12A:9-101

LEGISLATIVE HISTORY CHECKLIST

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LAWS OF: 2001 **CHAPTER:** 117

NJSA: 12A:9-101 (Rules regarding secured transactions)

BILL NO: S1382 (Substituted for A3025)

SPONSOR(S): Martin

DATE INTRODUCED: May 25, 2000

COMMITTEE: ASSEMBLY: Banking and Insurance

SENATE: Commerce

AMENDED DURING PASSAGE: Yes

DATE OF PASSAGE: ASSEMBLY: March 8, 2001; Reenacted June 21, 2001

SENATE: December 18, 2000; Reenacted May 14, 2001

DATE OF APPROVAL: June 26, 2001

FOLLOWING ARE ATTACHED IF AVAILABLE:

FINAL TEXT OF BILL (2nd reprint enacted)

(Amendments during passage denoted by superscript numbers)

S1382

SPONSORS STATEMENT: (Begins on page 140 of original bill)

Yes

COMMITTEE STATEMENT: ASSEMBLY: Yes

SENATE: Yes

FLOOR AMENDMENT STATEMENTS: No

LEGISLATIVE FISCAL ESTIMATE: Yes

A3025

SPONSORS STATEMENT: (Begins on page 144 of original bill) Yes

COMMITTEE STATEMENT:	ASSEMBLY:	Yes
	Identical to Assemb	ly Statement to S1382
	SENATE:	No
FLOOR AMENDMENT STATEMENTS:		No
LEGISLATIVE FISCAL ESTIMATE:		Yes
VETO MESSAGE:		Yes
GOVERNOR'S PRESS RELEASE ON SIGNING) :	Yes
FOLLOWING WERE PRINTED:		
To check for circulating copies, contact New Jers	ey State Government	
Publications at the State Library (609) 278-2640	ext.103 or mailto:refde	esk@njstatelib.org
REPORTS:		No
HEARINGS:		No
NEWSPAPER ARTICLES:		No

SENATE, No. 1183

STATE OF NEW JERSEY

209th LEGISLATURE

INTRODUCED MARCH 27, 2000

Sponsored by: Senator JOSEPH M. KYRILLOS, JR.

District 13 (Middlesex and Monmouth)

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As introduced.



1	AN ACT creating the "Uniform Electronic Transactions Act" and
2	supplementing Title 12A of the New Jersey Statutes.

BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

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1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or instrumentality of the federal government or of a state or of a county, municipality, or other political subdivision of a state.

"Information" means data, text, images, sounds, codes, computer programs, software, databases or the like.

"Information processing system" means an electronic system for 45 creating, generating, sending, receiving, storing, displaying or

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1 processing information.

2 "Person" means an individual, corporation, business trust, estate, 3 trust, partnership, limited liability company, association, joint venture, 4 governmental agency, public corporation, or any other legal or commercial entity. 5

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 3. a. Except as provided in subsection b. of this section, this act 26 applies to electronic records and electronic signatures relating to a transaction.
- 28 b. This act does not apply to a transaction to the extent it is 29 governed by:
- 30 (1) a law governing the creation and execution of wills, codicils or 31 testamentary trusts;
- 32 (2) the Uniform Commercial Code other than sections 1-107 and 1-206, Article 2 and Article 2A; and 33
 - (3) other laws as may be excluded from the provisions of this act.
- c. This act applies to an electronic record or electronic signature 35 otherwise excluded from the application of this act under subsection 36 b. of this section to the extent it is governed by a law other than those 37 38 specified in subsection b. of this section.
- 39 A transaction subject to this act is subject also to other 40 applicable substantive law.

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42 4. This act applies to any electronic record or electronic signature 43 created, generated, sent, communicated, received or stored on or after 44 the effective date of this act.

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- 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means.
- Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances, including the parties' conduct.
- 9 c. A party that agrees to conduct a transaction by electronic means 10 may refuse to conduct other transactions by electronic means. The 11 right granted by this subsection may not be waived by agreement.
 - d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
 - e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

20 6. This act shall be construed and applied:

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- a. to facilitate electronic transactions consistent with other applicable law;
 - b. to be consistent with reasonable practices concerning electronic transactions and with the continued expansion of those practices; and
- 25 c. to effectuate its general purpose to make uniform the law with 26 respect to the subject of this act among the states enacting it.
- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
 - b. A contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation.
- 32 c. If a law requires a record to be in writing, an electronic record 33 satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, in an electronic record capable of retention by the recipient at the time of receipt. An electronic record is not capable of retention by the

- of receipt. An electronic record is not capable of retention by the recipient if the sender or its information processing system inhibits the
- ability of the recipient to print or store the electronic record.
- b. If a law other than this act requires a record to be posted or

- displayed in a certain manner, to be sent, communicated or transmitted
 by a specified method, or to contain information that is formatted in
- 3 a certain manner, the following apply:
- 4 (1) The record shall be posted or displayed in the manner specified 5 in the other law.
- 6 (2) Except as otherwise provided in paragraph (2) of subsection d.
 7 of this section, the record shall be sent, communicated or transmitted
 8 by the method specified in the other law.
- 9 (3) The record shall contain the information formatted in the manner specified in the other law.
- 11 c. If a sender inhibits the ability of a recipient to store or print an 12 electronic record, the electronic record is not enforceable against the 13 recipient.
 - d. The requirements of this section may not be varied by agreement, but:
 - (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
 - (2) a requirement under a law other than this act to send, communicate, or transmit a record by United States mail, may be varied by agreement to the extent permitted by the other law.

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- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
- b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

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- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- 45 b. In an automated transaction involving an individual, the

- 1 individual may avoid the effect of an electronic record that resulted 2
- from an error made by the individual in dealing with the electronic
- agent of another person if the electronic agent did not provide an 3
- 4 opportunity for the prevention or correction of the error, and, at the
- time the individual learns of the error, the individual: 5
- 6 (1) promptly notifies the other person of the error and that the 7 individual did not intend to be bound by the electronic record received 8 by the other person;
 - (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
 - (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of 16 mistake, and the parties' contract, if any.
 - d. Subsections b. and c. of this section may not be varied by agreement.

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> 11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be included by other applicable law, is attached to or logically associated with the signature or record.

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- 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
- 31 (1) accurately reflects the information set forth in the record after 32 it was first generated in its final form as an electronic record or otherwise; and 33
 - (2) remains accessible for later reference.
- b. A requirement to retain a record in accordance with subsection 35 36 a. of this section does not apply to any information the sole purpose 37 of which is to enable the record to be sent, communicated or received.
 - c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are
- 41 d. If a law requires a record to be presented or retained in its 42 original form, or provides consequences if the record is not presented 43 or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section. 44
- 45 e. If a law requires retention of a check, that requirement is

- satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
 - f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
 - g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

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- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.
- c. The terms of the contract are determined by the substantive law applicable to it.

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- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- 31 (1) is addressed properly or otherwise directed properly to an 32 information processing system that the recipient has designated or uses 33 for the purpose of receiving electronic records or information of the 34 type sent and from which the recipient is able to retrieve the electronic 35 record;
 - (2) is in a form capable of being processed by that system; and
 - (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
- 44 (1) it enters an information processing system that the recipient has 45 designated or uses for the purpose of receiving electronic records or

- 1 information of the type sent and from which the recipient is able to 2 retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
- c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
 - d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
 - (1) If the sender or recipient has more than one place of business, the place of business of that person is the place having the closest relationship to the underlying transaction.
- 16 (2) If the sender or the recipient does not have a place of business, 17 the place of business is the sender's or recipient's residence, as the case 18 may be.
 - e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
 - f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
 - g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under subsection b. of this section, was not actually sent or received, the legal effect of the sending or receipt is determined by other applicable law. Except to the extent permitted by the other law, the requirements of this subsection may not be varied by agreement.

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- 16. a. As used in this section "transferable record" means an electronic record that:
- 34 (1) would be a note under Article 3 of the Uniform Commercial 35 Code or a document under Article 7 of the Uniform Commercial Code 36 if the electronic record were in writing; and
- 37 (2) the issuer of the electronic record expressly has agreed is a 38 transferable record.
 - b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
- c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:

- 1 (1) a single authoritative copy of the transferable record exists 2 which is unique, identifiable and, except as otherwise provided in 3 paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- 6 (b) if the authoritative copy indicates that the transferable record
 7 has been transferred, the person to which the transferable record was
 8 most recently transferred;
 - (3) the authoritative copy is communicated to and maintained by the person asserting control or its designated custodian;
 - (4) copies or revisions that add or change an identified assignee of the authoritative copy may be made only with the consent of the person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
 - (6) any revision of the authoritative copy is readily identifiable as authorized or unauthorized.
 - d. Except as otherwise agreed, a person having control of a transferable record is the holder, as defined in section 1-201 of the Uniform Commercial Code of the transferable record and has the same rights and defenses as a holder of an equivalent record or writing under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder in due course, a holder to which a negotiable document of title has been duly negotiated or a purchaser. Delivery, possession and indorsement are not required to obtain or exercise any of the rights under this subsection.
 - e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
 - f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

18. a. Except as otherwise provided in subsection f. of section 12

- of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons,
- and otherwise create, generate, communicate, store, process, use and
 rely upon electronic records and electronic signatures.
 - b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
 - (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
 - (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
 - (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
 - (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
 - c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

19. The Secretary of State shall adopt standards to encourage and promote consistency and interoperability with similar requirements adopted by other governmental agencies of this and other states and the federal government, and nongovernmental persons interacting with governmental agencies of this State. If appropriate, those standards may specify differing levels of standards from which governmental agencies of this State may chose in implementing the most appropriate standard for a particular application.

20. If any provision of this act or its application to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of this act which can be given effect without the invalid provision or application and, to this end, the provisions of this act are severable.

21. This act shall take effect on the 120th day after enactment.

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1 STATEMENT

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This bill concerns electronic records and electronic signatures. It is based on the final draft of the report issued by the National Conference of Commissioners on Uniform State Laws in July, 1999 known as the "Uniform Electronic Transactions Act" (UETA).

It is the sponsor's intent that this bill be construed and applied to facilitate electronic transactions.

UETA applies only to transactions in which each party has agreed by some means to conduct them electronically. Agreement is essential. Parties to electronic transactions come under UETA, but they may also opt out. They may vary, waive or disclaim most of the provisions of UETA by agreement, even if it is agreed that business will be transacted by electronic means. The rules in UETA are almost all default rules that apply if the terms of an agreement do not govern.

The objective of UETA is to ensure that transactions in the electronic marketplace are as enforceable as transactions memorialized on paper and with manual signatures, but without changing the substantive rules of law that apply. Thus, the objective of the bill is limited providing that an electronic record of a transaction is the equivalent of a paper record, and that an electronic signature will be given the same legal effect as a manual signature.

The basic rules are found in section 7 of UETA. The fundamental rule in section 7 provides that a record or signature may not be denied legal effect or enforceability solely because it is in electronic form. The second rule says that a contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation. The third rule states that any law that requires a writing will be satisfied by an electronic record. And the fourth basic rule provides that any signature requirement in the law will be met if there is an electronic signature.

Almost all other rules in UETA serve the principles set out in section 7, and answer basic questions about the use of electronic records and signatures. Thus, section 15 determines when information is legally delivered in electronic form. It establishes when electronic delivery occurs--when an electronic record capable of retention by the recipient is legally sent and received since the traditional and statutory rules that govern mail delivery of a paper memorializing a transaction are not applicable to electronic transactions.

The rule on attribution is found in section 9 of the bill. Electronic transactions may be faceless transactions between strangers. UETA states that a signature is attributable to a person if it is an act of that person, and that act may be shown in any manner. If a security procedure is used, its efficacy in establishing the attribution may be shown.

UETA may not be characterized as a digital signature statute although it does facilitate the use of digital signatures and other security procedures. Section 10 provides rules on errors and changes in messages. It favors the party who conforms to the security procedure used in the specific transaction against the party who does

not, in the event there is a dispute over the content.
 Nothing in the UETA requires the use of a digital

Nothing in the UETA requires the use of a digital signature or any security procedure. It is technologically neutral. UETA is procedural in nature rather than substantive. It does not require the use of electronic transactions or reliance upon electronic records and signatures. It does not prohibit paper records and manual signatures. Basic rules of law, like the general and statutory law of contracts, continue to apply.

There are three provisions in UETA that deviate from the basic rules in section 7. First, UETA excludes transactions subject to the Uniform Commercial Code, with certain exceptions, laws governing estates and trusts, and any other specific laws that a state exempts from the bill.

Second, UETA provides for "transferable records" in section 16.
Notes under Article 3 and documents under Article 7 of the Uniform
Commercial Code are "transferable records" when in electronic form.
Third, UETA validates contracts formed by electronic agents.
Electronic agents are computer programs that are implemented by

their principals to do business in electronic form. Section 14 provides that a person may form a contract by using an electronic agent. The principal, the person or entity which provides the program to do business, is bound by the contract that its agent makes.

28 Section 17 provides that each governmental agency shall determine 29 whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. 30 Additionally, each executive agency shall comply with standards 31 32 adopted by the Secretary of State. Section 19 provides that the Secretary of State shall set standards that promote consistency and 33 34 interoperability between state agencies with respect to the use of electronic records and signatures. 35

SENATE JUDICIARY COMMITTEE

STATEMENT TO

SENATE, No. 1183

with committee amendments

STATE OF NEW JERSEY

DATED: SEPTEMBER 14, 2000

The Senate Judiciary Committee reports favorably and with committee amendments Senate Bill No. 1183.

S-1183 proposes the enactment of the "Uniform Electronic Transaction Act" (UETA) which is based on the final draft of a report issued by the National Conference on Uniform State Laws in July, 1999.

UETA applies only to transactions in which each party has agreed by some means to conduct them electronically. Agreement is essential. Parties to electronic transactions come under UETA, but they may also opt out. They may vary, waive or disclaim most of the provisions of UETA by agreement, even if it is agreed that business will be transacted by electronic means. The rules in UETA are almost all default rules that apply if the terms of an agreement do not govern.

The objective of UETA is to ensure that transactions in the electronic marketplace are as enforceable as transactions memorialized on paper and with manual signatures, but without changing the substantive rules of law that apply. Thus, the objective of the bill is limited providing that an electronic record of a transaction is the equivalent of a paper record, and that an electronic signature will be given the same legal effect as a manual signature.

The basic rules are found in section 7 of UETA. The fundamental rule in section 7 provides that a record or signature may not be denied legal effect or enforceability solely because it is in electronic form. The second rule says that a contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation. The third rule states that any law that requires a writing will be satisfied by an electronic record. And the fourth basic rule provides that any signature requirement in the law will be met if there is an electronic signature.

Almost all other rules in UETA serve the principles set out in section 7, and answer basic questions about the use of electronic records and signatures. Thus, section 15 determines when information is legally delivered in electronic form. It establishes when electronic delivery occurs--when an electronic record capable of retention by the

recipient is legally sent and received since the traditional and statutory rules that govern mail delivery of a paper memorializing a transaction are not applicable to electronic transactions.

The rule on attribution is found in section 9 of the bill. Electronic transactions may be faceless transactions between strangers. UETA states that a signature is attributable to a person if it is an act of that person, and that act may be shown in any manner. If a security procedure is used, its efficacy in establishing the attribution may be shown.

UETA may not be characterized as a digital signature statute although it does facilitate the use of digital signatures and other security procedures. Section 10 provides rules on errors and changes in messages. It favors the party who conforms to the security procedure used in the specific transaction against the party who does not, in the event there is a dispute over the content.

Nothing in the UETA requires the use of a digital signature or any security procedure. It is technologically neutral. UETA is procedural in nature rather than substantive. It does not require the use of electronic transactions or reliance upon electronic records and signatures. It does not prohibit paper records and manual signatures. Basic rules of law, like the general and statutory law of contracts, continue to apply.

There are three provisions in UETA that deviate from the basic rules in section 7. First, UETA excludes transactions subject to the Uniform Commercial Code, with certain exceptions, laws governing estates and trusts, and any other specific laws that a state exempts from the bill.

Second, UETA provides for "transferable records" in section 16. Notes under Article 3 and documents under Article 7 of the Uniform Commercial Code are "transferable records" when in electronic form.

Third, UETA validates contracts formed by electronic agents. Electronic agents are computer programs that are implemented by their principals to do business in electronic form. Section 14 provides that a person may form a contract by using an electronic agent. The principal, the person or entity which provides the program to do business, is bound by the contract that its agent makes.

Section 17 provides that each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State. Section 19 provides that the Secretary of State shall set standards that promote consistency and interoperability between state agencies with respect to the use of electronic records and signatures.

The amendments adopted by the committee provide that the act would not apply to the following:

C laws governing adoption, divorce or other family laws matters;

- C court orders or court documents;
- C cancellation notices for public utilities;
- C notices of default, repossession, foreclosure or eviction under a credit agreement secured by an individual's residence;
- the cancellation of health insurance or life insurance benefits;
- C the recall of products which risk endangering health or safety; or
- to any documents required to accompany the transportation or handling of hazardous or toxic materials.

The amendments also add a provision concerning consumers' rights. This provision provides that, if a law or regulation requires that information be provided in writing, the use of an electronic record will satisfy the "writing" requirement if the consumer has affirmatively consented to the use of the electronic record and has not withdrawn such consent and if the consumer, prior to consenting, receives a clear and conspicuous statement of any right of the consumer to have the record provided on paper, and of any right to withdraw the consent to have the record provided in electronic form. The notice would also require that the consumer be informed of any fees, conditions or consequences, which may include termination of the parties' relationship, in the event of the consumer's withdrawal of consent.

The notice would inform the consumer whether the consent applies only to the particular transaction, or to identified categories of records that may be provided during the course of the parties' relationship. In addition, the notice would describe the procedures the consumer must use to withdraw consent and to update information needed to contact the consumer electronically. Also, the consumer, prior to consenting, would be required to be provided with a statement of the hardware and software requirements for access to and retention of the electronic records, and to consent electronically in a manner that reasonably demonstrates that the consumer can access information in the electronic form.

After the consumer's consent, if a change in the hardware or software requirements creates a material risk that the consumer would no longer be able to access the electronic record, the person providing the electronic record would be required to provide the consumer with a statement of the revised hardware and software requirements for access to the electronic records and the consumer would then have the right to withdraw consent without the imposition of any fees and without the imposition of any conditions or consequences.

The amendments adopted by the committee provide that nothing in this act affects the content or timing of any disclosure or other record required to be provided to any consumer under any statute, regulation or other rule of law. The amendments also provide that if a law enacted prior to this act expressly requires a record to be provided by a specified method that requires verification or acknowledgement of receipt, the record may be provided electronically only if the method used provides verification or acknowledgement of receipt.

The amendments also provide that the legal effectiveness, validity or enforceability of any contract executed by a consumer could not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with the act, and that withdrawal of consent by a consumer would not affect the legal effectiveness, validity or enforceability of electronic records provided to that consumer prior to implementation of the consumer's withdrawal of consent.

The amendments also provide that the act does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of the act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

In addition, the amendments clarify that an oral communication or a recording of an oral communication shall not qualify as an electronic record for purposes of this section except as otherwise provided under applicable law.

The amendments also add a section of legislative findings and declarations. These findings provide that the recent adoption of the "Electronic Signatures in Global and National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000), popularly known as "federal E-Sign," encourages states to enact the Uniform Electronic Transactions Act proposed for adoption by the National Conference of Commissioners on Uniform State Laws; that the adoption of the Uniform Electronic Transactions Act will invoke the provisions of the "federal E-sign" law which state that the federal law will no longer preempt the laws of an enacting state; that the "federal E-sign" law provides that a state, in enacting the Uniform Electronic Transactions Act, may "modify, limit or supersede" the provisions of the federal law; and that it is the intention of the Legislature that the adoption of the Uniform Electronic Transactions Act in this State modify, limit and supersede the provisions of Pub. L. 106-229 to the fullest possible extent permitted under the federal law.

Finally, the amendments repeal R.S.1:1-2.4, which is superseded by the act, and change the effective date to provide that the act will take effect immediately.

[First Reprint] **SENATE, No. 1183**

STATE OF NEW JERSEY 209th LEGISLATURE

INTRODUCED MARCH 27, 2000

Sponsored by: Senator JOSEPH M. KYRILLOS, JR. District 13 (Middlesex and Monmouth)

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As reported by the Senate Judiciary Committee on September 14, 2000, with amendments.



1	AN ACT creating the "Uniform Electronic Transactions ¹ [Act" and]
2	Act:" supplementing Title 12A of the New Jersey Statutes and
3	repealing R.S.1:1-2.4 ¹ .
4	

5 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹ Senate SJU committee amendments adopted September 14, 2000.

instrumentality of the federal government or of a state or of a county,
municipality, or other political subdivision of a state.

3 "Information" means data, text, images, sounds, codes, computer 4 programs, software, databases or the like.

5 "Information processing system" means an electronic system for 6 creating, generating, sending, receiving, storing, displaying or 7 processing information.

8 "Person" means an individual, corporation, business trust, estate, 9 trust, partnership, limited liability company, association, joint venture, 10 governmental agency, public corporation, or any other legal or 11 commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 3. a. Except as provided in subsection b. of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- b. This act does not apply to a transaction to the extent it is governed by:
- (1) a law governing the creation and execution of wills, codicils ortestamentary trusts;
- 38 (2) the Uniform Commercial Code other than sections 1-107 and 39 1-206, Article 2 and Article 2A; ¹[and]¹
- 40 (3) ¹[other laws as may be excluded from the provisions of this act]
 41 <u>a statute, regulation or other rule of law governing adoption, divorce</u>
 42 <u>or other matters of family law;</u>
- 43 (4) court orders or notices or official court documents (including 44 briefs, pleadings and other writings) required to be executed in 45 connection with court proceedings;
- 46 <u>(5) any notice of :</u>

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- 1 (a) the cancellation or termination of utility services (including 2 water, heat and power);
- (b) the default, acceleration, repossession, foreclosure or eviction,
 or the right to cure, under a credit agreement secured by, or a rental
- 5 agreement for, a primary residence of an individual;
- (c) the cancellation or termination of health insurance benefits or
 life insurance benefits (excluding annuities); or
- 8 (d) the recall of a product, or material failure of a product, that
 9 risks endangering health or safety; or
- (6) any document required to accompany any transportation or
 handling of hazardous materials, pesticides or other toxic or dangerous
 materials¹.
 - c. This act applies to an electronic record or electronic signature otherwise excluded from the application of this act under subsection b. of this section to the extent it is governed by a law other than those specified in subsection b. of this section.
- d. A transaction subject to this act is subject also to other applicable substantive law.

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4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.

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- 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means. Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances, including the parties' conduct.
- c. A party that agrees to conduct a transaction by electronic means may refuse to conduct other transactions by electronic means. The right granted by this subsection may not be waived by agreement.
- d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
- e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

- 43 6. This act shall be construed and applied:
- 44 a. to facilitate electronic transactions consistent with other 45 applicable law;

- b. to be consistent with reasonable practices concerning electronic
 transactions and with the continued expansion of those practices; and
- c. to effectuate its general purpose to make uniform the law with
 respect to the subject of this act among the states enacting it.

- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely
 because an electronic record was used in its formation.
- 10 c. If a law requires a record to be in writing, an electronic record satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

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- 15 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver 16 17 information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, 18 19 in an electronic record capable of retention by the recipient at the time 20 of receipt. An electronic record is not capable of retention by the 21 recipient if the sender or its information processing system inhibits the 22 ability of the recipient to print or store the electronic record.
 - b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
 - (1) The record shall be posted or displayed in the manner specified in the other law.
 - (2) Except as otherwise provided in paragraph (2) of subsection d. of this section, the record shall be sent, communicated or transmitted by the method specified in the other law.
- 32 (3) The record shall contain the information formatted in the 33 manner specified in the other law.
 - c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
- d. The requirements of this section may not be varied by agreement, but:
- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
- 44 (2) a requirement under a law other than this act to send, 45 communicate, or transmit a record by United States mail, may be 46 varied by agreement to the extent permitted by the other law.

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- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
 - b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
- 39 d. Subsections b. and c. of this section may not be varied by 40 agreement.

11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be

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1 included by other applicable law, is attached to or logically associated 2 with the signature or record.

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- 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
- (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
 - (2) remains accessible for later reference.
- b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are satisfied.
- d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
- e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
- f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
- g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

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- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.

1 c. The terms of the contract are determined by the substantive law 2 applicable to it.

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- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- 6 (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses 8 for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
 - (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
 - (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
 - c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
 - d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
- 33 (1) If the sender or recipient has more than one place of business, 34 the place of business of that person is the place having the closest 35 relationship to the underlying transaction.
 - (2) If the sender or the recipient does not have a place of business, the place of business is the sender's or recipient's residence, as the case may be.
- e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
- f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under

- 1 subsection b. of this section, was not actually sent or received, the
- 2 legal effect of the sending or receipt is determined by other applicable
- 3 law. Except to the extent permitted by the other law, the requirements
- 4 of this subsection may not be varied by agreement.

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- 6 16. a. As used in this section "transferable record" means an electronic record that:
- 8 (1) would be a note under Article 3 of the Uniform Commercial 9 Code or a document under Article 7 of the Uniform Commercial Code 10 if the electronic record were in writing; and
- 11 (2) the issuer of the electronic record expressly has agreed is a transferable record.
- b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- 25 (b) if the authoritative copy indicates that the transferable record 26 has been transferred, the person to which the transferable record was 27 most recently transferred;
 - (3) the authoritative copy is communicated to and maintained by the person asserting control or its designated custodian;
- 30 (4) copies or revisions that add or change an identified assignee of 31 the authoritative copy may be made only with the consent of the 32 person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
- 35 (6) any revision of the authoritative copy is readily identifiable as 36 authorized or unauthorized.
- d. Except as otherwise agreed, a person having control of a 37 38 transferable record is the holder, as defined in section 1-201 of the 39 Uniform Commercial Code of the transferable record and has the same 40 rights and defenses as a holder of an equivalent record or writing 41 under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder 42 in due course, a holder to which a negotiable document of title has 43 44 been duly negotiated or a purchaser. Delivery, possession and 45 indorsement are not required to obtain or exercise any of the rights
- 46 under this subsection.

- e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
- f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

1	19. The Secretary of State shall adopt standards to encourage and
2	promote consistency and interoperability with similar requirements
3	adopted by other governmental agencies of this and other states and
4	the federal government, and nongovernmental persons interacting with
5	governmental agencies of this State. If appropriate, those standards
6	may specify differing levels of standards from which governmental
7	agencies of this State may chose in implementing the most appropriate
8	standard for a particular application.
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10	20. If any provision of this act or its application to any person or
11	circumstance is held invalid, the invalidity shall not affect other
12	provisions or applications of this act which can be given effect without
13	the invalid provision or application and, to this end, the provisions of
14	this act are severable.
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16	¹ 21. a. Notwithstanding any other provision of this act, if a law or
17	regulation requires that information relating to the transaction be
18	provided or made available to a consumer in writing, the use of an
19	electronic record to provide or make available (whichever is required)
20	such information satisfies the requirement that such information be in
21	writing if:
22	(1) the consumer has affirmatively consented to such use and has
23	not withdrawn such consent;
24	(2) the consumer, prior to consenting, is provided with a clear and
25	conspicuous statement:
26	(a) informing the consumer of:
27	(i) any right or option of the consumer to have the record provided
28	or made available on paper or in nonelectronic form, and
29	(ii) the right of the consumer to withdraw the consent to have the
30	record provided or made available in an electronic form and of any
31	conditions, consequences (which may include termination of the
32	parties' relationship), or fees in the event of such withdrawal;
33	(b) informing the consumer of whether the consent applies:
34	(i) only to the particular transaction which gave rise to the
35	obligation to provide the record, or
36	(ii) to identified categories of records that may be provided or made
37	available during the course of the parties' relationship;
38	(c) describing the procedures the consumer must use to withdraw
39	consent as provided in a.(2)(a) of this section and to update
40	information needed to contact the consumer electronically; and
41	(d) informing the consumer:
42	(i) how, after the consent, the consumer may, upon request, obtain
43	a paper copy of an electronic record, and
44	(ii) whether any fee will be charged for such copy;
45	(3) the consumer:

- 1 (a) prior to consenting, is provided with a statement of the 2 hardware and software requirements for access to and retention of the 3 electronic records; and
- (b) consents electronically, or confirms his or her consent electronically, in a manner that reasonably demonstrates that the consumer can access information in the electronic form that will be used to provide the information that is the subject of the consent; and
- (4) after the consent of a consumer in accordance with a.(1) of this section, if a change in the hardware or software requirements needed to access or retain electronic records creates a material risk that the consumer will not be able to access or retain a subsequent electronic record that was the subject of the consent, the person providing the
- 13 <u>electronic record:</u>

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- 14 (a) provides the consumer with a statement of:
- (i) the revised hardware and software requirements for access to
 and retention of the electronic records; and
- (ii) the right to withdraw consent without the imposition of any fees for such withdrawal and without the imposition of any condition or consequence that was not disclosed under a.(2)(a) of this section; and (b) again complies with a.(3) of this section.
 - b. Nothing in this act affects the content or timing of any disclosure or other record required to be provided or made available to any consumer under any statute, regulation, or other rule of law.
 - c. If a law that was enacted prior to this act expressly requires a record to be provided or made available by a specified method that requires verification or acknowledgment of receipt, the record may be provided or made available electronically only if the method used provides verification or acknowledgment of receipt (whichever is required).
- d. The legal effectiveness, validity or enforceability of any contract
 executed by a consumer shall not be denied solely because of the
 failure to obtain electronic consent or confirmation of consent by that
 consumer in accordance with a.(3)(b) of this section.
- 34 e. Withdrawal of consent by a consumer shall not affect the legal 35 effectiveness, validity or enforceability of electronic records provided 36 or made available to that consumer in accordance with subsection a. 37 prior to implementation of the consumer's withdrawal of consent. A 38 consumer's withdrawal of consent shall be effective within a reasonable 39 period of time after receipt of the withdrawal by the provider of the 40 record. Failure to comply with a.(4) of this section may, at the 41 election of the consumer, be treated as a withdrawal of consent for 42 purposes of this subsection.
- f. This subsection does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of this act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

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1	g. An oral communication or a recording of an oral communication
2	shall not qualify as an electronic record for purposes of this section
3	except as otherwise provided under applicable law. 1
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5	¹ 22. The Legislature finds and declares:
6	That the adoption of the "Electronic Signatures in Global and
7	National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000),
8	popularly known as "federal E-Sign," encourages states to enact the
9	Uniform Electronic Transactions Act proposed for adoption by the
10	National Conference of Commissioners on Uniform State Laws; and
11	That the adoption of the Uniform Electronic Transactions Act will
12	invoke the provisions of Section 102 of Pub. L. 106-229 which state
13	that federal law will no longer preempt the laws of an enacting state;
14	<u>and</u>
15	That Section 102 of Pub. L. 106-229 provides that a state, in
16	enacting the Uniform Electronic Transactions Act, may "modify, limit
17	or supersede" the provisions of the federal law; and
18	That it is desirable for this State to take the fullest possible
19	advantage of the ability to "modify, limit or supersede" Pub. L. 106-
20	229; and
21	That it is the intention of the Legislature that the adoption of the
22	Uniform Electronic Transactions Act in this State modify, limit and
23	supersede the provisions of Pub. L. 106-229 to the fullest possible
24	extent permitted under the federal law. ¹
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26	¹ 23. R.S.1:1-2.4 is hereby repealed. ¹
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28	¹ [21.] <u>24.</u> This act shall take effect ¹ [on the 120th day after
29	enactment] <u>immediately</u> ¹ .

STATEMENT TO

[First Reprint] **SENATE, No. 1183**

with Senate Floor Amendments (Proposed By Senator KYRILLOS)

ADOPTED: SEPTEMBER 21, 2000

S-1183 (1R) proposes the enactment of the "Uniform Electronic Transactions Act." These amendments would add two new sections to the bill clarifying the provisions of the bill with regard to the retention of electronic records. These amendments would also provide for the establishment of the N.J. Center for Electronic Transactions and Informational Privacy within the Institute of Law, Science and Technology at Seton Hall University School of Law.

[Second Reprint]

SENATE, No. 1183

STATE OF NEW JERSEY

209th LEGISLATURE

INTRODUCED MARCH 27, 2000

Sponsored by:

Senator JOSEPH M. KYRILLOS, JR. District 13 (Middlesex and Monmouth)

Co-Sponsored by:

Assemblymen Corodemus and Arnone

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As amended by the Senate on September 21, 2000.



(Sponsorship Updated As Of: 1/30/2001)

1	AN ACT creating the "Uniform Electronic Transactions ¹ [Act" and]
2	Act:" supplementing Title 12A of the New Jersey Statutes and
3	repealing R.S.1:1-2.4 ¹ .

5 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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8 1. This act shall be known and may be cited as the "Uniform 9 Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicialagency, department, board, commission, authority, institution or

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹ Senate SJU committee amendments adopted September 14, 2000.

² Senate floor amendments adopted September 21, 2000.

instrumentality of the federal government or of a state or of a county,
municipality, or other political subdivision of a state.

3 "Information" means data, text, images, sounds, codes, computer 4 programs, software, databases or the like.

5 "Information processing system" means an electronic system for 6 creating, generating, sending, receiving, storing, displaying or 7 processing information.

8 "Person" means an individual, corporation, business trust, estate, 9 trust, partnership, limited liability company, association, joint venture, 10 governmental agency, public corporation, or any other legal or 11 commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 3. a. Except as provided in subsection b. of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- b. This act does not apply to a transaction to the extent it is governed by:
- (1) a law governing the creation and execution of wills, codicils ortestamentary trusts;
- 38 (2) the Uniform Commercial Code other than sections 1-107 and 39 1-206, Article 2 and Article 2A; ¹[and]¹
- 40 (3) ¹[other laws as may be excluded from the provisions of this act]
 41 <u>a statute, regulation or other rule of law governing adoption, divorce</u>
 42 <u>or other matters of family law;</u>
- 43 (4) court orders or notices or official court documents (including 44 briefs, pleadings and other writings) required to be executed in 45 connection with court proceedings;
- 46 <u>(5) any notice of :</u>

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- 1 (a) the cancellation or termination of utility services (including 2 water, heat and power);
- (b) the default, acceleration, repossession, foreclosure or eviction,
 or the right to cure, under a credit agreement secured by, or a rental
- 5 agreement for, a primary residence of an individual;
- (c) the cancellation or termination of health insurance benefits or
 life insurance benefits (excluding annuities); or
- 8 (d) the recall of a product, or material failure of a product, that
 9 risks endangering health or safety; or
- (6) any document required to accompany any transportation or
 handling of hazardous materials, pesticides or other toxic or dangerous
 materials¹.
 - c. This act applies to an electronic record or electronic signature otherwise excluded from the application of this act under subsection b. of this section to the extent it is governed by a law other than those specified in subsection b. of this section.
- d. A transaction subject to this act is subject also to other applicable substantive law.

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4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.

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- 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means. Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances, including the parties' conduct.
- c. A party that agrees to conduct a transaction by electronic means may refuse to conduct other transactions by electronic means. The right granted by this subsection may not be waived by agreement.
- d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
- e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

- 43 6. This act shall be construed and applied:
- 44 a. to facilitate electronic transactions consistent with other 45 applicable law;

- b. to be consistent with reasonable practices concerning electronic
 transactions and with the continued expansion of those practices; and
- c. to effectuate its general purpose to make uniform the law with
 respect to the subject of this act among the states enacting it.

- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely
 because an electronic record was used in its formation.
- 10 c. If a law requires a record to be in writing, an electronic record satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

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- 15 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver 16 17 information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, 18 19 in an electronic record capable of retention by the recipient at the time 20 of receipt. An electronic record is not capable of retention by the 21 recipient if the sender or its information processing system inhibits the 22 ability of the recipient to print or store the electronic record.
 - b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
 - (1) The record shall be posted or displayed in the manner specified in the other law.
 - (2) Except as otherwise provided in paragraph (2) of subsection d. of this section, the record shall be sent, communicated or transmitted by the method specified in the other law.
 - (3) The record shall contain the information formatted in the manner specified in the other law.
 - c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
- d. The requirements of this section may not be varied by agreement, but:
- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
- 44 (2) a requirement under a law other than this act to send, 45 communicate, or transmit a record by United States mail, may be 46 varied by agreement to the extent permitted by the other law.

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- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
 - b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
- 39 d. Subsections b. and c. of this section may not be varied by 40 agreement.

11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be

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1 included by other applicable law, is attached to or logically associated 2 with the signature or record.

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- 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
- (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
 - (2) remains accessible for later reference.
- b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are satisfied.
- d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
- e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
- f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
- g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

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- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.

1 c. The terms of the contract are determined by the substantive law 2 applicable to it.

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- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- 6 (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses 8 for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
- (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
 - (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
 - c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
 - d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
- 33 (1) If the sender or recipient has more than one place of business, 34 the place of business of that person is the place having the closest 35 relationship to the underlying transaction.
 - (2) If the sender or the recipient does not have a place of business, the place of business is the sender's or recipient's residence, as the case may be.
- e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
- f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under

- 1 subsection b. of this section, was not actually sent or received, the
- 2 legal effect of the sending or receipt is determined by other applicable
- 3 law. Except to the extent permitted by the other law, the requirements
- 4 of this subsection may not be varied by agreement.

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- 16. a. As used in this section "transferable record" means an 6 7 electronic record that:
- (1) would be a note under Article 3 of the Uniform Commercial 8 Code or a document under Article 7 of the Uniform Commercial Code 9 if the electronic record were in writing; and 10
- (2) the issuer of the electronic record expressly has agreed is a 11 12 transferable record.
- 13 b. A person has control of a transferable record if a system 14 employed for evidencing the transfer of interests in the transferable 15 record reliably establishes that person as the person to which the transferable record was issued or transferred. 16
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- 25 (b) if the authoritative copy indicates that the transferable record 26 has been transferred, the person to which the transferable record was 27 most recently transferred;
- (3) the authoritative copy is communicated to and maintained by 28 29 the person asserting control or its designated custodian;
 - (4) copies or revisions that add or change an identified assignee of the authoritative copy may be made only with the consent of the person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
- (6) any revision of the authoritative copy is readily identifiable as 35 authorized or unauthorized. 36
- d. Except as otherwise agreed, a person having control of a 37 38 transferable record is the holder, as defined in section 1-201 of the 39 Uniform Commercial Code of the transferable record and has the same 40 rights and defenses as a holder of an equivalent record or writing 41 under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder 42 in due course, a holder to which a negotiable document of title has 43 44 been duly negotiated or a purchaser. Delivery, possession and indorsement are not required to obtain or exercise any of the rights
- 45
- under this subsection. 46

- e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
- f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

1	19. The Secretary of State shall adopt standards to encourage and
2	promote consistency and interoperability with similar requirements
3	adopted by other governmental agencies of this and other states and
4	the federal government, and nongovernmental persons interacting with
5	governmental agencies of this State. If appropriate, those standards
6	may specify differing levels of standards from which governmental
7	agencies of this State may chose in implementing the most appropriate
8	standard for a particular application.
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10	20. If any provision of this act or its application to any person or
11	circumstance is held invalid, the invalidity shall not affect other
12	provisions or applications of this act which can be given effect without
13	the invalid provision or application and, to this end, the provisions of
14	this act are severable.
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16	¹ 21. a. Notwithstanding any other provision of this act, if a law or
17	regulation requires that information relating to the transaction be
18	provided or made available to a consumer in writing, the use of an
19	electronic record to provide or make available (whichever is required)
20	such information satisfies the requirement that such information be in
21	writing if:
22	(1) the consumer has affirmatively consented to such use and has
23	not withdrawn such consent;
24	(2) the consumer, prior to consenting, is provided with a clear and
25	conspicuous statement:
26	(a) informing the consumer of:
27	(i) any right or option of the consumer to have the record provided
28	or made available on paper or in nonelectronic form, and
29	(ii) the right of the consumer to withdraw the consent to have the
30	record provided or made available in an electronic form and of any
31	conditions, consequences (which may include termination of the
32	parties' relationship), or fees in the event of such withdrawal;
33	(b) informing the consumer of whether the consent applies:
34	(i) only to the particular transaction which gave rise to the
35	obligation to provide the record, or
36	(ii) to identified categories of records that may be provided or made
37	available during the course of the parties' relationship;
38	(c) describing the procedures the consumer must use to withdraw
39	consent as provided in a.(2)(a) of this section and to update
40	information needed to contact the consumer electronically; and
41	(d) informing the consumer:
42	(i) how, after the consent, the consumer may, upon request, obtain
43	a paper copy of an electronic record, and
44	(ii) whether any fee will be charged for such copy;

(3) the consumer:

- 1 (a) prior to consenting, is provided with a statement of the 2 hardware and software requirements for access to and retention of the 3 electronic records; and
- 4 (b) consents electronically, or confirms his or her consent 5 electronically, in a manner that reasonably demonstrates that the 6 consumer can access information in the electronic form that will be 7 used to provide the information that is the subject of the consent; and
- (4) after the consent of a consumer in accordance with a.(1) of this section, if a change in the hardware or software requirements needed to access or retain electronic records creates a material risk that the consumer will not be able to access or retain a subsequent electronic record that was the subject of the consent, the person providing the
- 14 (a) provides the consumer with a statement of:

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electronic record:

- (i) the revised hardware and software requirements for access to
 and retention of the electronic records; and
- (ii) the right to withdraw consent without the imposition of any fees for such withdrawal and without the imposition of any condition or consequence that was not disclosed under a.(2)(a) of this section; and (b) again complies with a.(3) of this section.
 - b. Nothing in this act affects the content or timing of any disclosure or other record required to be provided or made available to any consumer under any statute, regulation, or other rule of law.
 - c. If a law that was enacted prior to this act expressly requires a record to be provided or made available by a specified method that requires verification or acknowledgment of receipt, the record may be provided or made available electronically only if the method used provides verification or acknowledgment of receipt (whichever is required).
- d. The legal effectiveness, validity or enforceability of any contract executed by a consumer shall not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with a.(3)(b) of this section.
- 34 e. Withdrawal of consent by a consumer shall not affect the legal 35 effectiveness, validity or enforceability of electronic records provided 36 or made available to that consumer in accordance with subsection a. 37 prior to implementation of the consumer's withdrawal of consent. A 38 consumer's withdrawal of consent shall be effective within a reasonable 39 period of time after receipt of the withdrawal by the provider of the 40 record. Failure to comply with a.(4) of this section may, at the 41 election of the consumer, be treated as a withdrawal of consent for 42 purposes of this subsection.
- f. This subsection does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of this act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

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1	g. An oral communication or a recording of an oral communication
2	shall not qualify as an electronic record for purposes of this section
3	except as otherwise provided under applicable law. 1
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5	¹ 22. The Legislature finds and declares:
6	That the adoption of the "Electronic Signatures in Global and
7	National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000),
8	popularly known as "federal E-Sign," encourages states to enact the
9	Uniform Electronic Transactions Act proposed for adoption by the
10	National Conference of Commissioners on Uniform State Laws; and
11	That the adoption of the Uniform Electronic Transactions Act will
12	invoke the provisions of Section 102 of Pub. L. 106-229 which state
13	that federal law will no longer preempt the laws of an enacting state;
14	<u>and</u>
15	That Section 102 of Pub. L. 106-229 provides that a state, in
16	enacting the Uniform Electronic Transactions Act, may "modify, limit
17	or supersede" the provisions of the federal law; and
18	That it is desirable for this State to take the fullest possible
19	advantage of the ability to "modify, limit or supersede" Pub. L. 106-
20	229; and
21	That it is the intention of the Legislature that the adoption of the
22	Uniform Electronic Transactions Act in this State modify, limit and
23	supersede the provisions of Pub. L. 106-229 to the fullest possible
24	extent permitted under the federal law. ¹
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26	² 23. Under the provisions of subsection a. of section 8, an
27	electronic record, to be capable of retention by the recipient at the
28	time of receipt, must be capable of being retained and accurately
29	reproduced for later reference by all persons who are entitled to retain
30	the record. ²
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32	² 24. Under the provisions of paragraph (2) of subsection a. of
33	section 12, a record of information remains accessible for later
34	reference if it remains accessible to all persons who are entitled to
35	access by statute, regulation or rule of law, for the period required by
36	such statute, regulation or rule of law, in a form that is capable of
37	being accurately reproduced for later reference, whether by
38	transmission, printing, or otherwise. ²
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40	² 25. The New Jersey Center for Electronic Transactions and
41	Informational Privacy shall be established within the Institute of Law,
42	Science and Technology at Seton Hall University School of Law. The
43	Center shall provide legal research and advisement to the Secretary of
44	State and governmental agencies of this State on issues concerning
15	alactronic records and privacy 2

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1 ²[¹23.] 26. ² R.S.1:1-2.4 is hereby repealed. ¹

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3 $^{1}[21.]^{2}[24.^{1}]$ $27.^{2}$ This act shall take effect $^{1}[$ on the 120th day

4 after enactment] <u>immediately</u>1.

ASSEMBLY TELECOMMUNICATIONS AND UTILITIES COMMITTEE

STATEMENT TO

[Second Reprint] **SENATE, No. 1183**

STATE OF NEW JERSEY

DATED: JANUARY 18, 2001

The Assembly Telecommunications and Utilities Committee reports favorably Senate Bill No. 1183 (2R).

As reported, this bill proposes the enactment of the "Uniform Electronic Transaction Act" (UETA) which is based on the final draft of a report issued by the National Conference on Uniform State Laws in July, 1999.

UETA applies only to transactions in which each party has agreed by some means to conduct them electronically. Agreement is essential. Parties to electronic transactions come under UETA, but they may also opt out. They may vary, waive or disclaim most of the provisions of UETA by agreement, even if it is agreed that business will be transacted by electronic means. The rules in UETA are almost all default rules that apply if the terms of an agreement do not govern.

The objective of UETA is to ensure that transactions in the electronic marketplace are as enforceable as transactions memorialized on paper and with manual signatures, but without changing the substantive rules of law that apply. Thus, the objective of the bill is limited providing that an electronic record of a transaction is the equivalent of a paper record, and that an electronic signature will be given the same legal effect as a manual signature.

The basic rules are found in section 7 of UETA. The fundamental rule in section 7 provides that a record or signature may not be denied legal effect or enforceability solely because it is in electronic form. The second rule says that a contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation. The third rule states that any law that requires a writing will be satisfied by an electronic record. And the fourth basic rule provides that any signature requirement in the law will be met if there is an electronic signature.

Almost all other rules in UETA serve the principles set out in section 7, and answer basic questions about the use of electronic records and signatures. Thus, section 15 determines when information is legally delivered in electronic form. It establishes when electronic

delivery occurs--when an electronic record capable of retention by the recipient is legally sent and received since the traditional and statutory rules that govern mail delivery of a paper memorializing a transaction are not applicable to electronic transactions.

The rule on attribution is found in section 9 of the bill. Electronic transactions may be faceless transactions between strangers. UETA states that a signature is attributable to a person if it is an act of that person, and that act may be shown in any manner. If a security procedure is used, its efficacy in establishing the attribution may be shown.

UETA may not be characterized as a digital signature statute although it does facilitate the use of digital signatures and other security procedures. Section 10 provides rules on errors and changes in messages. It favors the party who conforms to the security procedure used in the specific transaction against the party who does not, in the event there is a dispute over the content.

Nothing in the UETA requires the use of a digital signature or any security procedure. It is technologically neutral. UETA is procedural in nature rather than substantive. It does not require the use of electronic transactions or reliance upon electronic records and signatures. It does not prohibit paper records and manual signatures. Basic rules of law, like the general and statutory law of contracts, continue to apply.

There are three provisions in UETA that deviate from the basic rules in section 7. First, UETA excludes transactions subject to the Uniform Commercial Code, with certain exceptions, laws governing estates and trusts, and any other specific laws that a state exempts from the bill.

Second, UETA provides for "transferable records" in section 16. Notes under Article 3 and documents under Article 7 of the Uniform Commercial Code are "transferable records" when in electronic form.

Third, UETA validates contracts formed by electronic agents. Electronic agents are computer programs that are implemented by their principals to do business in electronic form. Section 14 provides that a person may form a contract by using an electronic agent. The principal, the person or entity which provides the program to do business, is bound by the contract that its agent makes.

Section 17 provides that each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State. Section 19 provides that the Secretary of State shall set standards that promote consistency and interoperability between state agencies with respect to the use of electronic records and signatures.

The act would not apply to the following:

- C laws governing adoption, divorce or other family laws matters;
- C court orders or court documents;

- C cancellation notices for public utilities;
- credit agreement secured by an individual's residence;
- C the cancellation of health insurance or life insurance benefits;
- C the recall of products which risk endangering health or safety; or
- to any documents required to accompany the transportation or handling of hazardous or toxic materials.

The bill contains a provision concerning consumers' rights. This provision provides that, if a law or regulation requires that information be provided in writing, the use of an electronic record will satisfy the "writing" requirement if the consumer has affirmatively consented to the use of the electronic record and has not withdrawn such consent and if the consumer, prior to consenting, receives a clear and conspicuous statement of any right of the consumer to have the record provided on paper, and of any right to withdraw the consent to have the record provided in electronic form. The notice would also require that the consumer be informed of any fees, conditions or consequences, which may include termination of the parties' relationship, in the event of the consumer's withdrawal of consent.

The notice would inform the consumer whether the consent applies only to the particular transaction, or to identified categories of records that may be provided during the course of the parties' relationship. In addition, the notice would describe the procedures the consumer must use to withdraw consent and to update information needed to contact the consumer electronically. Also, the consumer, prior to consenting, would be required to be provided with a statement of the hardware and software requirements for access to and retention of the electronic records, and to consent electronically in a manner that reasonably demonstrates that the consumer can access information in the electronic form.

After the consumer's consent, if a change in the hardware or software requirements creates a material risk that the consumer would no longer be able to access the electronic record, the person providing the electronic record would be required to provide the consumer with a statement of the revised hardware and software requirements for access to the electronic records and the consumer would then have the right to withdraw consent without the imposition of any fees and without the imposition of any conditions or consequences.

The bill also provides that nothing in this act affects the content or timing of any disclosure or other record required to be provided to any consumer under any statute, regulation or other rule of law. The bill also provides that if a law enacted prior to this act expressly requires a record to be provided by a specified method that requires verification or acknowledgment of receipt, the record may be provided electronically only if the method used provides verification or acknowledgment of receipt.

The bill further provides that the legal effectiveness, validity or enforceability of any contract executed by a consumer could not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with the act, and that withdrawal of consent by a consumer would not affect the legal effectiveness, validity or enforceability of electronic records provided to that consumer prior to implementation of the consumer's withdrawal of consent.

In addition, the bill provides that the act does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of the act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

The bill also clarifies that an oral communication or a recording of an oral communication shall not qualify as an electronic record for purposes of this section except as otherwise provided under applicable law.

The bill contains a section of legislative findings and declarations. These findings provide that the recent adoption of the "Electronic Signatures in Global and National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000), popularly known as "federal E-Sign," encourages states to enact the Uniform Electronic Transactions Act proposed for adoption by the National Conference of Commissioners on Uniform State Laws; that the adoption of the Uniform Electronic Transactions Act will invoke the provisions of the "federal E-sign" law which state that the federal law will no longer preempt the laws of an enacting state; that the "federal E-sign" law provides that a state, in enacting the Uniform Electronic Transactions Act, may "modify, limit or supersede" the provisions of the federal law; and that it is the intention of the Legislature that the adoption of the Uniform Electronic Transactions Act in this State modify, limit and supersede the provisions of Pub. L. 106-229 to the fullest possible extent permitted under the federal law.

Finally, the bill repeals R.S.1:1-2.4, which is superseded by the act, and changes the effective date to provide that the act will take effect immediately, clarify the provisions of the bill with regard to the retention of electronic records, and provide for the establishment of the N.J. Center for Electronic Transactions and Informational Privacy within the Institute of Law, Science and Technology at Seton Hall University School of Law.

STATEMENT TO

[Second Reprint] SENATE, No. 1183

with Assembly Floor Amendments (Proposed By Assemblyman Corodemus)

ADOPTED: JANUARY 29, 2001

These floor amendments accomplish three things. First, the manner of referring to the additional exceptions in section 3 of the bill is amended to conform more closely to the federal law. The purpose of this amendment is to correct the manner in which the additional exclusions taken from the federal Electronic Signatures in Global and Electronic Commerce legislation (P.L.106-229) are expressed. These additional exclusions are moved to a new subsection c. in section 3 of the bill, and existing subsections c. and d. are re-lettered accordingly.

Second, an additional section is added to the bill to clarify the meaning of the term "statute, regulation or other rule of law" and the reference in one section of the bill to "official court documents." The purpose of this new section is to clarify that the term "other rule of law" in the phrase "statute, regulation or other rule of law" as used throughout the bill includes the New Jersey court rules. It also clarifies the reference to official court documents in section 3. This is not proposed as an amendment to the section on definitions but as an additional section to keep the main body of the bill in close conformity with the text of the official version of the Uniform Electronic Transactions Act, as required by the federal Electronic Signatures in Global and National Commerce Act (P.L.106-22). The federal law contains restraints on state law enactments of the UETA and this separate section is an effort to conform to those restraints.

Third, section 25 of the bill concerning the New Jersey Center for Electronic Transactions and Informational Privacy established within the Institute of Law, Science and Technology at Seton Hall University School of Law was amended to clarify that the Center shall collect and evaluate information on issues concerning electronic records and privacy and shall compile its findings and any recommendations for submission to the Secretary of State and governmental agencies of this State, as may be appropriate.

[Third Reprint] **SENATE, No. 1183**

STATE OF NEW JERSEY 209th LEGISLATURE

INTRODUCED MARCH 27, 2000

Sponsored by:

Senator JOSEPH M. KYRILLOS, JR. District 13 (Middlesex and Monmouth)

Co-Sponsored by:

Assemblymen Corodemus and Arnone

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As amended by the Assembly on January 29, 2001.



(Sponsorship Updated As Of: 1/30/2001)

AN ACT creating the "Uniform Electronic Transactions ¹[Act" and]

Act;" supplementing Title 12A of the New Jersey Statutes ¹and repealing R.S.1:1-2.4¹.

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5 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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8 1. This act shall be known and may be cited as the "Uniform 9 Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

- ¹ Senate SJU committee amendments adopted September 14, 2000.
- ² Senate floor amendments adopted September 21, 2000.
- ³ Assembly floor amendments adopted January 29, 2001.

instrumentality of the federal government or of a state or of a county,
municipality, or other political subdivision of a state.

3 "Information" means data, text, images, sounds, codes, computer 4 programs, software, databases or the like.

"Information processing system" means an electronic system for creating, generating, sending, receiving, storing, displaying or processing information.

8 "Person" means an individual, corporation, business trust, estate, 9 trust, partnership, limited liability company, association, joint venture, 10 governmental agency, public corporation, or any other legal or 11 commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 3. a. Except as provided in ³[subsection b.] subsections b. and c.³ of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- 34 b. This act does not apply to a transaction to the extent it is 35 governed by:
- 36 (1) a law governing the creation and execution of wills, codicils or testamentary trusts;
- 38 (2) the Uniform Commercial Code other than sections 1-107 and 39 1-206, Article 2 and Article 2A; ¹[and]¹
- 40 (3) ¹[other laws as may be excluded from the provisions of this act]
 41 <u>a statute, regulation or other rule of law governing adoption, divorce</u>
 42 <u>or other matters of family law</u> ³[;].
- 43 c. This act does not apply to:³
- 44 $\frac{3}{2}$ [(4)] (1)³ court orders or notices or official court documents
- 45 (including briefs, pleadings and other writings) required to be executed
- 46 <u>in connection with court proceedings</u>;

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1	$^{3}[(5)](2)^{3}$	any notice of:	

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- (a) the cancellation or termination of utility services (including
 water, heat and power);
- (b) the default, acceleration, repossession, foreclosure or eviction,
 or the right to cure, under a credit agreement secured by, or a rental
 agreement for, a primary residence of an individual;
- (c) the cancellation or termination of health insurance benefits or
 life insurance benefits (excluding annuities); or
- 9 (d) the recall of a product, or material failure of a product, that 10 risks endangering health or safety; or
- 3 [(6)](3)³ any document required to accompany any transportation
 or handling of hazardous materials, pesticides or other toxic or
 dangerous materials¹.
 - ³[c.] <u>d.</u>³ This act applies to an electronic record or electronic signature otherwise excluded from the application of this act under subsection b. of this section to the extent it is governed by a law other than those specified in subsection b. of this section.
- ³[d.] <u>e.</u> A transaction subject to this act is subject also to other applicable substantive law.
 - 4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.
 - 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
 - b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means. Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances, including the parties' conduct.
 - c. A party that agrees to conduct a transaction by electronic means may refuse to conduct other transactions by electronic means. The right granted by this subsection may not be waived by agreement.
 - d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
 - e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.
- 6. This act shall be construed and applied:
- 45 a. to facilitate electronic transactions consistent with other 46 applicable law;

- b. to be consistent with reasonable practices concerning electronic
 transactions and with the continued expansion of those practices; and
- c. to effectuate its general purpose to make uniform the law with
 respect to the subject of this act among the states enacting it.

- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely
 because an electronic record was used in its formation.
- 10 c. If a law requires a record to be in writing, an electronic record satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

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- 15 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver 16 17 information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, 18 19 in an electronic record capable of retention by the recipient at the time 20 of receipt. An electronic record is not capable of retention by the 21 recipient if the sender or its information processing system inhibits the 22 ability of the recipient to print or store the electronic record.
 - b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
- 27 (1) The record shall be posted or displayed in the manner specified 28 in the other law.
 - (2) Except as otherwise provided in paragraph (2) of subsection d. of this section, the record shall be sent, communicated or transmitted by the method specified in the other law.
- 32 (3) The record shall contain the information formatted in the 33 manner specified in the other law.
 - c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
- d. The requirements of this section may not be varied by agreement, but:
- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
- 44 (2) a requirement under a law other than this act to send, 45 communicate, or transmit a record by United States mail, may be 46 varied by agreement to the extent permitted by the other law.

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- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
 - b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
- 39 d. Subsections b. and c. of this section may not be varied by 40 agreement.

11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be

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1 included by other applicable law, is attached to or logically associated 2 with the signature or record.

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- 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
- (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
 - (2) remains accessible for later reference.
- b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are satisfied.
- d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
- e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
- f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
- g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

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- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.

1 c. The terms of the contract are determined by the substantive law applicable to it.

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- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- 6 (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
 - (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
 - (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
 - c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
 - d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
 - (1) If the sender or recipient has more than one place of business, the place of business of that person is the place having the closest relationship to the underlying transaction.
 - (2) If the sender or the recipient does not have a place of business, the place of business is the sender's or recipient's residence, as the case may be.
- e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
- f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under

- subsection b. of this section, was not actually sent or received, the
- 2 legal effect of the sending or receipt is determined by other applicable
- 3 law. Except to the extent permitted by the other law, the requirements
- 4 of this subsection may not be varied by agreement.

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- 6 16. a. As used in this section "transferable record" means an electronic record that:
- 8 (1) would be a note under Article 3 of the Uniform Commercial 9 Code or a document under Article 7 of the Uniform Commercial Code 10 if the electronic record were in writing; and
- 11 (2) the issuer of the electronic record expressly has agreed is a transferable record.
- b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- 25 (b) if the authoritative copy indicates that the transferable record 26 has been transferred, the person to which the transferable record was 27 most recently transferred;
- 28 (3) the authoritative copy is communicated to and maintained by 29 the person asserting control or its designated custodian;
- 30 (4) copies or revisions that add or change an identified assignee of 31 the authoritative copy may be made only with the consent of the 32 person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
- 35 (6) any revision of the authoritative copy is readily identifiable as 36 authorized or unauthorized.
- d. Except as otherwise agreed, a person having control of a 37 38 transferable record is the holder, as defined in section 1-201 of the 39 Uniform Commercial Code of the transferable record and has the same 40 rights and defenses as a holder of an equivalent record or writing 41 under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder 42 in due course, a holder to which a negotiable document of title has 43 44 been duly negotiated or a purchaser. Delivery, possession and 45 indorsement are not required to obtain or exercise any of the rights
- 46 under this subsection.

- e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
- f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

1	19. The Secretary of State shall adopt standards to encourage and
2	promote consistency and interoperability with similar requirements
3	adopted by other governmental agencies of this and other states and
4	the federal government, and nongovernmental persons interacting with
5	governmental agencies of this State. If appropriate, those standards
6	may specify differing levels of standards from which governmental
7	agencies of this State may chose in implementing the most appropriate
8	standard for a particular application.
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10	20. If any provision of this act or its application to any person or
11	circumstance is held invalid, the invalidity shall not affect other
12	provisions or applications of this act which can be given effect without
13	the invalid provision or application and, to this end, the provisions of
14	this act are severable.
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16	¹ 21. a. Notwithstanding any other provision of this act, if a law or
17	regulation requires that information relating to the transaction be
18	provided or made available to a consumer in writing, the use of an
19	electronic record to provide or make available (whichever is required)
20	such information satisfies the requirement that such information be in
21	writing if:
22	(1) the consumer has affirmatively consented to such use and has
23	not withdrawn such consent;
24	(2) the consumer, prior to consenting, is provided with a clear and
25	conspicuous statement:
26	(a) informing the consumer of:
27	(i) any right or option of the consumer to have the record provided
28	or made available on paper or in nonelectronic form, and
29	(ii) the right of the consumer to withdraw the consent to have the
30	record provided or made available in an electronic form and of any
31	conditions, consequences (which may include termination of the
32	parties' relationship), or fees in the event of such withdrawal;
33	(b) informing the consumer of whether the consent applies:
34	(i) only to the particular transaction which gave rise to the
35	obligation to provide the record, or
36	(ii) to identified categories of records that may be provided or made
37	available during the course of the parties' relationship;
38	(c) describing the procedures the consumer must use to withdraw
39	consent as provided in a.(2)(a) of this section and to update
40	information needed to contact the consumer electronically; and
41	(d) informing the consumer:
42	(i) how, after the consent, the consumer may, upon request, obtain
43	a paper copy of an electronic record, and
44	(ii) whether any fee will be charged for such copy;

(3) the consumer:

- 1 (a) prior to consenting, is provided with a statement of the 2 hardware and software requirements for access to and retention of the 3 electronic records; and
- (b) consents electronically, or confirms his or her consent electronically, in a manner that reasonably demonstrates that the consumer can access information in the electronic form that will be used to provide the information that is the subject of the consent; and
- (4) after the consent of a consumer in accordance with a.(1) of this section, if a change in the hardware or software requirements needed to access or retain electronic records creates a material risk that the consumer will not be able to access or retain a subsequent electronic record that was the subject of the consent, the person providing the
- 14 (a) provides the consumer with a statement of:

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electronic record:

- (i) the revised hardware and software requirements for access to
 and retention of the electronic records; and
- (ii) the right to withdraw consent without the imposition of any fees for such withdrawal and without the imposition of any condition or consequence that was not disclosed under a.(2)(a) of this section; and (b) again complies with a.(3) of this section.
 - b. Nothing in this act affects the content or timing of any disclosure or other record required to be provided or made available to any consumer under any statute, regulation, or other rule of law.
 - c. If a law that was enacted prior to this act expressly requires a record to be provided or made available by a specified method that requires verification or acknowledgment of receipt, the record may be provided or made available electronically only if the method used provides verification or acknowledgment of receipt (whichever is required).
- d. The legal effectiveness, validity or enforceability of any contract executed by a consumer shall not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with a.(3)(b) of this section.
- 34 e. Withdrawal of consent by a consumer shall not affect the legal 35 effectiveness, validity or enforceability of electronic records provided 36 or made available to that consumer in accordance with subsection a. 37 prior to implementation of the consumer's withdrawal of consent. A 38 consumer's withdrawal of consent shall be effective within a reasonable 39 period of time after receipt of the withdrawal by the provider of the 40 record. Failure to comply with a.(4) of this section may, at the 41 election of the consumer, be treated as a withdrawal of consent for 42 purposes of this subsection.
- f. This subsection does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of this act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

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1	g. An oral communication or a recording of an oral communication
2	shall not qualify as an electronic record for purposes of this section
3	except as otherwise provided under applicable law. 1
4 5	100 The Legislature finds and declares.
	¹ 22. The Legislature finds and declares:
6	That the adoption of the "Electronic Signatures in Global and
7	National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000),
8	popularly known as "federal E-Sign," encourages states to enact the
9	Uniform Electronic Transactions Act proposed for adoption by the
10	National Conference of Commissioners on Uniform State Laws; and
11	That the adoption of the Uniform Electronic Transactions Act will
12	invoke the provisions of Section 102 of Pub. L. 106-229 which state
13	that federal law will no longer preempt the laws of an enacting state;
14	and
15	That Section 102 of Pub. L. 106-229 provides that a state, in
16	enacting the Uniform Electronic Transactions Act, may "modify, limit
17	or supersede" the provisions of the federal law; and
18	That it is desirable for this State to take the fullest possible
19	advantage of the ability to "modify, limit or supersede" Pub. L. 106-
20	229; and
21	That it is the intention of the Legislature that the adoption of the
22	Uniform Electronic Transactions Act in this State modify, limit and
23	supersede the provisions of Pub. L. 106-229 to the fullest possible
24	extent permitted under the federal law. ¹
25	2
26	² 23. Under the provisions of subsection a. of section 8, an
27	electronic record, to be capable of retention by the recipient at the
28	time of receipt, must be capable of being retained and accurately
29	reproduced for later reference by all persons who are entitled to retain
30	the record. ²
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32	² 24. Under the provisions of paragraph (2) of subsection a. of
33	section 12, a record of information remains accessible for later
34	reference if it remains accessible to all persons who are entitled to
35	access by statute, regulation or rule of law, for the period required by
36	such statute, regulation or rule of law, in a form that is capable of
37	being accurately reproduced for later reference, whether by
38	transmission, printing, or otherwise. ²
39	2
40	² 25. The New Jersey Center for Electronic Transactions and
41	Informational Privacy shall be established within the Institute of Law,
42	Science and Technology at Seton Hall University School of Law. The
43	Center shall ³ [provide legal research and advisement] collect and
44	evaluate information on issues concerning electronic records and
45	privacy and shall compile its findings and any recommendations for
46	submission ³ to the Secretary of State and governmental agencies of

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1	this State ³ [on issues concerning electronic records and privacy], as
2	may be appropriate ³ . ²
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4	³ 26. For purposes of this act, references to "statute, regulation or
5	other rule of law" shall include the Rules Governing the Courts of the
6	State of New Jersey and the reference to "court orders or notices or
7	official court documents" as used in paragraph (1) of subsection c. of
8	section 3 of this act shall include all official court documents governed
9	by the Rules Governing the Courts of the State of New Jersey. ³
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11	² [¹ 23.] ³ [26. ²] 27. ³ R.S.1:1-2.4 is hereby repealed. ¹
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13	$^{1}[21.]^{2}[\underline{24.}^{1}]^{3}[\underline{27.}^{2}]^{28.}^{3}$ This act shall take effect $^{1}[$ on the
14	120th day after enactment] immediately ¹ .

ASSEMBLY, No. 2497

STATE OF NEW JERSEY

209th LEGISLATURE

INTRODUCED MAY 22, 2000

Sponsored by: Assemblyman STEVE CORODEMUS District 11 (Monmouth)

Co-Sponsored by: Assemblyman Arnone

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As introduced.



(Sponsorship Updated As Of: 6/16/2000)

1 **AN ACT** creating the "Uniform Electronic Transactions Act" and supplementing Title 12A of the New Jersey Statutes.

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4 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or instrumentality of the federal government or of a state or of a county, municipality, or other political subdivision of a state.

"Information" means data, text, images, sounds, codes, computer programs, software, databases or the like.

"Information processing system" means an electronic system for 45 creating, generating, sending, receiving, storing, displaying or 46 processing information.

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1 "Person" means an individual, corporation, business trust, estate, 2 trust, partnership, limited liability company, association, joint venture, 3 governmental agency, public corporation, or any other legal or 4 commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in 6 perceivable form.

8 "Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the 10 information in an electronic record. The term includes a procedure 12 that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 3. a. Except as provided in subsection b. of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- 27 b. This act does not apply to a transaction to the extent it is 28 governed by:
- 29 (1) a law governing the creation and execution of wills, codicils or 30 testamentary trusts;
- (2) the Uniform Commercial Code other than sections 1-107 and 31 32 1-206, Article 2 and Article 2A; and
 - (3) other laws as may be excluded from the provisions of this act.
- 34 c. This act applies to an electronic record or electronic signature otherwise excluded from the application of this act under subsection 35 b. of this section to the extent it is governed by a law other than those 36 37 specified in subsection b. of this section.
- 38 A transaction subject to this act is subject also to other 39 applicable substantive law.

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4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.

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45 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise 46

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- 1 processed or used by electronic means or in electronic form.
- 2 b. This act applies only to transactions between parties each of
- 3 which has agreed to conduct transactions by electronic means.
- 4 Whether the parties agree to conduct a transaction by electronic means
- is determined from the context and surrounding circumstances, 5
- 6 including the parties' conduct.
- 7 c. A party that agrees to conduct a transaction by electronic means 8 may refuse to conduct other transactions by electronic means. The 9 right granted by this subsection may not be waived by agreement.
- 10 d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain 12 provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions 14 may not be varied by agreement.
 - e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

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- 6. This act shall be construed and applied:
- to facilitate electronic transactions consistent with other 19 20 applicable law;
 - b. to be consistent with reasonable practices concerning electronic transactions and with the continued expansion of those practices; and
 - c. to effectuate its general purpose to make uniform the law with respect to the subject of this act among the states enacting it.

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- 26 7. a. A record or signature may not be denied legal effect or 27 enforceability solely because it is in electronic form.
- 28 b. A contract may not be denied legal effect or enforceability solely 29 because an electronic record was used in its formation.
- 30 c. If a law requires a record to be in writing, an electronic record 31 satisfies the law.
- 32 d. If a law requires a signature, an electronic signature satisfies the 33 law.

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- 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, in an electronic record capable of retention by the recipient at the time of receipt. An electronic record is not capable of retention by the recipient if the sender or its information processing system inhibits the ability of the recipient to print or store the electronic record.
- 43 b. If a law other than this act requires a record to be posted or 44 displayed in a certain manner, to be sent, communicated or transmitted 45 by a specified method, or to contain information that is formatted in a certain manner, the following apply: 46

- 1 (1) The record shall be posted or displayed in the manner specified 2 in the other law.
- 3 (2) Except as otherwise provided in paragraph (2) of subsection d. 4 of this section, the record shall be sent, communicated or transmitted 5 by the method specified in the other law.
- 6 (3) The record shall contain the information formatted in the manner specified in the other law.
- 8 c. If a sender inhibits the ability of a recipient to store or print an 9 electronic record, the electronic record is not enforceable against the 10 recipient.
- 11 d. The requirements of this section may not be varied by 12 agreement, but:

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- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
- (2) a requirement under a law other than this act to send, communicate, or transmit a record by United States mail, may be varied by agreement to the extent permitted by the other law.

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3. a. An electronic record or electronic signature is attributable
23 to a person if it was the act of the person. The act of the person may

- to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
- b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:

- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the

1 time the individual learns of the error, the individual:

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- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- has not used or received any benefit or value from the 10 consideration, if any, received from the other person.
 - c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
 - d. Subsections b. and c. of this section may not be varied by agreement.
 - 11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be included by other applicable law, is attached to or logically associated with the signature or record.
 - 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
 - (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
- 30 (2) remains accessible for later reference.
 - b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- 34 c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are 35 36 satisfied.
 - d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
 - e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
- f. A record retained as an electronic record in accordance with 45 subsection a. of this section satisfies a law requiring a person to retain 46

a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.

g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

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- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.
- c. The terms of the contract are determined by the substantive law applicable to it.

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- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
- (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
- (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
- (2) is in a form capable of being processed by that system.
- 44 c. Subsection b. of this section applies even if the place the 45 information processing system is located is different from the place the 46 electronic record is deemed to be received under subsection d. of this

1 section.

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- 2 d. Unless otherwise expressly provided in the electronic record or 3 agreed between the sender and the recipient, an electronic record is 4 deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this 5 6 subsection, the following rules apply:
 - (1) If the sender or recipient has more than one place of business, the place of business of that person is the place having the closest relationship to the underlying transaction.
- 10 (2) If the sender or the recipient does not have a place of business, the place of business is the sender's or recipient's residence, as the case 12 may be.
 - e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
 - f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
 - g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under subsection b. of this section, was not actually sent or received, the legal effect of the sending or receipt is determined by other applicable law. Except to the extent permitted by the other law, the requirements of this subsection may not be varied by agreement.

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- 16. a. As used in this section "transferable record" means an electronic record that:
- (1) would be a note under Article 3 of the Uniform Commercial Code or a document under Article 7 of the Uniform Commercial Code if the electronic record were in writing; and
- 31 (2) the issuer of the electronic record expressly has agreed is a 32 transferable record.
 - b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
- 44 (a) the person to which the transferable record was issued; or
- 45 (b) if the authoritative copy indicates that the transferable record has been transferred, the person to which the transferable record was 46

1 most recently transferred;

- (3) the authoritative copy is communicated to and maintained by the person asserting control or its designated custodian;
- 4 (4) copies or revisions that add or change an identified assignee of 5 the authoritative copy may be made only with the consent of the 6 person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
 - (6) any revision of the authoritative copy is readily identifiable as authorized or unauthorized.
 - d. Except as otherwise agreed, a person having control of a transferable record is the holder, as defined in section 1-201 of the Uniform Commercial Code of the transferable record and has the same rights and defenses as a holder of an equivalent record or writing under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder in due course, a holder to which a negotiable document of title has been duly negotiated or a purchaser. Delivery, possession and indorsement are not required to obtain or exercise any of the rights under this subsection.
 - e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
 - f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may

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	specify	
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- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

19. The Secretary of State shall adopt standards to encourage and promote consistency and interoperability with similar requirements adopted by other governmental agencies of this and other states and the federal government, and nongovernmental persons interacting with governmental agencies of this State. If appropriate, those standards may specify differing levels of standards from which governmental agencies of this State may chose in implementing the most appropriate standard for a particular application.

20. If any provision of this act or its application to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of this act which can be given effect without the invalid provision or application and, to this end, the provisions of this act are severable.

21. This act shall take effect on the 120th day after enactment.

STATEMENT

This bill concerns electronic records and electronic signatures. It is based on the final draft of the report issued by the National Conference of Commissioners on Uniform State Laws in July, 1999 known as the "Uniform Electronic Transactions Act" (UETA).

It is the sponsor's intent that this bill be construed and applied to facilitate electronic transactions.

1 UETA applies only to transactions in which each party has agreed

- 2 by some means to conduct them electronically. Agreement is essential.
- 3 Parties to electronic transactions come under UETA, but they may
- 4 also opt out. They may vary, waive or disclaim most of the provisions
- 5 of UETA by agreement, even if it is agreed that business will be
- 6 transacted by electronic means. The rules in UETA are almost all
- 7 default rules that apply if the terms of an agreement do not govern.
- 8 The objective of UETA is to ensure that transactions in the
- 9 electronic marketplace are as enforceable as transactions memorialized
- 10 on paper and with manual signatures, but without changing the
- substantive rules of law that apply. Thus, the objective of the bill is
- 12 limited providing that an electronic record of a transaction is the
- 13 equivalent of a paper record, and that an electronic signature will be
- 14 given the same legal effect as a manual signature.
- 15 The basic rules are found in section 7 of UETA. The fundamental
- rule in section 7 provides that a record or signature may not be denied
- 17 legal effect or enforceability solely because it is in electronic form.
- 18 The second rule says that a contract may not be denied legal effect or
- 19 enforceability solely because an electronic record was used in its
- 20 formation. The third rule states that any law that requires a writing
- 21 will be satisfied by an electronic record. And the fourth basic rule
- 22 provides that any signature requirement in the law will be met if there
- 23 is an electronic signature.
- Almost all other rules in UETA serve the principles set out in
- 25 section 7, and answer basic questions about the use of electronic
- 26 records and signatures. Thus, section 15 determines when information
- 27 is legally delivered in electronic form. It establishes when electronic
- 28 delivery occurs--when an electronic record capable of retention by the
- 29 recipient is legally sent and received since the traditional and statutory
- 30 rules that govern mail delivery of a paper memorializing a transaction
- 31 are not applicable to electronic transactions.
- The rule on attribution is found in section 9 of the bill. Electronic
- transactions may be faceless transactions between strangers. UETA
- 34 states that a signature is attributable to a person if it is an act of that
- 35 person, and that act may be shown in any manner. If a security
- 36 procedure is used, its efficacy in establishing the attribution may be
- 37 shown.
- 38 UETA may not be characterized as a digital signature statute
- 39 although it does facilitate the use of digital signatures and other
- 40 security procedures. Section 10 provides rules on errors and changes
- 41 in messages. It favors the party who conforms to the security
- 42 procedure used in the specific transaction against the party who does
- and not, in the event there is a dispute over the content.
- Nothing in the UETA requires the use of a digital signature or any
- 45 security procedure. It is technologically neutral. UETA is procedural
- 46 in nature rather than substantive. It does not require the use of

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- 1 electronic transactions or reliance upon electronic records and
- 2 signatures. It does not prohibit paper records and manual signatures.
- 3 Basic rules of law, like the general and statutory law of contracts,
- 4 continue to apply.
- 5 There are three provisions in UETA that deviate from the basic
- 6 rules in section 7. First, UETA excludes transactions subject to the
- 7 Uniform Commercial Code, with certain exceptions, laws governing
- 8 estates and trusts, and any other specific laws that a state exempts
- 9 from the bill.
- Second, UETA provides for "transferable records" in section 16.
- Notes under Article 3 and documents under Article 7 of the Uniform
- 12 Commercial Code are "transferable records" when in electronic form.
- 13 Third, UETA validates contracts formed by electronic agents.
- 14 Electronic agents are computer programs that are implemented by
- 15 their principals to do business in electronic form. Section 14 provides
- 16 that a person may form a contract by using an electronic agent. The
- 17 principal, the person or entity which provides the program to do
- business, is bound by the contract that its agent makes.
- 19 Section 17 provides that each governmental agency shall determine
- 20 whether, and the extent to which, it will create and retain electronic
- 21 records and convert written records to electronic records.
- 22 Additionally, each executive agency shall comply with standards
- 23 adopted by the Secretary of State. Section 19 provides that the
- 24 Secretary of State shall set standards that promote consistency and
- 25 interoperability between state agencies with respect to the use of
- 26 electronic records and signatures.

ASSEMBLY TELECOMMUNICATIONS AND UTILITIES COMMITTEE

STATEMENT TO

ASSEMBLY, No. 2497

with committee amendments

STATE OF NEW JERSEY

DATED: JANUARY 18, 2001

The Assembly Telecommunications and Utilities Committee reports favorably and with committee amendments Assembly Bill No. 2497.

As amended, this bill proposes the enactment of the "Uniform Electronic Transaction Act" (UETA) which is based on the final draft of a report issued by the National Conference on Uniform State Laws in July, 1999.

UETA applies only to transactions in which each party has agreed by some means to conduct them electronically. Agreement is essential. Parties to electronic transactions come under UETA, but they may also opt out. They may vary, waive or disclaim most of the provisions of UETA by agreement, even if it is agreed that business will be transacted by electronic means. The rules in UETA are almost all default rules that apply if the terms of an agreement do not govern.

The objective of UETA is to ensure that transactions in the electronic marketplace are as enforceable as transactions memorialized on paper and with manual signatures, but without changing the substantive rules of law that apply. Thus, the objective of the bill is limited providing that an electronic record of a transaction is the equivalent of a paper record, and that an electronic signature will be given the same legal effect as a manual signature.

The basic rules are found in section 7 of UETA. The fundamental rule in section 7 provides that a record or signature may not be denied legal effect or enforceability solely because it is in electronic form. The second rule says that a contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation. The third rule states that any law that requires a writing will be satisfied by an electronic record. And the fourth basic rule provides that any signature requirement in the law will be met if there is an electronic signature.

Almost all other rules in UETA serve the principles set out in section 7, and answer basic questions about the use of electronic records and signatures. Thus, section 15 determines when information is legally delivered in electronic form. It establishes when electronic

delivery occurs--when an electronic record capable of retention by the recipient is legally sent and received since the traditional and statutory rules that govern mail delivery of a paper memorializing a transaction are not applicable to electronic transactions.

The rule on attribution is found in section 9 of the bill. Electronic transactions may be faceless transactions between strangers. UETA states that a signature is attributable to a person if it is an act of that person, and that act may be shown in any manner. If a security procedure is used, its efficacy in establishing the attribution may be shown.

UETA may not be characterized as a digital signature statute although it does facilitate the use of digital signatures and other security procedures. Section 10 provides rules on errors and changes in messages. It favors the party who conforms to the security procedure used in the specific transaction against the party who does not, in the event there is a dispute over the content.

Nothing in the UETA requires the use of a digital signature or any security procedure. It is technologically neutral. UETA is procedural in nature rather than substantive. It does not require the use of electronic transactions or reliance upon electronic records and signatures. It does not prohibit paper records and manual signatures. Basic rules of law, like the general and statutory law of contracts, continue to apply.

There are three provisions in UETA that deviate from the basic rules in section 7. First, UETA excludes transactions subject to the Uniform Commercial Code, with certain exceptions, laws governing estates and trusts, and any other specific laws that a state exempts from the bill.

Second, UETA provides for "transferable records" in section 16. Notes under Article 3 and documents under Article 7 of the Uniform Commercial Code are "transferable records" when in electronic form.

Third, UETA validates contracts formed by electronic agents. Electronic agents are computer programs that are implemented by their principals to do business in electronic form. Section 14 provides that a person may form a contract by using an electronic agent. The principal, the person or entity which provides the program to do business, is bound by the contract that its agent makes.

Section 17 provides that each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State. Section 19 provides that the Secretary of State shall set standards that promote consistency and interoperability between state agencies with respect to the use of electronic records and signatures.

The amendments adopted by the committee provide that the act would not apply to the following:

C laws governing adoption, divorce or other family laws matters;

- C court orders or court documents;
- C cancellation notices for public utilities;
- C notices of default, repossession, foreclosure or eviction under a credit agreement secured by an individual's residence;
- C the cancellation of health insurance or life insurance benefits;
- C the recall of products which risk endangering health or safety; or
- to any documents required to accompany the transportation or handling of hazardous or toxic materials.

The amendments also add a provision concerning consumers' rights. This provision provides that, if a law or regulation requires that information be provided in writing, the use of an electronic record will satisfy the "writing" requirement if the consumer has affirmatively consented to the use of the electronic record and has not withdrawn such consent and if the consumer, prior to consenting, receives a clear and conspicuous statement of any right of the consumer to have the record provided on paper, and of any right to withdraw the consent to have the record provided in electronic form. The notice would also require that the consumer be informed of any fees, conditions or consequences, which may include termination of the parties' relationship, in the event of the consumer's withdrawal of consent.

The notice would inform the consumer whether the consent applies only to the particular transaction, or to identified categories of records that may be provided during the course of the parties' relationship. In addition, the notice would describe the procedures the consumer must use to withdraw consent and to update information needed to contact the consumer electronically. Also, the consumer, prior to consenting, would be required to be provided with a statement of the hardware and software requirements for access to and retention of the electronic records, and to consent electronically in a manner that reasonably demonstrates that the consumer can access information in the electronic form.

After the consumer's consent, if a change in the hardware or software requirements creates a material risk that the consumer would no longer be able to access the electronic record, the person providing the electronic record would be required to provide the consumer with a statement of the revised hardware and software requirements for access to the electronic records and the consumer would then have the right to withdraw consent without the imposition of any fees and without the imposition of any conditions or consequences.

The amendments adopted by the committee provide that nothing in this act affects the content or timing of any disclosure or other record required to be provided to any consumer under any statute, regulation or other rule of law. The amendments also provide that if a law enacted prior to this act expressly requires a record to be provided by a specified method that requires verification or acknowledgment of receipt, the record may be provided electronically only if the method used provides verification or acknowledgment of receipt.

The amendments also provide that the legal effectiveness, validity or enforceability of any contract executed by a consumer could not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with the act, and that withdrawal of consent by a consumer would not affect the legal effectiveness, validity or enforceability of electronic records provided to that consumer prior to implementation of the consumer's withdrawal of consent.

The amendments also provide that the act does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of the act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.

In addition, the amendments clarify that an oral communication or a recording of an oral communication shall not qualify as an electronic record for purposes of this section except as otherwise provided under applicable law.

The amendments also add a section of legislative findings and declarations. These findings provide that the recent adoption of the "Electronic Signatures in Global and National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000), popularly known as "federal E-Sign," encourages states to enact the Uniform Electronic Transactions Act proposed for adoption by the National Conference of Commissioners on Uniform State Laws; that the adoption of the Uniform Electronic Transactions Act will invoke the provisions of the "federal E-sign" law which state that the federal law will no longer preempt the laws of an enacting state; that the "federal E-sign" law provides that a state, in enacting the Uniform Electronic Transactions Act, may "modify, limit or supersede" the provisions of the federal law; and that it is the intention of the Legislature that the adoption of the Uniform Electronic Transactions Act in this State modify, limit and supersede the provisions of Pub. L. 106-229 to the fullest possible extent permitted under the federal law.

Finally, the amendments repeal R.S.1:1-2.4, which is superseded by the act, and change the effective date to provide that the act will take effect immediately, clarify the provisions of the bill with regard to the retention of electronic records, and provide for the establishment of the N.J. Center for Electronic Transactions and Informational Privacy within the Institute of Law, Science and Technology at Seton Hall University School of Law.

The amendments to this bill make it identical to Senate Bill No. 1183 (2R).

[First Reprint]

ASSEMBLY, No. 2497

STATE OF NEW JERSEY

209th LEGISLATURE

INTRODUCED MAY 22, 2000

Sponsored by: Assemblyman STEVE CORODEMUS District 11 (Monmouth)

Co-Sponsored by: Assemblyman Arnone

SYNOPSIS

Creates the "Uniform Electronic Transactions Act."

CURRENT VERSION OF TEXT

As reported by the Assembly Telecommunications and Utilities Committee on January 18, 2001, with amendments.



(Sponsorship Updated As Of: 6/16/2000)

1	AN ACT creating the "Uniform Electronic Transactions ¹ [Act" and]
2	Act:" supplementing Title 12A of the New Jersey Statutes and
3	repealing R.S.1:1-2.4 ¹ .

5 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

39 "Governmental agency" means an executive, legislative or judicial 40 agency, department, board, commission, authority, institution or 41 instrumentality of the federal government or of a state or of a county,

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹ Assembly ATU committee amendments adopted January 18, 2001.

1 municipality, or other political subdivision of a state.

"Information" means data, text, images, sounds, codes, computer programs, software, databases or the like.

4 "Information processing system" means an electronic system for 5 creating, generating, sending, receiving, storing, displaying or 6 processing information.

"Person" means an individual, corporation, business trust, estate, trust, partnership, limited liability company, association, joint venture, governmental agency, public corporation, or any other legal or commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

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- 30 3. a. Except as provided in subsection b. of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- 33 b. This act does not apply to a transaction to the extent it is 34 governed by:
- 35 (1) a law governing the creation and execution of wills, codicils or testamentary trusts;
- 37 (2) the Uniform Commercial Code other than sections 1-107 and 38 1-206, Article 2 and Article 2A; ¹[and]¹
- (3) ¹[other laws as may be excluded from the provisions of this act]
 a statute, regulation or other rule of law governing adoption, divorce
 or other matters of family law;
- 42 (4) court orders or notices or official court documents (including 43 briefs, pleadings and other writings) required to be executed in 44 connection with court proceedings;
- 45 <u>(5) any notice of :</u>
- 46 (a) the cancellation or termination of utility services (including

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- 1 water, heat and power);
- 2 (b) the default, acceleration, repossession, foreclosure or eviction,
- 3 or the right to cure, under a credit agreement secured by, or a rental
- 4 agreement for, a primary residence of an individual;
- 5 (c) the cancellation or termination of health insurance benefits or
- 6 <u>life insurance benefits (excluding annuities); or</u>
- 7 (d) the recall of a product, or material failure of a product, that 8 risks endangering health or safety; or
- 9 (6) any document required to accompany any transportation or 10 handling of hazardous materials, pesticides or other toxic or dangerous
- 11 <u>materials</u>¹.
- 12 c. This act applies to an electronic record or electronic signature 13 otherwise excluded from the application of this act under subsection 14 b. of this section to the extent it is governed by a law other than those
- 15 specified in subsection b. of this section.
- d. A transaction subject to this act is subject also to other applicable substantive law.

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4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.

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- 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means.
- Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances,
- 30 including the parties' conduct.
- 31 c. A party that agrees to conduct a transaction by electronic means 32 may refuse to conduct other transactions by electronic means. The 33 right granted by this subsection may not be waived by agreement.
 - d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
- e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

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- 42 6. This act shall be construed and applied:
- 43 a. to facilitate electronic transactions consistent with other 44 applicable law;
- b. to be consistent with reasonable practices concerning electronic transactions and with the continued expansion of those practices; and

1 c. to effectuate its general purpose to make uniform the law with 2 respect to the subject of this act among the states enacting it.

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- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely
 because an electronic record was used in its formation.
- 8 c. If a law requires a record to be in writing, an electronic record satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

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- 13 8. a. If parties have agreed to conduct a transaction by electronic 14 means and a law requires a person to provide, send, or deliver 15 information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, 16 in an electronic record capable of retention by the recipient at the time 17 18 of receipt. An electronic record is not capable of retention by the 19 recipient if the sender or its information processing system inhibits the 20 ability of the recipient to print or store the electronic record.
 - b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
 - (1) The record shall be posted or displayed in the manner specified in the other law.
 - (2) Except as otherwise provided in paragraph (2) of subsection d. of this section, the record shall be sent, communicated or transmitted by the method specified in the other law.
 - (3) The record shall contain the information formatted in the manner specified in the other law.
 - c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
 - d. The requirements of this section may not be varied by agreement, but:
 - (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
 - (2) a requirement under a law other than this act to send, communicate, or transmit a record by United States mail, may be varied by agreement to the extent permitted by the other law.

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9. a. An electronic record or electronic signature is attributable

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- to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
 - b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

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- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
- d. Subsections b. and c. of this section may not be varied by agreement.

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11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be included by other applicable law, is attached to or logically associated with the signature or record.

- 1 12. a. If a law requires that a record be retained, the requirement 2 is satisfied by retaining an electronic record of the information in the 3 record which:
- 4 (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or 5 6 otherwise: and
 - (2) remains accessible for later reference.

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- 8 b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- 11 c. A person may satisfy subsection a. of this section by using the 12 services of another person if the requirements of that subsection are 13 satisfied.
 - d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
 - e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this
 - f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
 - g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.
 - 13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

34 14. In an automated transaction, the following rules apply:

- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.
- 44 c. The terms of the contract are determined by the substantive law applicable to it.

- 1 15. a. Unless otherwise agreed between the sender and the 2 recipient, an electronic record is sent when it:
- 3 (1) is addressed properly or otherwise directed properly to an 4 information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the 5 6 type sent and from which the recipient is able to retrieve the electronic 7 record;
 - (2) is in a form capable of being processed by that system; and

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- 9 (3) enters an information processing system outside the control of 10 the sender or of a person that sent the electronic record on behalf of 11 the sender or enters a region of the information processing system 12 designated or used by the recipient which is under the control of the 13 recipient.
 - b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
 - (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
 - c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
 - d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
 - (1) If the sender or recipient has more than one place of business, the place of business of that person is the place having the closest relationship to the underlying transaction.
- 33 (2) If the sender or the recipient does not have a place of business, 34 the place of business is the sender's or recipient's residence, as the case 35 may be.
 - e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
 - f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under 44 subsection b. of this section, was not actually sent or received, the legal effect of the sending or receipt is determined by other applicable law. Except to the extent permitted by the other law, the requirements 46

of this subsection may not be varied by agreement.

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- 3 16. a. As used in this section "transferable record" means an 4 electronic record that:
- 5 (1) would be a note under Article 3 of the Uniform Commercial 6 Code or a document under Article 7 of the Uniform Commercial Code 7 if the electronic record were in writing; and
- 8 (2) the issuer of the electronic record expressly has agreed is a 9 transferable record.
 - b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
 - (b) if the authoritative copy indicates that the transferable record has been transferred, the person to which the transferable record was most recently transferred;
- 25 (3) the authoritative copy is communicated to and maintained by 26 the person asserting control or its designated custodian;
 - (4) copies or revisions that add or change an identified assignee of the authoritative copy may be made only with the consent of the person asserting control;
 - (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
 - (6) any revision of the authoritative copy is readily identifiable as authorized or unauthorized.
- 34 d. Except as otherwise agreed, a person having control of a transferable record is the holder, as defined in section 1-201 of the 35 Uniform Commercial Code of the transferable record and has the same 36 rights and defenses as a holder of an equivalent record or writing 37 38 under the Uniform Commercial Code including, if the applicable 39 statutory requirements are satisfied, the rights and defenses of a holder 40 in due course, a holder to which a negotiable document of title has 41 been duly negotiated or a purchaser. Delivery, possession and indorsement are not required to obtain or exercise any of the rights 42 43 under this subsection.
- e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.

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f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

19. The Secretary of State shall adopt standards to encourage and promote consistency and interoperability with similar requirements adopted by other governmental agencies of this and other states and

1	the federal government, and nongovernmental persons interacting with
2	governmental agencies of this State. If appropriate, those standards
3	may specify differing levels of standards from which governmental
4	agencies of this State may chose in implementing the most appropriate
5	standard for a particular application.
6	
7	20. If any provision of this act or its application to any person or
8	circumstance is held invalid, the invalidity shall not affect other
9	provisions or applications of this act which can be given effect without
10	the invalid provision or application and, to this end, the provisions of
11	this act are severable.
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13	¹ 21. a. Notwithstanding any other provision of this act, if a law or
14	regulation requires that information relating to the transaction be
15	provided or made available to a consumer in writing, the use of an
16	electronic record to provide or make available (whichever is required)
17	such information satisfies the requirement that such information be in
18	writing if:
19	(1) the consumer has affirmatively consented to such use and has
20	not withdrawn such consent;
21	(2) the consumer, prior to consenting, is provided with a clear and
22	conspicuous statement:
23	(a) informing the consumer of:
24	(i) any right or option of the consumer to have the record provided
25	or made available on paper or in nonelectronic form, and
26	(ii) the right of the consumer to withdraw the consent to have the
27	record provided or made available in an electronic form and of any
28	conditions, consequences (which may include termination of the
29	parties' relationship), or fees in the event of such withdrawal;
30	(b) informing the consumer of whether the consent applies:
31	(i) only to the particular transaction which gave rise to the
32	obligation to provide the record, or
33	(ii) to identified categories of records that may be provided or made
34	available during the course of the parties' relationship:
35	(c) describing the procedures the consumer must use to withdraw
36	consent as provided in a.(2)(a) of this section and to update
37	information needed to contact the consumer electronically; and
38	(d) informing the consumer:
39	(i) how, after the consent, the consumer may, upon request, obtain
40	a paper copy of an electronic record, and
41	(ii) whether any fee will be charged for such copy;
42	(3) the consumer:
43	(a) prior to consenting, is provided with a statement of the
44	hardware and software requirements for access to and retention of the
45	electronic records; and
46	(b) consents electronically, or confirms his or her consent

- 1 electronically, in a manner that reasonably demonstrates that the
- 2 consumer can access information in the electronic form that will be
- 3 used to provide the information that is the subject of the consent; and
- 4 (4) after the consent of a consumer in accordance with a.(1) of this
- 5 section, if a change in the hardware or software requirements needed
- 6 to access or retain electronic records creates a material risk that the
- 7 <u>consumer will not be able to access or retain a subsequent electronic</u>
- 8 record that was the subject of the consent, the person providing the
- 9 <u>electronic record:</u>
- 10 (a) provides the consumer with a statement of:
- (i) the revised hardware and software requirements for access to
- 12 and retention of the electronic records; and
- 13 (ii) the right to withdraw consent without the imposition of any fees
- 14 for such withdrawal and without the imposition of any condition or
- 15 consequence that was not disclosed under a.(2)(a) of this section; and
- 16 (b) again complies with a.(3) of this section.
- b. Nothing in this act affects the content or timing of any disclosure
- 18 or other record required to be provided or made available to any
- 19 consumer under any statute, regulation, or other rule of law.
- 20 c. If a law that was enacted prior to this act expressly requires a
- 21 record to be provided or made available by a specified method that
- 22 requires verification or acknowledgment of receipt, the record may be
- 23 provided or made available electronically only if the method used
- 24 provides verification or acknowledgment of receipt (whichever is
- 25 <u>required</u>).
- d. The legal effectiveness, validity or enforceability of any contract
- 27 executed by a consumer shall not be denied solely because of the
- 28 <u>failure to obtain electronic consent or confirmation of consent by that</u>
- 29 consumer in accordance with a.(3)(b) of this section.
- e. Withdrawal of consent by a consumer shall not affect the legal
- 31 <u>effectiveness, validity or enforceability of electronic records provided</u>
- 32 or made available to that consumer in accordance with subsection a.
- 33 prior to implementation of the consumer's withdrawal of consent. A
- 34 <u>consumer's withdrawal of consent shall be effective within a reasonable</u>
- 35 period of time after receipt of the withdrawal by the provider of the
- 36 record. Failure to comply with a.(4) of this section may, at the
- 37 <u>election of the consumer, be treated as a withdrawal of consent for</u>
- 38 purposes of this subsection.
- f. This subsection does not apply to any records that are provided
- 40 or made available to a consumer who has consented prior to the
- 41 <u>effective date of this act to receive such records in electronic form as</u>
- 42 permitted by any statute, regulation, or other rule of law.
- 43 g. An oral communication or a recording of an oral communication
- 44 shall not qualify as an electronic record for purposes of this section
- 45 <u>except as otherwise provided under applicable law.</u> ¹

A2497 [1R] CORODEMUS 13

1	¹ 22. The Legislature finds and declares:
2	That the adoption of the "Electronic Signatures in Global and
3	National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000),
4	popularly known as "federal E-Sign," encourages states to enact the
5	Uniform Electronic Transactions Act proposed for adoption by the
6	National Conference of Commissioners on Uniform State Laws; and
7	That the adoption of the Uniform Electronic Transactions Act will
8	invoke the provisions of Section 102 of Pub. L. 106-229 which state
9	that federal law will no longer preempt the laws of an enacting state;
10	<u>and</u>
11	That Section 102 of Pub. L. 106-229 provides that a state, in
12	enacting the Uniform Electronic Transactions Act, may "modify, limit
13	or supersede" the provisions of the federal law; and
14	That it is desirable for this State to take the fullest possible
15	advantage of the ability to "modify, limit or supersede" Pub. L. 106-
16	229; and
17	That it is the intention of the Legislature that the adoption of the
18	Uniform Electronic Transactions Act in this State modify, limit and
19	supersede the provisions of Pub. L. 106-229 to the fullest possible
20	extent permitted under the federal law. ¹
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22	¹ 23. Under the provisions of subsection a. of section 8, an
23	electronic record, to be capable of retention by the recipient at the
24	time of receipt, must be capable of being retained and accurately
25	reproduced for later reference by all persons who are entitled to retain
26	the record. ¹
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28	¹ 24. Under the provisions of paragraph (2) of subsection a. of
29	section 12, a record of information remains accessible for later
30	reference if it remains accessible to all persons who are entitled to
31	access by statute, regulation or rule of law, for the period required by
32	such statute, regulation or rule of law, in a form that is capable of
33	being accurately reproduced for later reference, whether by
34	transmission, printing, or otherwise. ¹
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36	¹ 25. The New Jersey Center for Electronic Transactions and
37	Informational Privacy shall be established within the Institute of Law,
38	Science and Technology at Seton Hall University School of Law. The
39	Center shall provide legal research and advisement to the Secretary of
40	State and governmental agencies of this State on issues concerning
41	electronic records and privacy. ¹
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43	¹ 26. R.S.1:1-2.4 is hereby repealed. ¹
44	1501 7 07 1 mm
45	¹ [21.] <u>27.</u> This act shall take effect ¹ [on the 120th day after
46	enactment] immediately ¹ .

Title 12A.
Chapter 12 (New)
Uniform Electronic
Transactions.
§§1-26
C.12A:12-1 to
12A:12-26
§27
Repealer

P.L. 2001, CHAPTER 116, approved June 26, 2001 Senate Bill No. 1183 (Third Reprint)

1	AN ACT creating the "Uniform Electronic Transactions ¹ [Act" and]
2	Act:" supplementing Title 12A of the New Jersey Statutes and
3	repealing R.S.1:1-2.4 ¹ .
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5 **BE IT ENACTED** by the Senate and General Assembly of the State of New Jersey:

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1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

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2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

30 "Electronic agent" means a computer program or an electronic or 31 other automated means used independently to initiate an action or 32 respond to electronic records or performances in whole or in part,

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹ Senate SJU committee amendments adopted September 14, 2000.

² Senate floor amendments adopted September 21, 2000.

³ Assembly floor amendments adopted January 29, 2001.

1 without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or instrumentality of the federal government or of a state or of a county, municipality, or other political subdivision of a state.

"Information" means data, text, images, sounds, codes, computer programs, software, databases or the like.

"Information processing system" means an electronic system for creating, generating, sending, receiving, storing, displaying or processing information.

"Person" means an individual, corporation, business trust, estate, trust, partnership, limited liability company, association, joint venture, governmental agency, public corporation, or any other legal or commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

- 3. a. Except as provided in ³ [subsection b.] subsections b. and c.³ of this section, this act applies to electronic records and electronic signatures relating to a transaction.
- b. This act does not apply to a transaction to the extent it is governed by:
- 44 (1) a law governing the creation and execution of wills, codicils or 45 testamentary trusts;
 - (2) the Uniform Commercial Code other than sections 1-107 and

- 1 1-206, Article 2 and Article 2A; ¹[and]¹
- 2 (3) ¹[other laws as may be excluded from the provisions of this act]
- 3 <u>a statute, regulation or other rule of law governing adoption, divorce</u>
- 4 or other matters of family law ³[:].
- 5 c. This act does not apply to:³
- 6 $\frac{3}{(4)}$ $\frac{3}{(1)}$ court orders or notices or official court documents
- 7 (including briefs, pleadings and other writings) required to be executed
- 8 <u>in connection with court proceedings;</u>
- 9 ${}^{3}[(5)](2)^{3}$ any notice of :
- (a) the cancellation or termination of utility services (including
 water, heat and power);
- 12 (b) the default, acceleration, repossession, foreclosure or eviction,
- or the right to cure, under a credit agreement secured by, or a rental
- 14 <u>agreement for, a primary residence of an individual:</u>
 - (c) the cancellation or termination of health insurance benefits or
- 16 <u>life insurance benefits (excluding annuities); or</u>
- 17 (d) the recall of a product, or material failure of a product, that
- 18 <u>risks endangering health or safety; or</u>
- 19 ³[(6)](3)³ any document required to accompany any transportation
- 20 or handling of hazardous materials, pesticides or other toxic or
- 21 <u>dangerous materials</u>¹.
- 22 ³[c.] <u>d.</u>³ This act applies to an electronic record or electronic
- 23 signature otherwise excluded from the application of this act under
- subsection b. of this section to the extent it is governed by a law other
- 25 than those specified in subsection b. of this section.
- ³[d.] <u>e.</u> A transaction subject to this act is subject also to other applicable substantive law.
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- 4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after
- 31 the effective date of this act.
- 32
- 5. a. This act does not require a record or signature to be created,
- 34 generated, stored, sent, communicated, received, stored or otherwise
- 35 processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of
- 37 which has agreed to conduct transactions by electronic means.
- 38 Whether the parties agree to conduct a transaction by electronic means
- 39 is determined from the context and surrounding circumstances,
- 40 including the parties' conduct.
- c. A party that agrees to conduct a transaction by electronic means
- 42 may refuse to conduct other transactions by electronic means. The
- 43 right granted by this subsection may not be waived by agreement.
- d. Except as otherwise provided in this act, the effect of any of its
- 45 provisions may be varied by agreement. The presence in certain
- 46 provisions of this act of the words "unless otherwise agreed," or words

of similar import, does not imply that the effect of other provisions may not be varied by agreement.

e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

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- 6. This act shall be construed and applied:
- 7 a. to facilitate electronic transactions consistent with other 8 applicable law;
 - b. to be consistent with reasonable practices concerning electronic transactions and with the continued expansion of those practices; and
- 11 c. to effectuate its general purpose to make uniform the law with 12 respect to the subject of this act among the states enacting it.

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- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely
 because an electronic record was used in its formation.
- 18 c. If a law requires a record to be in writing, an electronic record satisfies the law.
- d. If a law requires a signature, an electronic signature satisfies the law.

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- 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, in an electronic record capable of retention by the recipient at the time of receipt. An electronic record is not capable of retention by the recipient if the sender or its information processing system inhibits the ability of the recipient to print or store the electronic record.
- b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
- (1) The record shall be posted or displayed in the manner specifiedin the other law.
- 37 (2) Except as otherwise provided in paragraph (2) of subsection d. 38 of this section, the record shall be sent, communicated or transmitted 39 by the method specified in the other law.
- 40 (3) The record shall contain the information formatted in the 41 manner specified in the other law.
- c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
- d. The requirements of this section may not be varied by agreement, but:

- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement 3 to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
 - a requirement under a law other than this act to send, communicate, or transmit a record by United States mail, may be varied by agreement to the extent permitted by the other law.

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- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
- The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

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- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
- (1) promptly notifies the other person of the error and that the individual did not intend to be bound by the electronic record received by the other person;
- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- has not used or received any benefit or value from the consideration, if any, received from the other person.
- 45 c. If neither subsection a. or b. of this section applies, the change 46 or error has the effect provided by other law, including the law of

1 mistake, and the parties' contract, if any.

d. Subsections b. and c. of this section may not be varied by agreement.

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11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be included by other applicable law, is attached to or logically associated with the signature or record.

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- 12 12. a. If a law requires that a record be retained, the requirement 13 is satisfied by retaining an electronic record of the information in the 14 record which:
 - (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
 - (2) remains accessible for later reference.
 - b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
 - c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are satisfied.
 - d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
 - e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
 - f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
 - g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

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13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

- 45 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents

of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.

- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.
- c. The terms of the contract are determined by the substantive law applicable to it.

- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
- (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
- (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
- c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
- d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
- 41 (1) If the sender or recipient has more than one place of business, 42 the place of business of that person is the place having the closest 43 relationship to the underlying transaction.
- 44 (2) If the sender or the recipient does not have a place of business, 45 the place of business is the sender's or recipient's residence, as the case 46 may be.

- e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
 - f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under subsection b. of this section, was not actually sent or received, the legal effect of the sending or receipt is determined by other applicable law. Except to the extent permitted by the other law, the requirements of this subsection may not be varied by agreement.

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- 16. a. As used in this section "transferable record" means an electronic record that:
- 16 (1) would be a note under Article 3 of the Uniform Commercial 17 Code or a document under Article 7 of the Uniform Commercial Code 18 if the electronic record were in writing; and
- 19 (2) the issuer of the electronic record expressly has agreed is a 20 transferable record.
 - b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
 - c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
 - (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- 33 (b) if the authoritative copy indicates that the transferable record 34 has been transferred, the person to which the transferable record was 35 most recently transferred;
- 36 (3) the authoritative copy is communicated to and maintained by 37 the person asserting control or its designated custodian;
- 38 (4) copies or revisions that add or change an identified assignee of 39 the authoritative copy may be made only with the consent of the 40 person asserting control;
- 41 (5) each copy of the authoritative copy and any copy of a copy is 42 readily identifiable as a copy that is not the authoritative copy; and
- 43 (6) any revision of the authoritative copy is readily identifiable as 44 authorized or unauthorized.
- d. Except as otherwise agreed, a person having control of a transferable record is the holder, as defined in section 1-201 of the

- 1 Uniform Commercial Code of the transferable record and has the same
- 2 rights and defenses as a holder of an equivalent record or writing
- 3 under the Uniform Commercial Code including, if the applicable
- 4 statutory requirements are satisfied, the rights and defenses of a holder
- 5 in due course, a holder to which a negotiable document of title has
- 6 been duly negotiated or a purchaser. Delivery, possession and
- 7 indorsement are not required to obtain or exercise any of the rights
- 8 under this subsection.
 - e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
 - f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.

- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- 44 (3) control processes and procedures appropriate to ensure 45 adequate preservation, disposition, integrity, security, confidentiality 46 and auditability of electronic records; and

- 1 (4) any other required attributes for electronic records which are 2 currently specified for corresponding nonelectronic records, or 3 reasonably necessary under the circumstances.
 - c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

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19. The Secretary of State shall adopt standards to encourage and promote consistency and interoperability with similar requirements adopted by other governmental agencies of this and other states and the federal government, and nongovernmental persons interacting with governmental agencies of this State. If appropriate, those standards may specify differing levels of standards from which governmental agencies of this State may chose in implementing the most appropriate standard for a particular application.

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20. If any provision of this act or its application to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of this act which can be given effect without the invalid provision or application and, to this end, the provisions of this act are severable.

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- ¹21. a. Notwithstanding any other provision of this act, if a law or regulation requires that information relating to the transaction be provided or made available to a consumer in writing, the use of an electronic record to provide or make available (whichever is required) such information satisfies the requirement that such information be in writing if:
- (1) the consumer has affirmatively consented to such use and has
 not withdrawn such consent;
- (2) the consumer, prior to consenting, is provided with a clear and
 conspicuous statement:
 - (a) informing the consumer of:
- (i) any right or option of the consumer to have the record provided
 or made available on paper or in nonelectronic form, and
- (ii) the right of the consumer to withdraw the consent to have the
 record provided or made available in an electronic form and of any
 conditions, consequences (which may include termination of the
 parties' relationship), or fees in the event of such withdrawal;
 - (b) informing the consumer of whether the consent applies:
- 42 <u>(i) only to the particular transaction which gave rise to the</u> 43 <u>obligation to provide the record, or</u>
- (ii) to identified categories of records that may be provided or made
 available during the course of the parties' relationship;
- 46 (c) describing the procedures the consumer must use to withdraw

- 1 consent as provided in a.(2)(a) of this section and to update
- 2 information needed to contact the consumer electronically; and
- 3 (d) informing the consumer:
- 4 (i) how, after the consent, the consumer may, upon request, obtain
- 5 a paper copy of an electronic record, and
- 6 (ii) whether any fee will be charged for such copy;
- 7 (3) the consumer:
- 8 (a) prior to consenting, is provided with a statement of the
- 9 hardware and software requirements for access to and retention of the
- 10 electronic records; and
- 11 (b) consents electronically, or confirms his or her consent
- electronically, in a manner that reasonably demonstrates that the 12
- 13 consumer can access information in the electronic form that will be
- 14 used to provide the information that is the subject of the consent; and
- 15 (4) after the consent of a consumer in accordance with a.(1) of this
- section, if a change in the hardware or software requirements needed 16
- 17 to access or retain electronic records creates a material risk that the
- 18 consumer will not be able to access or retain a subsequent electronic
- record that was the subject of the consent, the person providing the 19
- 20 electronic record:
- 21 (a) provides the consumer with a statement of:
- (i) the revised hardware and software requirements for access to 22
- 23 and retention of the electronic records; and
- 24 (ii) the right to withdraw consent without the imposition of any fees
- 25 for such withdrawal and without the imposition of any condition or
- consequence that was not disclosed under a.(2)(a) of this section; and 26
- (b) again complies with a.(3) of this section. 27
- 28 b. Nothing in this act affects the content or timing of any disclosure
- 29 or other record required to be provided or made available to any
- 30 consumer under any statute, regulation, or other rule of law.
- 31 c. If a law that was enacted prior to this act expressly requires a
- 32 record to be provided or made available by a specified method that
- 33 requires verification or acknowledgment of receipt, the record may be
- 34 provided or made available electronically only if the method used
- provides verification or acknowledgment of receipt (whichever is 35
- 36 required).

- 37 d. The legal effectiveness, validity or enforceability of any contract
- 38 executed by a consumer shall not be denied solely because of the
- 39 failure to obtain electronic consent or confirmation of consent by that
- 40 consumer in accordance with a.(3)(b) of this section.
- 41 e. Withdrawal of consent by a consumer shall not affect the legal
- 42 effectiveness, validity or enforceability of electronic records provided
- 43 or made available to that consumer in accordance with subsection a.
- prior to implementation of the consumer's withdrawal of consent. A 45 consumer's withdrawal of consent shall be effective within a reasonable
- 46 period of time after receipt of the withdrawal by the provider of the

record. Failure to comply with a.(4) of this section may, at the 1 2 election of the consumer, be treated as a withdrawal of consent for purposes of this subsection. 3 4 f. This subsection does not apply to any records that are provided 5 or made available to a consumer who has consented prior to the effective date of this act to receive such records in electronic form as 6 7 permitted by any statute, regulation, or other rule of law. 8 g. An oral communication or a recording of an oral communication 9 shall not qualify as an electronic record for purposes of this section 10 except as otherwise provided under applicable law. 1 11 12 ¹ 22. The Legislature finds and declares: 13 That the adoption of the "Electronic Signatures in Global and 14 National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000), popularly known as "federal E-Sign," encourages states to enact the 15 Uniform Electronic Transactions Act proposed for adoption by the 16 17 National Conference of Commissioners on Uniform State Laws; and That the adoption of the Uniform Electronic Transactions Act will 18 invoke the provisions of Section 102 of Pub. L. 106-229 which state 19 20 that federal law will no longer preempt the laws of an enacting state; 21 That Section 102 of Pub. L. 106-229 provides that a state, in 22 23 enacting the Uniform Electronic Transactions Act, may "modify, limit 24 or supersede" the provisions of the federal law; and 25 That it is desirable for this State to take the fullest possible advantage of the ability to "modify, limit or supersede" Pub. L. 106-26 27 229; and 28 That it is the intention of the Legislature that the adoption of the 29 Uniform Electronic Transactions Act in this State modify, limit and 30 supersede the provisions of Pub. L. 106-229 to the fullest possible 31 extent permitted under the federal law.¹ 32 33 ²23. Under the provisions of subsection a. of section 8, an 34 electronic record, to be capable of retention by the recipient at the 35 time of receipt, must be capable of being retained and accurately 36 reproduced for later reference by all persons who are entitled to retain 37 the record.² 38 39 ²24. Under the provisions of paragraph (2) of subsection a. of 40 section 12, a record of information remains accessible for later reference if it remains accessible to all persons who are entitled to 41 42 access by statute, regulation or rule of law, for the period required by 43 such statute, regulation or rule of law, in a form that is capable of 44 being accurately reproduced for later reference, whether by

transmission, printing, or otherwise.²

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1	² 25. The New Jersey Center for Electronic Transactions and
2	Informational Privacy shall be established within the Institute of Law,
3	Science and Technology at Seton Hall University School of Law. The
4	Center shall ³ [provide legal research and advisement] collect and
5	evaluate information on issues concerning electronic records and
6	privacy and shall compile its findings and any recommendations for
7	submission ³ to the Secretary of State and governmental agencies of
8	this State ³ [on issues concerning electronic records and privacy], as
9	may be appropriate ³ . ²
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11	³ 26. For purposes of this act, references to "statute, regulation or
12	other rule of law" shall include the Rules Governing the Courts of the
13	State of New Jersey and the reference to "court orders or notices or
14	official court documents" as used in paragraph (1) of subsection c. of
15	section 3 of this act shall include all official court documents governed
16	by the Rules Governing the Courts of the State of New Jersey. ³
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18	² [¹ 23.] ³ [26. ²] 27. ³ R.S.1:1-2.4 is hereby repealed. ¹
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20	$^{1}[21.]^{2}[24.^{1}]^{3}[27.^{2}]^{28.^{3}}$ This act shall take effect $^{1}[$ on the
21	120th day after enactment] immediately ¹ .
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26	Creates the "Uniform Electronic Transactions Act."

CHAPTER 116

AN ACT creating the "Uniform Electronic Transactions Act;" supplementing Title 12A of the New Jersey Statutes and repealing R.S.1:1-2.4.

BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

C.12A:12-1 Short title.

1. This act shall be known and may be cited as the "Uniform Electronic Transactions Act."

C.12A:12-2 Definitions relative to electronic transactions.

2. As used in this act:

"Agreement" means the bargain of the parties in fact, as found in their language or inferred from other circumstances, and from rules, regulations and procedures given the effect of agreements under laws otherwise applicable to a particular transaction.

"Automated transaction" means a transaction conducted or performed, in whole or in part, by electronic means or electronic records, in which the acts or records of one or both parties are not reviewed by an individual in the ordinary course in forming a contract, performing under an existing contract or fulfilling an obligation required by the transaction.

"Computer program" means a set of statements or instructions to be used directly or indirectly in an information processing system in order to bring about a certain result.

"Contract" means the total legal obligation resulting from the parties' agreement as affected by this act and other applicable law.

"Electronic" means relating to technology having an electrical, digital, magnetic, wireless, optical, electromagnetic or similar capabilities.

"Electronic agent" means a computer program or an electronic or other automated means used independently to initiate an action or respond to electronic records or performances in whole or in part, without review or action by an individual.

"Electronic record" means a record created, generated, sent, communicated, received or stored by electronic means.

"Electronic signature" means an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record.

"Governmental agency" means an executive, legislative or judicial agency, department, board, commission, authority, institution or instrumentality of the federal government or of a state or of a county, municipality, or other political subdivision of a state.

"Information" means data, text, images, sounds, codes, computer programs, software, databases or the like.

"Information processing system" means an electronic system for creating, generating, sending, receiving, storing, displaying or processing information.

"Person" means an individual, corporation, business trust, estate, trust, partnership, limited liability company, association, joint venture, governmental agency, public corporation, or any other legal or commercial entity.

"Record" means information that is inscribed on a tangible medium or that is stored in an electronic or other medium and is retrievable in perceivable form.

"Security procedure" means a procedure employed for the purpose of verifying that an electronic signature, record or performance is that of a specific person or for detecting changes or errors in the information in an electronic record. The term includes a procedure that requires the use of algorithms or other codes, identifying words or numbers, encryption, callback or other acknowledgment procedures.

"State" means a state of the United States, the District of Columbia, Puerto Rico, the United States Virgin Islands, or any territory or insular possession subject to the jurisdiction of the United States. The term includes an Indian tribe or band, or Alaskan native village, which is recognized by a federal law or formally acknowledged by a state.

"Transaction" means an action or set of actions occurring between two or more persons relating to the conduct of business, commercial or governmental affairs.

C.12A:12-3 Applicability of act to electronic records, signatures; exceptions.

3. a. Except as provided in subsections b. and c.of this section, this act applies to electronic records and electronic signatures relating to a transaction.

- b. This act does not apply to a transaction to the extent it is governed by:
- (1) a law governing the creation and execution of wills, codicils or testamentary trusts;
- (2) the Uniform Commercial Code other than sections 1-107 and 1-206, Article 2 and Article 2A;
- (3) a statute, regulation or other rule of law governing adoption, divorce or other matters of family law.
 - c. This act does not apply to:
- (1) court orders or notices or official court documents (including briefs, pleadings and other writings) required to be executed in connection with court proceedings;
 - (2) any notice of:
 - (a) the cancellation or termination of utility services (including water, heat and power);
- (b) the default, acceleration, repossession, foreclosure or eviction, or the right to cure, under a credit agreement secured by, or a rental agreement for, a primary residence of an individual;
- (c) the cancellation or termination of health insurance benefits or life insurance benefits (excluding annuities); or
- (d) the recall of a product, or material failure of a product, that risks endangering health or safety; or
- (3) any document required to accompany any transportation or handling of hazardous materials, pesticides or other toxic or dangerous materials.
- d. This act applies to an electronic record or electronic signature otherwise excluded from the application of this act under subsection b. of this section to the extent it is governed by a law other than those specified in subsection b. of this section.
 - e. A transaction subject to this act is subject also to other applicable substantive law.

C.12A:12-4 Act applies on or after June 26, 2001.

4. This act applies to any electronic record or electronic signature created, generated, sent, communicated, received or stored on or after the effective date of this act.

C.12A:12-5 Electronic record, signature not required.

- 5. a. This act does not require a record or signature to be created, generated, stored, sent, communicated, received, stored or otherwise processed or used by electronic means or in electronic form.
- b. This act applies only to transactions between parties each of which has agreed to conduct transactions by electronic means. Whether the parties agree to conduct a transaction by electronic means is determined from the context and surrounding circumstances, including the parties' conduct.
- c. A party that agrees to conduct a transaction by electronic means may refuse to conduct other transactions by electronic means. The right granted by this subsection may not be waived by agreement.
- d. Except as otherwise provided in this act, the effect of any of its provisions may be varied by agreement. The presence in certain provisions of this act of the words "unless otherwise agreed," or words of similar import, does not imply that the effect of other provisions may not be varied by agreement.
- e. Whether an electronic record or electronic signature has legal consequences is determined by this act and other applicable law.

C.12A:12-6 Construction of act.

- 6. This act shall be construed and applied:
- a. to facilitate electronic transactions consistent with other applicable law;
- b. to be consistent with reasonable practices concerning electronic transactions and with the continued expansion of those practices; and
- c. to effectuate its general purpose to make uniform the law with respect to the subject of this act among the states enacting it.

C.12A:12-7 Legal effect and enforceability.

- 7. a. A record or signature may not be denied legal effect or enforceability solely because it is in electronic form.
- b. A contract may not be denied legal effect or enforceability solely because an electronic record was used in its formation.
 - c. If a law requires a record to be in writing, an electronic record satisfies the law.
 - d. If a law requires a signature, an electronic signature satisfies the law.

C.12A:12-8 Use, retention, content, format of electronic records.

- 8. a. If parties have agreed to conduct a transaction by electronic means and a law requires a person to provide, send, or deliver information in writing to another person, the requirement is satisfied if the information is provided, sent, or delivered, as the case may be, in an electronic record capable of retention by the recipient at the time of receipt. An electronic record is not capable of retention by the recipient if the sender or its information processing system inhibits the ability of the recipient to print or store the electronic record.
- b. If a law other than this act requires a record to be posted or displayed in a certain manner, to be sent, communicated or transmitted by a specified method, or to contain information that is formatted in a certain manner, the following apply:
 - (1) The record shall be posted or displayed in the manner specified in the other law.
- (2) Except as otherwise provided in paragraph (2) of subsection d. of this section, the record shall be sent, communicated or transmitted by the method specified in the other law.
- (3) The record shall contain the information formatted in the manner specified in the other law.
- c. If a sender inhibits the ability of a recipient to store or print an electronic record, the electronic record is not enforceable against the recipient.
 - d. The requirements of this section may not be varied by agreement, but:
- (1) to the extent a law other than this act requires information to be provided, sent, or delivered in writing but permits that requirement to be varied by agreement, the requirement under subsection a. of this section that the information be in the form of an electronic record capable of retention may also be varied by agreement; and
- (2) a requirement under a law other than this act to send, communicate, or transmit a record by United States mail, may be varied by agreement to the extent permitted by the other law.

C.12A:12-9 Attribution, effect of electronic records, signatures.

- 9. a. An electronic record or electronic signature is attributable to a person if it was the act of the person. The act of the person may be shown in any manner, including a showing of the efficacy of any security procedure applied to determine the person to which the electronic record or electronic signature was attributable.
- b. The effect of an electronic record or electronic signature attributed to a person under subsection a. of this section is determined from the context and surrounding circumstances at the time of its creation, execution or adoption, including the parties' agreement, if any, and as otherwise provided by law.

C.12A:12-10 Rules applicable to changes, errors in electronic records.

- 10. If a change or error in an electronic record occurs in a transmission between parties to a transaction, the following rules apply:
- a. If the parties have agreed to use a security procedure to detect changes or errors and one party has consented to the procedure but the other party has not, and the nonconforming party would have detected the change or error had that party also conformed, the conforming party may avoid the effect of the changed or erroneous electronic record.
- b. In an automated transaction involving an individual, the individual may avoid the effect of an electronic record that resulted from an error made by the individual in dealing with the electronic agent of another person if the electronic agent did not provide an opportunity for the prevention or correction of the error, and, at the time the individual learns of the error, the individual:
 - (1) promptly notifies the other person of the error and that the individual did not intend to

be bound by the electronic record received by the other person;

- (2) takes reasonable steps, including steps that conform to the other persons's reasonable instructions, to return to the other person or, if instructed by the other person, to destroy the consideration received, if any, as a result of the erroneous electronic record; and
- (3) has not used or received any benefit or value from the consideration, if any, received from the other person.
- c. If neither subsection a. or b. of this section applies, the change or error has the effect provided by other law, including the law of mistake, and the parties' contract, if any.
 - d. Subsections b. and c. of this section may not be varied by agreement.

C.12A:12-11 Notarized signatures or records.

11. If a law requires a signature or record to be notarized, acknowledged, verified, or made under oath, the requirement is satisfied if the electronic signature of the person authorized to perform those acts, together with all other information required to be included by other applicable law, is attached to or logically associated with the signature or record.

C.12A:12-12 Retention of electronic records.

- 12. a. If a law requires that a record be retained, the requirement is satisfied by retaining an electronic record of the information in the record which:
- (1) accurately reflects the information set forth in the record after it was first generated in its final form as an electronic record or otherwise; and
 - (2) remains accessible for later reference.
- b. A requirement to retain a record in accordance with subsection a. of this section does not apply to any information the sole purpose of which is to enable the record to be sent, communicated or received.
- c. A person may satisfy subsection a. of this section by using the services of another person if the requirements of that subsection are satisfied.
- d. If a law requires a record to be presented or retained in its original form, or provides consequences if the record is not presented or retained in its original form, that law is satisfied by an electronic record retained in accordance with subsection a. of this section.
- e. If a law requires retention of a check, that requirement is satisfied by retention of an electronic record of the information on the front and back of the check in accordance with subsection a. of this section.
- f. A record retained as an electronic record in accordance with subsection a. of this section satisfies a law requiring a person to retain a record for evidentiary, audit or like purposes, unless a law enacted after the effective date of this act specifically prohibits the use of an electronic record for the specified purpose.
- g. This section does not preclude a governmental agency of this State from specifying additional requirements for the retention of a records subject to the agency's jurisdiction.

C.12A:12-13 Admissibility of electronic records, signatures.

13. In a proceeding, evidence of a record or signature may not be excluded solely because it is in electronic form.

C.12A:12-14 Rules applicable to automated transactions.

- 14. In an automated transaction, the following rules apply:
- a. A contract may be formed by the interaction of electronic agents of the parties, even if no individual was aware of or reviewed the electronic agents' actions or the resulting terms and agreements.
- b. A contract may be formed by the interaction of an electronic agent and an individual, acting on the individual's own behalf or for another person, including by an interaction in which the individual performs actions that the individual is free to refuse to perform and which the individual knows or has reason to know will cause the electronic agent to complete the transaction or performance.
 - c. The terms of the contract are determined by the substantive law applicable to it.

C.12A:12-15 Conditions under which electronic record is sent, received.

- 15. a. Unless otherwise agreed between the sender and the recipient, an electronic record is sent when it:
- (1) is addressed properly or otherwise directed properly to an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record;
 - (2) is in a form capable of being processed by that system; and
- (3) enters an information processing system outside the control of the sender or of a person that sent the electronic record on behalf of the sender or enters a region of the information processing system designated or used by the recipient which is under the control of the recipient.
- b. Unless otherwise agreed between a sender and the recipient, an electronic record is received when:
- (1) it enters an information processing system that the recipient has designated or uses for the purpose of receiving electronic records or information of the type sent and from which the recipient is able to retrieve the electronic record; and
 - (2) is in a form capable of being processed by that system.
- c. Subsection b. of this section applies even if the place the information processing system is located is different from the place the electronic record is deemed to be received under subsection d. of this section.
- d. Unless otherwise expressly provided in the electronic record or agreed between the sender and the recipient, an electronic record is deemed to be sent from the sender's place of business and to be received at the recipient's place of business. For purposes of this subsection, the following rules apply:
- (1) If the sender or recipient has more than one place of business, the place of business of that person is the place having the closest relationship to the underlying transaction.
- (2) If the sender or the recipient does not have a place of business, the place of business is the sender's or recipient's residence, as the case may be.
- e. An electronic record is received under subsection b. of this section even if no individual is aware of its receipt.
- f. Receipt of an electronic acknowledgment from an information processing system described in subsection b. of this section establishes that a record was received but, by itself, does not establish that the content sent corresponds to the content received.
- g. If a person is aware that an electronic record purportedly sent under subsection a. of this section, or purportedly received under subsection b. of this section, was not actually sent or received, the legal effect of the sending or receipt is determined by other applicable law. Except to the extent permitted by the other law, the requirements of this subsection may not be varied by agreement.

C.12A:12-16 Control of transferable records.

- 16. a. As used in this section "transferable record" means an electronic record that:
- (1) would be a note under Article 3 of the Uniform Commercial Code or a document under Article 7 of the Uniform Commercial Code if the electronic record were in writing; and
 - (2) the issuer of the electronic record expressly has agreed is a transferable record.
- b. A person has control of a transferable record if a system employed for evidencing the transfer of interests in the transferable record reliably establishes that person as the person to which the transferable record was issued or transferred.
- c. A system satisfies subsection b. of this section and the person is deemed to have control of a transferable record if the transferable record is created, stored and assigned in such a manner that:
- (1) a single authoritative copy of the transferable record exists which is unique, identifiable and, except as otherwise provided in paragraphs (4), (5) and (6) of this subsection, unalterable;
 - (2) the authoritative copy identifies the person asserting control as:
 - (a) the person to which the transferable record was issued; or
- (b) if the authoritative copy indicates that the transferable record has been transferred, the person to which the transferable record was most recently transferred;

- (3) the authoritative copy is communicated to and maintained by the person asserting control or its designated custodian;
- (4) copies or revisions that add or change an identified assignee of the authoritative copy may be made only with the consent of the person asserting control;
- (5) each copy of the authoritative copy and any copy of a copy is readily identifiable as a copy that is not the authoritative copy; and
- (6) any revision of the authoritative copy is readily identifiable as authorized or unauthorized.
- d. Except as otherwise agreed, a person having control of a transferable record is the holder, as defined in section 1-201 of the Uniform Commercial Code of the transferable record and has the same rights and defenses as a holder of an equivalent record or writing under the Uniform Commercial Code including, if the applicable statutory requirements are satisfied, the rights and defenses of a holder in due course, a holder to which a negotiable document of title has been duly negotiated or a purchaser. Delivery, possession and indorsement are not required to obtain or exercise any of the rights under this subsection.
- e. Except as otherwise agreed, an obligor under a transferable record has the same rights and defenses as an equivalent obligor under equivalent records or writings under the Uniform Commercial Code.
- f. If requested by a person against which enforcement is sought, the person seeking to enforce the transferable record shall provide reasonable proof that the person is in control of the transferable record. Proof may include access to the authoritative copy of the transferable record and related business records sufficient to review the terms of the transferable record and to establish the identity of the person having control of the transferable record.

C.12A:12-17 Governmental agency creation, retention, conversion of electronic records.

- 17. Each governmental agency shall determine whether, and the extent to which, it will create and retain electronic records and convert written records to electronic records. Additionally, each executive agency shall comply with standards adopted by the Secretary of State pursuant to section 19 of this act.
- C.12A:12-18 Use of electronic records, signatures by governmental agencies; specifications.
- 18. a. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, each governmental agency shall determine whether, and the extent to which, it will send and accept electronic records and electronic signatures to and from other persons, and otherwise create, generate, communicate, store, process, use and rely upon electronic records and electronic signatures.
- b. To the extent a governmental agency uses electronic records and electronic signatures under subsection a. of this section, the governmental agency, giving due consideration to security, may specify:
- (1) the manner and format in which the electronic records must be created, generated, sent, communicated, received and stored and the system established for those purposes;
- (2) if electronic records must be signed by electronic means, the type of electronic signature required, the manner and format in which the electronic signature must be affixed to the electronic record, and the identity of, or criteria that must be met by, any third party used by a person filing a document to facilitate the process;
- (3) control processes and procedures appropriate to ensure adequate preservation, disposition, integrity, security, confidentiality and auditability of electronic records; and
- (4) any other required attributes for electronic records which are currently specified for corresponding nonelectronic records, or reasonably necessary under the circumstances.
- c. Except as otherwise provided in subsection f. of section 12 of this act or section 17 of this act, this act does not require a governmental agency to use or permit the use of electronic records or electronic signatures.

C.12A:12-19 Adoption of standards for governmental.

19. The Secretary of State shall adopt standards to encourage and promote consistency and

interoperability with similar requirements adopted by other governmental agencies of this and other states and the federal government, and nongovernmental persons interacting with governmental agencies of this State. If appropriate, those standards may specify differing levels of standards from which governmental agencies of this State may chose in implementing the most appropriate standard for a particular application.

C.12A:12-20 Severability.

- 20. If any provision of this act or its application to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of this act which can be given effect without the invalid provision or application and, to this end, the provisions of this act are severable.
- C.12A:12-21 Use of electronic record to satisfy consumer information in writing, conditions.
- 21. a. Notwithstanding any other provision of this act, if a law or regulation requires that information relating to the transaction be provided or made available to a consumer in writing, the use of an electronic record to provide or make available (whichever is required) such information satisfies the requirement that such information be in writing if:
- (1) the consumer has affirmatively consented to such use and has not withdrawn such consent;
 - (2) the consumer, prior to consenting, is provided with a clear and conspicuous statement:
 - (a) informing the consumer of:
- (i) any right or option of the consumer to have the record provided or made available on paper or in nonelectronic form, and
- (ii) the right of the consumer to withdraw the consent to have the record provided or made available in an electronic form and of any conditions, consequences (which may include termination of the parties' relationship), or fees in the event of such withdrawal;
 - (b) informing the consumer of whether the consent applies:
- (i) only to the particular transaction which gave rise to the obligation to provide the record, or
- (ii) to identified categories of records that may be provided or made available during the course of the parties' relationship;
- (c) describing the procedures the consumer must use to withdraw consent as provided in a.(2)(a) of this section and to update information needed to contact the consumer electronically; and
 - (d) informing the consumer:
- (i) how, after the consent, the consumer may, upon request, obtain a paper copy of an electronic record, and
 - (ii) whether any fee will be charged for such copy;
 - (3) the consumer:
- (a) prior to consenting, is provided with a statement of the hardware and software requirements for access to and retention of the electronic records; and
- (b) consents electronically, or confirms his or her consent electronically, in a manner that reasonably demonstrates that the consumer can access information in the electronic form that will be used to provide the information that is the subject of the consent; and
- (4) after the consent of a consumer in accordance with a.(1) of this section, if a change in the hardware or software requirements needed to access or retain electronic records creates a material risk that the consumer will not be able to access or retain a subsequent electronic record that was the subject of the consent, the person providing the electronic record:
 - (a) provides the consumer with a statement of:
- (i) the revised hardware and software requirements for access to and retention of the electronic records; and
- (ii) the right to withdraw consent without the imposition of any fees for such withdrawal and without the imposition of any condition or consequence that was not disclosed under a.(2)(a) of this section; and
 - (b) again complies with a.(3) of this section.

- b. Nothing in this act affects the content or timing of any disclosure or other record required to be provided or made available to any consumer under any statute, regulation, or other rule of law.
- c. If a law that was enacted prior to this act expressly requires a record to be provided or made available by a specified method that requires verification or acknowledgment of receipt, the record may be provided or made available electronically only if the method used provides verification or acknowledgment of receipt (whichever is required).
- d. The legal effectiveness, validity or enforceability of any contract executed by a consumer shall not be denied solely because of the failure to obtain electronic consent or confirmation of consent by that consumer in accordance with a.(3)(b) of this section.
- e. Withdrawal of consent by a consumer shall not affect the legal effectiveness, validity or enforceability of electronic records provided or made available to that consumer in accordance with subsection a. prior to implementation of the consumer's withdrawal of consent. A consumer's withdrawal of consent shall be effective within a reasonable period of time after receipt of the withdrawal by the provider of the record. Failure to comply with a.(4) of this section may, at the election of the consumer, be treated as a withdrawal of consent for purposes of this subsection.
- f. This subsection does not apply to any records that are provided or made available to a consumer who has consented prior to the effective date of this act to receive such records in electronic form as permitted by any statute, regulation, or other rule of law.
- g. An oral communication or a recording of an oral communication shall not qualify as an electronic record for purposes of this section except as otherwise provided under applicable law.

C.12A:12-22 Findings, declaration concerning "federal E-sign".

22. The Legislature finds and declares:

That the adoption of the "Electronic Signatures in Global and National Commerce Act," Pub.L. 106-229, 114 Stat. 464 (2000), popularly known as "federal E-Sign," encourages states to enact the Uniform Electronic Transactions Act proposed for adoption by the National Conference of Commissioners on Uniform State Laws; and

That the adoption of the Uniform Electronic Transactions Act will invoke the provisions of Section 102 of Pub. L. 106-229 which state that federal law will no longer preempt the laws of an enacting state; and

That Section 102 of Pub. L. 106-229 provides that a state, in enacting the Uniform Electronic Transactions Act, may "modify, limit or supersede" the provisions of the federal law; and

That it is desirable for this State to take the fullest possible advantage of the ability to "modify, limit or supersede" Pub. L. 106-229; and

That it is the intention of the Legislature that the adoption of the Uniform Electronic Transactions Act in this State modify, limit and supersede the provisions of Pub. L. 106-229 to the fullest possible extent permitted under the federal law.

C.12A:12-23 Capabilty of electronic records retention by recipients.

23. Under the provisions of subsection a. of section 8, an electronic record, to be capable of retention by the recipient at the time of receipt, must be capable of being retained and accurately reproduced for later reference by all persons who are entitled to retain the record.

C.12A:12-24 Accessibilty of records of information.

24. Under the provisions of paragraph (2) of subsection a. of section 12, a record of information remains accessible for later reference if it remains accessible to all persons who are entitled to access by statute, regulation or rule of law, for the period required by such statute, regulation or rule of law, in a form that is capable of being accurately reproduced for later reference, whether by transmission, printing, or otherwise.

C.12A:12-25 The New Jersey Center for Electronic Transactions and Informational Privacy, established.

25. The New Jersey Center for Electronic Transactions and Informational Privacy shall be

established within the Institute of Law, Science and Technology at Seton Hall University School of Law. The Center shall collect and evaluate information on issues concerning electronic records and privacy and shall compile its findings and any recommendations for submission to the Secretary of State and governmental agencies of this State, as may be appropriate.

C.12A:12-26 "Statute, regulation or other rule of law" defined.

26. For purposes of this act, references to "statute, regulation or other rule of law" shall include the Rules Governing the Courts of the State of New Jersey and the reference to "court orders or notices or official court documents" as used in paragraph (1) of subsection c. of section 3 of this act shall include all official court documents governed by the Rules Governing the Courts of the State of New Jersey.

Repealer.

- 27. R.S.1:1-2.4 is hereby repealed.
- 28. This act shall take effect immediately

Approved June 26, 2001.

PO BOX 004 TRENTON, NJ 08625

Office of the Governor NEWS RELEASE

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RELEASE: June 27, 2001

Acting Governor Donald T. DiFrancesco has signed the following legislation:

S-621, sponsored by Senators John Matheussen (R-Camden/Gloucester), Norman Robertson (Essex/Passaic) and Anthony Bucco (R-Morris) and Assemblymembers John Kelly (R-Bergen/Essex/Passaic) and Arline Friscia (D-Middlesex), allows parents, children, spouses and siblings of illegal drug users, as well as employers of illegal drug users, medical facilities, insurers and persons injured by the drug users' actions to sue drug dealers for civil damages.

S-647, sponsored by Senator Joseph Kyrillos (R-Middlesex/Monmouth) and Assemblyman Joseph Azzolina (R-Middlesex/Monmouth) and Guy Gregg (R-Sussex/Hunterdon/Morris) permits the Director of the Division of Alcoholic Beverage Control to issue a special auction permit to a nonprofit organization operating solely for civic, religious, education, charitable, fraternal, social or recreational purposes.

The permit will cost \$100 and would entitle the nonprofit organization to sell at auction alcoholic beverages donated to it by a licensee.

S-1382, sponsored by Senator Robert Martin (R-Essex/Morris/Passaic) and Assemblymen Wilfredo Caraballo (D-Essex) and Kip Bateman (R-Morris/Somerset), revises rules concerning secured transactions by replacing Chapter 9 of the Uniform Commercial Code (UCC) with revised Chapter 9, as well as, conforming amendments to Chapters 1,2,2A,4,5,7 and 8 of the UCC.

S-2123, sponsored by Senator Raymond Lesniak (D-Union) and Assemblymen Neil Cohen(D-Union) and Joseph Impreveduto (D-Bergen/Hudson), increases the term of office of the mayor and the members of council from two years to four years in municipalities. Provides for a transitional three-year term of office for the mayor and members of council elected at the 2002 general election.

This bill also alters the term of office of mayor and member so council from three years to four years in towns.

A-1325, sponsored by Senator William Schluter (R-Warren/Hunterdon/Mercer) and Assemblymembers Richard Bagger (R-Middlesex/Morris/Somerset/Union) and the late Alan Augustine (R-Middlesex/Morris/Somerset/Union), allows a municipality or county to install pedestrian crossing right-of-way signs at a marked or unmarked crosswalk or at an intersection.

- **A-1342**, sponsored by late Assemblyman Alan Augustine (R-Middlesex/Morris/ Somerset/Union), provides that, as a fifth option, a Teachers' Pension and Annuity Fund (TPAF) or Public Employees' Retirement System (PERS) member may choose a retirement allowance actuarially reduced to provide to a beneficiary an allowance equivalent to the full amount, three-quarters, one-half or one-quarter of that reduced allowance, but if the beneficiary dies before the retiree, the retiree's allowance will increase to a maximum amount.
- A-2185, sponsored by Senator Louis Bassano (R-Essex/Union) and John Singer (R-Burlington/Monmouth/Ocean) and Assembymembers Leonard Lance (R-Warren/Hunterdon/Mercer) and Rose Maria Heck (R-Bergen), appropriates \$28,695,000 from the Developmental Disabilities' Waiting List Reduction and Human Services Facilities Construction Fund for the Department of Human Services. This money will be used for various projects within the divisions, including reducing the community services waiting list.
- **A-2209**, sponsored by Senators Jack Sinagra (R-Middlesex) and Joseph Vitale (D-Middlesex) and Assemblymembers Carol Murphy (R-Essex/Morris/Passaic) and Samuel Thompson (R-Middlesex/Monmouth), provides that the period for which eligibility for Medicaid and KidCare benefits is determined shall be the maximum permitted under federal law, currently 12 months.
- **A-2449**, sponsored by Assemblymen Michael Arnone (R-Monmouth) and Joseph Azzolina (R-Middlesex/Monmouth), permits sewerage authority or a utilities authority to rename itself as a "water reclamation authority" to more accurately reflect its activities and purposes.
- **A-2523**, sponsored by Senators William Gormley (R-Atlantic) and Edward O'Connor (D-Hudson) and Assemblymen James Holzapfel (R-Monmouth/Ocean) and Peter Barnes (D-Middlesex), increases the penalty for persons who produce and sell false motor vehicle identification cards from a crime of the fourth degree to a crime of the third degree which is punishable by imprisonment for three to five years, a fine of up to \$15,000, or both.
- **A-3622**, sponsored by Senators Walter Kavanaugh (R-Morris/Somerset) and Raymond Lesniak (D-Union) and Assemblymen John Wisniewski (D-Middlesex) and Samuel Thompson (R-Middlesex/Monmouth, provides that for the year 2001, 1) the day on which members of the State, county or municipal committee of a political party will take office, and the day on which the terms of members previously elected to each such committee will terminate, will be the day immediately following the day of the primary election for the general election and 2)the holding of the annual meeting of the State, county and municipal committees of a political party will occur no earlier than the day immediately following the day of the primary election and no later than the 21st day following such election.