



## UPDATE: Survey of Electronic & Digital Signature Legislative Initiatives

### Appendix A: Federal Electronic Authentication--1998 Legislative Update

<i>Federal Initiative</i>	<i>Status</i>	<i>Type<sup>1</sup></i>	<i>Description</i>	<i>Use<sup>2</sup></i>	<i>Class<sup>3</sup></i>	<i>Effects<sup>4</sup></i>	<i>Liability<sup>5</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>6</sup></i>	<i>Cross- Border<sup>7</sup></i>
<b>H.R. 2991 Electronic Commerce Enhancement Act of 1997 (Eshoo, D-CA; Tauzin, R-LA)</b>	Introduced 11/9/97	Elec	Permits electronic submissions for filing of forms with Federal government; allows private party accreditation for CAs	L	E	M	CA (commercially reasonable)	OMB, NTIA	G/P	S.O.S. to determine

<sup>1</sup> "Elec"--Electronic Signature; "DSig"--Digital Signature; "Both"--digital & electronic signatures

<sup>2</sup> "L"--"Limited" applicability law; "G"--"General" applicability law

<sup>3</sup> "P"--Prescriptive; "C"--Criteria; "E"--enabling or neutral

<sup>4</sup> "M"--same as Manual; "MC"--same as manual with California standard; "RP"--Rebuttable Presumption

<sup>5</sup> "S"--Subscriber liability = reasonable care, CA Indemnification, and warranties; "CA"--CA liability = limits of certificate, actual damages, and warranties;

<sup>6</sup> "G"--Government CA authorized; "P"--Private party authorized; "L"--Voluntary Licensing; "A"--Auditing authorized; "B&I"--Bonding & Insurance type guarantees required; "O"--Open or not specified

<sup>7</sup> "R"--reciprocity; "C"--Comity = "substantially similar" statute or other standard

<i>Federal Initiative</i>	<i>Status</i>	<i>Type<sup>1</sup></i>	<i>Description</i>	<i>Use<sup>2</sup></i>	<i>Class<sup>3</sup></i>	<i>Effects<sup>4</sup></i>	<i>Liability<sup>5</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>6</sup></i>	<i>Cross-Border<sup>7</sup></i>
<b>S. 1594</b> <b>Digital Signature &amp; Electronic Authentication Law (SEAL) of 1998</b> <b>(Bennett, R-UT)</b>	Introduced 2/2/98	Elec	Permits use of "electronic authentication" by financial institutions; cryptographic or other secure electronic methods permitted which (1) authenticate identity, (2) determine document was not altered, and (3) verify origination; preempts state regulation	L	E/C (applies unique criteria)	MC (unique criteria)		Federal banking agency or State bank supervisor		
<b>H.R. 2937</b> <b>Electronic Financial Services Efficiency Act of 1997</b> <b>(Baker, R-LA)</b>	Introduced 11/8/97	Both	Federal communications with digital signatures permitted; electronic signatures permitted otherwise unless prohibited by state law if it reliably establishes (1) identity and (2) subject not altered; apply Cal. criteria standard for new technologies; CA must belong to new National Associate of Certification Authorities (NACA)	G	C: Approved PKI + Signature Dynamics	MC		Secretary of Treasury with Standards Review Committee and NACA	P	
<b>H.R. 2676</b> <b>Internal Revenue Restructuring and Reform Act of 1997</b> <b>(Archer, R-TX)</b>	Passed House	Elec	Authorizes Secretary of Treasury to develop procedures for the acceptance signatures in "digital and electronic" forms for tax filing; Seeks to have 80% electronic filing by 2007; Presumes accepted signature is "submitted and subscribed" by taxpayer	L	E	M with presumptions for civil and criminal purposes		Secretary of Treasury		



## UPDATE: Survey of Electronic & Digital Signature Legislative Initiatives

### Appendix B: State Electronic Authentication--1998 Legislative Update<sup>1</sup>

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross- Border<sup>8</sup></i>
<i>ALABAMA</i> 1997 H.B. 405	Enacted	Elec	Permits electronic filing for state income tax forms	L	E	M				
<i>ALASKA</i> 1. <b>1997 H.B. 345</b> <b>(1997 S.B. 232)</b>	Introduced	Elec	Adopts electronic record type authentication; uses California standard	G	C	MC				
2. <b>1997 H.B. 415</b>	Introduced	Elec	Electronic filing for health care records	L	E	M				

<sup>1</sup> Recent changes are indicated in **bold** typeface.

<sup>2</sup> "**Elec**"--Electronic Signature; "**DSig**"--Digital Signature; "**Both**"--digital & electronic signatures

<sup>3</sup> "**L**"--"Limited" applicability law; "**G**"--"General" applicability law

<sup>4</sup> "**P**"--Prescriptive; "**C**"--Criteria; "**E**"--enabling or neutral

<sup>5</sup> "**M**"--same as Manual; "**MC**"--same as manual with California standard; "**RP**"--Rebuttable Presumption

<sup>6</sup> "**S**"--Subscriber liability = reasonable care, CA Indemnification, and warranties; "**CA**"--CA liability = limits of certificate, actual damages, and warranties;

<sup>7</sup> "**G**"--Government CA authorized; "**P**"--Private party authorized; "**L**"--Voluntary Licensing; "**A**"--Auditing authorized; "**B&I**"--Bonding & Insurance type guarantees required; "**O**"--Open or not specified

<sup>8</sup> "**R**"--reciprocity; "**C**"--Comity = "substantially similar" statute or other standard

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
<b>ARIZONA</b>										
1. 1996 H.B. 2444 (ARS § 41-121)	Enacted	Elec	Accepts filings with Secretary of State (S.O.S.)	L	E	M		S.O.S.		
2. <b>1998 H.B. 2518</b>	Engrossed	Both	Permits use of electronic signatures; defines digital signatures; permits filings with state agencies; authorizes demonstration projects	L	C, P (PKI)	MC				
<b>ARKANSAS</b>										
	None									
<b>CALIFORNIA</b>										
1. 1995 A.B. 1577 (Cal. Gov't Code § 16.5)	Enacted	Elec	Same effect as written if (1) unique to the person using it; (2) capable of verification; (3) under sole control of user; (4) linked to data to allow invalidation; and (5) conforms to Regulations ("California Standard")	L	C	MC		S.O.S.		
Regulations	<b>Final Draft</b>	Both	Introduces acceptable technologies and allows additions; establishes duties; standards for C.A.s	L	C: approved PKI + Signature Dynamics	MC	S	S.O.S.	L, A	
2. 1997 A.B. 44	Vetoed	Study	Study by S.O.S. for digital electoral system							
3. 1997 S.B. 49	<b>Enacted</b>	Elec	Campaign Filings	L	E					
4. 1997 S.B. 7	Amended 8/05/97	Elec	Candidates for Election--amended version deletes electronic filing provisions	L	E					
5. 1997 A.B. 2755	Enacted	Elec	Applies to Death Certificates	L	E			State Registrar		

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
6. 1997 A.B. 721	Enacted	Elec	Permits electronic corporate securities filings compliant with California standards	L	C	MC				
7. 1997 S.B. 955	Committee 6/09/97	Elec	Authorizes acceptance by Health Care Service Plan providers	L	C	MC		Comm'r of Corp.		
8. <b>1998 A.B. 521</b>	Committee	DSig	Allows college form submission with "digital signatures"	L						
9. <b>1998 A.B. 2608</b>	Committee	Study	Create Dept. of Tech.; study privacy protection; plan for state use of digital signatures							
<b><i>COLORADO</i></b>										
1. 1997 S.B. 155	Enacted	Elec	Electronic filing of financial statements	L	E	M		Filing Officer		
2. <b>1998 H.B. 1043</b>	Enacted	Elec*	Enacted version removed general recognition of electronic signatures	G	E	MC				
<b><i>CONNECTICUT</i></b>										
1. Conn. Gen. Stat. §§ 19a-25a	Enacted	Elec	Authorizes regulations for electronic signatures for medical records	L	E			Comm'r of Public Health		
2. 1997 S.B. 1308	Died 6/04/97	Study	Task Force to report 1/98							
3. <b>1998 H.B. 5694</b>	Introduced	Elec	Permits electronic signatures for corporations act	L	E	M				
<b><i>DELAWARE</i></b>										
1995 S.B. 458 (29 Del. Code 5942)	Enacted	Elec	Authorizes for state budget and fiscal business	L	E					

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<b>FLORIDA</b>										
1. Fla. Stat. § 1.01 (1996 S.B. 942)	Enacted	Both & Study	Authorizes use of electronic signatures in lieu of written unless barred by law; permits use of digital signatures via PKI with Secretary of State; Task Force	G	<b>DSig:</b> P <b>Elec:</b> E	RP--if in perceivable form		S.O.S.	O	
Committee Report	Submitted	DSig	Recommends S.O.S. to provide voluntary licensure, license and audit fees, insurance/bonding	G	P	Same as HB 942	CA (implied)	S.O.S.	G/P, L, A, B&I	C
<b>Regulations</b>	Draft 11/97	DSig	S.O.S. regulations for CAs	G	P					
2. 1997 H.B. 1413	Enacted	DSig + Notary	Authorizes S.O.S. to create notary publics for electronic notarizations and permit use of all electronically notarized documents; sets standards for CAs	L	P		CA (Practice Statement Only)	S.O.S.	G/P, L, A, B&I	R
3. 1997 H.B. 957 (1997 S.B. 998)	Passed House & Carryover 6/11/97	DSig + Notary	Similar to H.B. 1413 but contains no CA provisions	L	P					R
<b>GEORGIA</b>										
1. 1997 S.B. 103	Enacted	Elec & Study	Provides that writing req'ts met where parties agree to accept electronic signatures; encourages electronic commerce; created study	G	C	MC	S	S.O.S.		
2. 1997 H.B. 487	Enacted	Elec	Motor vehicle and traffic use; permits use of "digital signatures" using California standard variation	L	C	MC		Comm'n'r		

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3. 1997 H.B. 479	Enacted	Elec	Tax returns; authorizes regulations for use of electronic notarization	L	E	m		Comm'n'r		
4. <b>1997 S.B. 433</b>	To Gov.	Elec., Notary Study	Permits use for notary req'ts; authorizes study	L	E					
5. <b>1997 H.B. 1623</b>	Substituted	Elec	Authorizes S.O.S. to promulgate rules for various code provisions to use electronic signatures (consistent with S.B. 103)	G	C					
6. <b>1997 S.B. 513</b>	Passed Senate	n/a	Personal Financial Security Act--criminalizes unauthorized use of digital signatures	G						
<b><i>HAWAII</i></b>										
1. HRS 601	Enacted	Study	Study use of digital/electronic signatures in Judiciary Computer Systems							
2. 1997 S.B. 961	<b>Carried Over</b>	DSig	Based on Utah/ <i>Guidelines Model</i>	G	P	RP	S, CA	Dep't of Commerce	G/P (limited), L, A, B&I	No (C deleted)
<b><i>IDAHO</i></b>										
1. <b>1998 S.B. 1496</b>	Enacted	Elec.	Permits electronic signatures for public agencies	L	C	MC		Agency Specific		
2. <b>1998 H.B. 221</b>	Enacted	Elec	Permits electronic signatures for state business incorporation act	L	E	M				

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<b>ILLINOIS</b>										
1. <b>1998 H.B. 3180</b> Based on Commission Draft of 12/15/97	Introduced	Both	Hybrid legislation; defines "secure electronic signatures" (SES) and permits general use; Utilizes UNCITRAL; California Criteria and PKI Mix; adopts UCC commercial reasonableness	G	E,C & P	SES: RP DSig: RP Elec: M	S, CA (no indemnity)	S.O.S.(permissive)	O, L (optional)	
2. 1997 S.B. 516 (1997 H.B 276)	Enacted	Elec	Permits use for communications between state agency and comptroller; adopts California standards	L	C	MC		Comptroller		
3. <b>1998 H.B. 597</b>	Enrolled	Elec	Permits use for financial institution communications	L	C	MC				
<b>INDIANA</b>										
1. 1997 S.B. 5a	Enacted	DSig	Effective for state filings other than judicial, legislative, and educational; adopts California standard	L	P--to be adopted	MC		State Board of Accounts		
2. 1997 H.B. 1945	Enacted	DSig	Similar to S.B. 5a	L	P--to be adopted	MC		State Board of Accounts		
<b>IOWA</b>										
1. Iowa Code § 48A.13	Enacted	Elec	Voter registration	L	E			Voter Registration Comm'n		
2. 1997 S.B. 457	Enacted	Elec	Permits electronic signatures for prescriptions; adopts California standard	L	C	MC		N/S		



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3. 1997 H.B. 2474	Passed House	Both	Illinois/NCCUSL Type bill; recognizes secure electronic signatures (SES) and CA role	G	E, C & P	SES: RP DSig: RP Elec: M	S, CA (no indemnification)	Comm'n'r of Insurance (permissive)	P	
<b>KANSAS</b> 1997 H.B. 2059	Enacted	Elec	Permits use of electronic signatures with California recognition standard variation	G	C	MC--If accepted		None	O	
<b>KENTUCKY</b> 1. 1998 H.B. 194	Introduced	Both	Permits use of electronic signatures generally and dsigs. for notarized transactions; differentiates between open and closed system use for state communications	G	C, P	MC				
2. 1998 S.B. 390	Engrossed	Elec	Permits use of electronic signatures for contract administrator opinions	L						
3. 1998 H.B. 708 (1998 S.B. 350)	Passed House 3/9/98	Elec	Adopts electronic record and signatures with California criteria; valid if agreed	G	C	MC-if agreed				
<b>LOUISIANA</b> 1. L.R.S. § 40:2144	Enacted	Elec	Medical Records	L	E			Dep't Health & Hospitals		
2. 1997 H.B. 1605	Enacted	Elec	Permits electronic signatures for health care providers on medical records	L	E			Dep't Health & Hospitals		
3. 1997 S.B. 609	Enacted	Elec	Vital records to include electronic documents and signatures	L	E			None		

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4. 1997 S.B. 294	Died 8/05/97	Elec	Evidentiary use of electronic bank records and signatures	L	E	M (for certain records)		None		
5. 1997 H.B. 1929	Died 8/05/97	Elec	Same as S.B. 609	L	E					
<b>MAINE</b>										
1. 1997 S.B. 473	Enacted	Elec	Not true, electronic signature law--permits digital image of signature for motor vehicle code	L	P (signature Image)			S.O.S.		
2. <b>1997 H.B. 1525</b>	Enacted (interim)	Elec	Permits retention and admissibility of electronic records	G	E	M				
<b>MARYLAND</b>										
1. 1997 H.B. 1015 (1997 S.B. 822)	Died 8/01/97	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	S.O.S.	G/P, L, A, B&I	C
2. 1997 H.B. 1386	Died 8/01/97	Study	Task Force to explore digital signatures, C.A.s, regulation, liability, recognition							
3. <b>1998 H.B.432</b>	Introduced	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S,CA	S.O.S	G/P, L, A, B&I	C
4. <b>1998 H.B. 523</b>	Introduced	Elec	Pilot program for "digital" signatures for state	L	C	MC		S.O.S.		
<b>MASSACHUSETTS</b>										
Draft Bill	<b>Draft</b> <b>11/4/97</b>	Elec	Recognizes electronic records and signatures	G	E	M		None	O	
<b>MICHIGAN</b>										
1997 S.B. 204	Committee 2/19/97	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	Dept. of Consumer & Industry Services	G/P, L, A, B&I	C

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<b>MINNESOTA</b>										
1. Comprehensive Legislation	Enacted	Elec	Permits limited use of facsimile and digitized signatures in Dep't of Administration (Chpt 16B.05), worker comp. (Chpt. 176.281, 285); tax returns (Chpt. 289A. 07); and motor tax (Chpt. 296.041)	L	E					
2. 1997 S.B. 173 (1997 H.B. 56)	Enacted	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	S.O.S.	G/P, L, A, B&I	C
3. 1997 S.B. 1905	Enacted	DSig	Establishes Office of Technology to direct policy; permits use of signatures authorized	L	E	M		Comm'r of Admin.		
4. 1997 H.B. 241 (1997 S.B. 1096)	Enacted	Elec	Permits acceptance of electronic signatures for motor carrier documents	L	E	M		Comm'r of Transport.		
5. 1997 S.B. 240 (1997 H.B. 871)	<b>Carried Over</b>	Elec	Limited use by Dep't of Administration for state business of electronic signatures	L	E	M		Comm'r of Admin.		
6. <b>1997 S.B. 2068 (1997 H.B. 2706)</b>	Enacted	DSig	Permits state agencies to license CAs; adds bond provisions	G	P			State agencies		
7. <b>1997 S.B. 2044 (1997 H.B. 2707)</b>	Introduced	DSig	Exempts government from inspection provisions of state act	G	P					
8. <b>1997 H.B. 2200 (1997 S.B. 1951)</b>	Introduced	Elec	Permits "electronic authentication" for license and software contracts	L	E					
9. <b>1997 H.B. 788 (1997 S.B. 1430)</b>	Introduced	Elec	Bars use of "electronic signatures" for engineering certifications	L	n/a					

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<b>MISSISSIPPI</b>										
1. 1997 H.B. 752 (1997 S.B. 2904)	Enacted	DSig	Generic digital signature statute that authorizes S.O.S. to regulate	G	P	RP (implied)		S.O.S.	G/P, L, B&I	
2. 1997 H.B. 1313	Enacted	Elec	Permits filing with S.O.S. electronically	L	E					
<b>MISSOURI</b>										
1. 1997 S.B. 16	Enacted	Elec	Reports by candidates for public offices permitted to be filed electronically if verifiable	L	E					
2. <b>1998 H.B. 1373</b> <b>(1998 S.B. 794)</b>	Introduced	Elec	Criteria based electronic signature law for filings with SOS	L	C	MC				
3. <b>1998 H.B. 1126</b> <b>(1998 S.B. 708)</b>	Introduced	Dsig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	S.O.S.-- Comm'n'r	G/P, L	C
4. <b>1998 H.B. 985</b>	Introduced	n/a	Modifies electoral electronic filing statute							
5. <b>1998 H.B. 893</b>	Introduced	n/a	Modifies electoral filing statute							
6. <b>1998 S.B. 729</b> <b>(1998 S.B. 772)</b>	Committee	n/a	Modifies electoral electronic filing statute							
<b>MONTANA</b>										
1997 H.B. 468	Enacted	Elec	Creates electronic filing system for S.O.S.	L	E			S.O.S.		
<b>NEBRASKA</b>										
1. 1997 L.B. 286	<b>Carried Over</b>	Elec	"Digital signatures" authorized as electronic means of identification utilizing California standard; encourages private use	L	C	MC		S.O.S.		
2. 1997 L.B. 42	<b>Carried Over</b>	Elec	Similar to L.B. 286; Authorizes the S.O.S. to promulgate regulations	G	C	MC		S.O.S.		

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3. 1997 L.R. 262	<b>Died</b>	Study	Study of digital signature policy issues							
4. <b>1997 L.B. 1122</b>	Introduced	Elec	Permits county election filings electronically	L	E					
5. 1997 L.B. 622	Enacted	Elec	Permits architectural or engineering use of electronic seals	L	E					
<b>NEVADA</b>										
1. 1997 A.B. 386	Enacted	Elec	Court clerk may accept image of signature for electronic filing	L	P (signature Image)			Comptroller		
2. 1997 S.B. 42	Enacted	Elec	Permits electronic symbols for facsimile or written signatures for state officers	L	E					
<b>NEW HAMPSHIRE</b>										
1. 1997 S.B. 207	Enacted	Both	Recognizes electronic signatures and authorizes the S.O.S. to create regulations for public and private C.A.s	G	E/C & P	MC (Permis-sive)		S.O.S.	G/P, L	
2. 1997 H.B. 290	<b>Passed House</b>	Dsig	Provides for digital signatures definition and PKI; amended version eliminated recognition of electronic signatures	G	P -- PKI	M			O	
<b>NEW JERSEY</b>										
1 1997 A.B. 1727	Introduced	Elec	Medical Records authorizations	L	E					
2 <b>1998 A.B. 280</b>	Introduced	Elec	Medical Records use	L	E					

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<b>NEW MEXICO</b> 1996 H.B. 516 (NMSA §§ 14-15-1 <i>et seq.</i> )	Enacted	DSig	Establishes Office of Electronic Documentation within S.O.S. for C.A. and electronic registrations for transactions with the state Regulations of H.B. 516	L	P	M (Intent to rely)		S.O.S.		
Regulations	Proposed	DSig		L	P		S (keep private only)	S.O.S. & Comm'n of Public Records		
<b>NEW YORK</b> 1. 1997 A.B. 6813 (1997 S.B. 2238) 2. <b>1997 S.B. 6197 (1997 A.B. 9636)</b>	<b>Committee</b> Introduced	DSig Elec	Based on Utah/ <i>Guidelines</i> Model Electronic prescriptions allowed	G L	P E	RP	S, CA	S.O.S.	G/P, L, A, B&I	C
<b>NORTH CAROLINA</b> 1. 1997 H.B. 290 2. 1997 H.B. 1047 3. 1997 H.B. 925 (1997 S.B. 1005)	<b>Died</b> <b>Died</b> <b>Died</b>	Study Study Elec	Study of electronic commerce issues including signatures and C.A.s Study of electronic commerce policy and feasibility for state agencies Protection of health information to extend to electronic and digital signatures with UCC, ABA and NCCUSL type standards							
<b>NORTH DAKOTA</b> 1. 1997 S.C.R. 4024	Enacted	Study	Study for state records management and email							

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
2. 1997 S.B. 2071	Enacted	Elec	Authorizes the S.O.S. to adopt rules for signature recognition for tax and motor vehicle registration	L	E			S.O.S.		
<b>OHIO</b> 1997 H.B. 243	<b>Enacted</b>	Elec	Authorizes use for Medical Records	L	E	M		Dep't Health		
<b>OKLAHOMA</b> 1. Bankers Association Draft	Not Introduced	Elec	Recognizes the use of electronic records and signatures	G	E	M				
2. 1997 H.B. 1690	Enacted	Study	Task Force							
3. <b>1997 H.B. 3287</b>	Engrossed	Study	Digital signature pilot program and task force							
4. <b>1997 H.B. 3102</b>	Engrossed	Elec	Electronic record and signature act; similar to Massachusetts draft	G	E	M				
<b>OREGON</b> 1. 1997 S.B. 125	Enacted	Both	Trust companies may use digital & electronic signatures and serve as authentication authorities	L	E & P					
2. 1997 H.B. 3046	Enacted	Both	Permits electronic signatures but provides for digital signatures definition and PKI Amended version authorizes licensing scheme for C.A.s	G	<b>DSig:</b> P <b>Elec:</b> E	M (if listed by Dep't)		Dep't of Consumer & Business Services	O, L	
<b>PENNSYLVANIA</b> 1997 S.B. 1385	Introduced	Elec	Authorizes regulations for "digital signatures" to be filed with Securities Commission	L	E			Securities Commission		

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
<b><i>RHODE ISLAND</i></b>										
1. 1997 H.B. 6118	Enacted	Elec	Authorizes electronic signatures and communications for state agencies	L	E/C	MC (Permissive)		S.O.S.		
2. 1997 S.B. 612	<b>Carried Over</b>	DSig	Based on Utah/ <i>Guidelines</i> Model; S.O.S. to implement	G	P	RP	S, CA	Division of Public Utilities	G/P, L, A, B&I	C
<b><i>SOUTH CAROLINA</i></b>										
None										
<b><i>SOUTH DAKOTA</i></b>										
None										
<b><i>TENNESSEE</i></b>										
1. 1997 H.B. 1718 (1997 S.B. 1090)	<b>Enacted</b>	Elec	Judicial use authorized for filings	L	E			Courts		
2. <b>1997 S.B. 525 (1997 H.B. 922)</b>	Enacted	Elec	Recognizes electronic records and signatures; extends to statute of frauds	G	E	M				
3. <b>1997 S.B. 2071 (1997 H.B. 2129)</b>	Enacted	Elec	Permits courts to use electronic signatures	L	E	M		Courts		
<b><i>TEXAS</i></b>										
1. 1997 H.B. 984	Enacted	Elec	Authorizes use of electronic signatures to authenticate electronic communications; prescribes California standard for transactions with state	G(UC C) + L	E/C	<b>UCC: M</b> <b>State:MC</b>		Comptroller; state auditor; A.G.		
2. 1997 H.B. 645	Enacted	Elec	Authorizes use of "digital signatures" submitted to comptroller	L	E	M		Comptroller		
3. 1997 S.B. 370	Enacted	Elec	Authorizes use of "digital signatures" for license applications	L	C	MC				



<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
4. 1997 S.B. 748 (1997 S.B. 787)	Died	Elec	Same as H.B. 984 but limited to state agencies	L	C	MC		Comptroller; state auditor; A.G.		
5. <b>Regulations</b>	<b>Final</b>	Both	Acceptable authentication types for state transactions	L	C: Approved PKI + Signature Dynamics	MC				
<b>UTAH</b>										
1. Utah Code § 45-3-101 <i>et seq.</i>	Enacted	DSig	Creates C.A. licensing scheme; regulations; liability ("Utah/ <i>Guidelines Model</i> ")	G	P	M		Dep't of Commerce	L	
2. 1996 S.B. 188	Enacted	DSig	Major amendment to Digital Signature Act to define terms, req'ts, enforcement, etc. "Digital Signature" defined as using asymmetric cryptosystem to determine whether (a) signature was created using correct private key and (b) message has been altered	G	P	RP	S, CA	Div. Corp. Comm. Code	G/P, L, A, B&I	C
Regulations R154-10	<b>Enacted</b> 11/1/97	DSig	Set certificate, practice statement, guarantee standards	G	P			Div. Corp. Comm. Code		
3. 1997 H.B. 95	Died 3/05/97	Notary	Sets standards for cyber-notary	L	P					
4. <b>1998 S.B. 107</b>	Enacted	Notary	Permits digital signature notarization	L	P					
<b>VERMONT</b>										
1. 1997 H.B. 60	<b>Carried Over</b>	DSig	Based on Utah/ <i>Guidelines Model</i>	G	P	RP	S, CA	S.O.S.	G/P, L, A, B&I	C
2. <b>1997 S.B. 206</b>	Introduced	DSig	Similar as H.B. 60; new in 1998 session							

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
<b>VIRGINIA</b>										
1. 1996 H.J.R. 195	Enacted	Study	Study Authorization							
2. 1997 S.B. 923	Enacted	Elec	Amends commercial code to recognize signature if "intended"; Council to draft regulations for public transactions	G	E/C	UCC: MC (permissive)		Council on Information Management for public transactions		
3. 1997 H.B. 822	Introduced	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	Corporate Comm'n	G/P (limited), L, A, B&I	No (C removed)
4. 1997 H.B. 2138	Enacted	Study	Study Group							
5. <b>1998 S.B. 153</b>	Enacted	Elec	Amends electronic signature law; requires use of criteria standards by Council	G	C	MC				
6. <b>1998 S.B. 154</b>	Introduced	Elec	Electronic balloting	L	E					
7. <b>1998 H.B. 794</b>	Engrossed	Elec	Electronic court filing	L	E					
<b>WASHINGTON</b>										
1. 1996 S.B. 6423 (RCW 19.34)	Enacted	DSig	Based on Utah/ <i>Guidelines</i> Model	G	P	RP	S, CA	S.O.S.	G/P, L, A, B&I	C
2. 1997 S.B. 5308	Enacted	DSig	Amends S.B. 6423; S.O.S. no longer authorized to be CA; parties may vary by agreement	G	P	RP (Person need not accept)	S (unless certificate expired), CA (includes lost profits)	S.O.S.	P, L, A, B&I	
WAC § 434-200	<b>Final</b>	DSig	Proposed regulations for CAs and repositories	G	P	RP		S.O.S.	P, L, A, B&I	
3. <b>1997 H.B. 2931 (1997 S.B. 6582)</b>	Enacted	DSig	Amends Washington Act; modifies licensing scheme for background checks; protection of proprietary information	G	P					
<b>WEST VIRGINIA</b>										

<i>State Initiative</i>	<i>Status</i>	<i>Type<sup>2</sup></i>	<i>Description</i>	<i>Use<sup>3</sup></i>	<i>Class<sup>4</sup></i>	<i>Effects<sup>5</sup></i>	<i>Liability<sup>6</sup></i>	<i>Authority</i>	<i>C.A.s Attributes<sup>7</sup></i>	<i>Cross-Border<sup>8</sup></i>
1. <b>W.V. Code § 30-3-13</b>	Enacted	Elec	Permits use of electronic signatures for medical professionals	L	E	M				
2. <b>1998 H.B. 4293</b>	Substituted	Elec	Electronic Authorization Act--general recognition and use of electronic signature authorized	G	E	M		S.O.S.	G/P	
<b>WISCONSIN</b>	None									
1. <b>1997 A.B. 811</b>	Introduced	DSig + Study	Not true electronic signature law despite electronic signatures definition because recognition requires CA process	G	P	M		Dept. of Financial Institutions	G/P	
2. <b>1997 A.B. 100</b>	Enacted	Elec	Permits electronic signatures for state construction contracts	L	C	MC		Dept. of Admin.		
<b>WYOMING</b>										
Wyo. Stat. 9-1-306	Enacted	Elec	Authorizes electronic filing with S.O.S.; extends civil and criminal liability	L	E			S.O.S.		



# UPDATE: Survey of State Electronic & Digital Signature Legislative Initiatives

## APPENDIX C: STATE SUMMARY OVERVIEW

<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
<b>ALABAMA</b>	None					
1997 H.B. 405	Enacted		X			X
<b>ALASKA</b>	None					
1. 1997 H.B. 345 (1997 S.B. 232)	Introduced		X		X	
2. 1997 H.B. 415	Introduced		X			X
<b>ARIZONA</b>						
1. 1996 H.B. 2444 (ARS § 41-121)	Enacted		X			X
2. 1998 H.B. 2518	Engrossed		X	X		X
<b>ARKANSAS</b>	None					
<b>CALIFORNIA</b>						
1. 1995 A.B. 1577 (Cal. Gov't Code § 16.5)	Enacted		X			X
1997 Regulations	Final		X	X		X
2. 1997 A.B. 44	Passed 9/2/97	X				
3. 1997 S.B. 49	Enacted		X			X
4. 1997 S.B. 7	Amended 8/05/97		X			X
5. 1997 A.B. 2755	Enacted		X			X
6. 1997 A.B. 721	Enacted		X			X
7. 1997 S.B. 955	Committee 6/09/97		X			X
8. 1998 A.B. 2608	Committee	X				
9. 1998 A.B. 521	Committee			X		X
<b>COLORADO</b>						
1. 1997 S.B. 155	Enacted		X			X
2. 1998 H.B. 1043	Died-- signature component		X		X	
<b>CONNECTICUT</b>						
1. Conn. Gen. Stat. § 19a-25a	Enacted		X			X
2. 1997 S.B. 1308	Died 6/04/97	X				

<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
3. 1998 H.B. 5694	Introduced		X			X
<i>DELAWARE</i>						
1995 S.B. 458 (29 Del. Code 5942)	Enacted		X			X
<i>FLORIDA</i>						
1. 1996 S.B. 942	Enacted	X	X	X	X	
Committee Report	Submitted	X		X	X	
2. 1997 H.B. 1413	Enacted		X	X		X (Notary)
3. 1997 H.B. 957 (1997 S.B. 998)	Passed House & Carryover 6/11/97		X	X		X (Notary)
<i>GEORGIA</i>						
1. 1997 S.B. 103	Enacted	X	X		X	
2. 1997 H.B. 487	Enacted		X			X
3. 1997 H.B. 479	Enacted		X			X
4. 1997 S.B. 433	To Gov.	X	X			X (Notary)
5. 1997 H.B. 1623	Substituted 2/17/98		X		X	
<i>HAWAII</i>						
1. HRS 601	Enacted	X				
2. 1997 S.B. 961	Carried Over			X	X	
<i>IDAHO</i>						
1. 1998 S.B. 1496	Enacted		X			X
2. 1998 H.B. 221	Enacted		X			X
<i>ILLINOIS</i>						
1. Commission Draft (12/15/97 draft)	Final		X	X	X	
2. 1997 S.B. 516 (1997 H.B. 276)	Enacted		X	X		X
3. 1998 H.B. 3180	Introduced		X	X	X	
4. 1998 H.B. 597	Enrolled		X			X
<i>INDIANA</i>						
1. 1997 S.B. 5a	Enacted			X		X
2. 1997 H.B. 1945	Enacted			X		X
<i>IOWA</i>						
1. Iowa Code § 48A.13	Enacted		X			X
2. 1997 S.B. 457	Enacted		X			X
3. 1997 H.B. 2474	Passed House		X	X	X	

<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
<b>KANSAS</b>						
1997 H.B. 2059	Enacted		X		X	
<b>KENTUCKY</b>	None					
1. 1998 H.B. 194	Both		X	X	X	
2. 1998 S.B. 390	Engrossed		X			X
3. 1998 H.B. 708 (1998 S.B. 350)	Passed House		X		X	
<b>LOUISIANA</b>						
1. L.R.S. § 40:2144	Enacted		X			X
2. 1997 H.B. 1605	Enacted		X			X
3. 1997 S.B. 609	Enacted		X			X
4. 1997 S.B. 294	Died 8/05/97		X			X
5. 1997 H.B. 1929	Died 8/05/97		X			X
<b>MAINE</b>						
1 1997 S.B. 473	Enacted		X			X
2 1997 H.B. 1525	Enacted		X		X	
<b>MARYLAND</b>						
1. 1997 H.B. 1015 (1997 S.B. 822)	Died 8/01/97			X	X	
2. 1997 H.B. 1386	Died 8/01/97	X				
3. 1998 H.B. 432	Introduced			X	X	
4. 1998 H.B. 523	Introduced		X			X
<b>MASSACHUSETTS</b>						
Draft Bill (11/4/97)	Not Introduced		X		X	
<b>MICHIGAN</b>						
1997 S.B. 204	Committee 2/19/97			X	X	
<b>MINNESOTA</b>						
1. Comprehensive Legislation	Enacted		X			X
2. 1997 S.B. 173 (1997 H.B. 56)	Enacted			X	X	
3. 1997 S.B. 1905	Enacted			X		X
4. 1997 H.B. 241 (1997 S.B. 1096)	Enacted		X			X
5. 1997 S.B. 240 (1997 H.B. 871)	Carried Over		X			X
6. 1997 S.B. 2068 (1997 H.B. 2706)	Enacted			X	X	

<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
7. 1997 S.B. 2044 (1997 H.B. 2707)	Introduced			X	X	
8. 1997 H.B. 788 (1997 S.B. 1430)	Introduced		X			X
9. 1997 H.B. 2200 (1997 S.B. 1951)	Introduced		X			X
<b>MISSISSIPPI</b>						
1. 1997 H.B. 752 (1997 S.B. 2904)	Enacted			X	X	
2. 1997 H.B. 1313	Enacted		X			X
<b>MISSOURI</b>						
1. 1997 S.B. 16	Enacted		X			X
2. 1998 H.B. 1373 (1998 S.B. 794)	Introduced		X			X
3. 1998 H.B. 1126 (1998 S.B. 708)	Introduced			X	X	
<b>MONTANA</b>						
1997 H.B. 468	Enacted		X			X
<b>NEBRASKA</b>						
1. 1997 L.B. 286	Carried Over		X			X
2. 1997 L.B. 42	Carried Over		X		X	
3. 1997 L.R. 262	Died	X				
4. 1997 L.B. 1122	Introduced		X			X
5. 1997 L.B. 622	Enacted		X			X
<b>NEVADA</b>						
1. 1997 A.B. 386	Enacted		X			X
2. 1997 S.B. 42	Enacted		X			X
<b>NEW HAMPSHIRE</b>						
1. 1997 S.B. 207	Enacted		X	X	X	
2. 1997 H.B. 290	Passed House			X	X	
<b>NEW JERSEY</b>						
1. 1997 A.B. 1727	Introduced		X			X
2. 1998 A.B. 280	Introduced		X			X
<b>NEW MEXICO</b>						
1996 H.B. 516 (NMSA §§ 14-15-1 <i>et seq.</i> )	Enacted			X		X
Regulations	Proposed			X		X
<b>NEW YORK</b>						
1. 1997 S.B. 2238 (1997 A.B. 6813)	Committee 2/05/97			X	X	

<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
2. 1997 S.B. 6197 (1997 A.B. 9636)	Introduced		X			X
<i>NORTH CAROLINA</i>						
1. 1997 H.B. 290	Died	X				
2. 1997 H.B. 1047	Died	X				
3. 1997 H.B. 925 (1997 S.B. 1005)	Died		X			X
<i>NORTH DAKOTA</i>						
1. 1997 S.C.R. 4024	Enacted	X				
2. 1997 S.B. 2071	Enacted		X			X
<i>OHIO</i>						
1997 H.B. 243	Enacted		X			X
<i>OKLAHOMA</i>						
1. Bankers Association Draft (6/17/97 Draft)	Not Introduced		X		X	
2. 1997 H.B. 1690	Enacted	X				
3. 1997 H.B. 3287	Engrossed	X		X		X
4. 1997 H.B. 3102	Engrossed		X		X	
<i>OREGON</i>						
1. 1997 S.B. 125	Enacted		X	X		X
2. 1997 H.B. 3046	Enacted		X	X	X	
<i>PENNSYLVANIA</i>						
1997 S.B. 1385	Introduced		X			X
<i>RHODE ISLAND</i>						
1. 1997 H.B. 6118	Enacted		X			X
2. 1997 S.B. 612	Carried Over			X	X	
<i>SOUTH CAROLINA</i>						
<i>SOUTH DAKOTA</i>						
<i>TENNESSEE</i>						
1. 1997 H.B. 1718 (1997 S.B. 1090)	Enacted		X			X
2. 1997 S.B. 2071 (1997 H.B. 2129)	Enacted		X			X
3. 1997 S.B. 525 (1997 H.B. 922)	Enacted		X		X	
<i>TEXAS</i>						
1. 1997 H.B. 984	Enacted		X		X	X
Regulations	Final		X	X		X



<i>State Initiative</i>	<i>Status</i>	<i>Study</i>	<i>Electronic</i>	<i>Digital</i>	<i>General</i>	<i>Limited</i>
2. 1997 H.B. 645	Enacted		X			X
3. 1997 S.B. 370	Enacted		X			X
4. 1997 S.B. 748 (1997 S.B. 787)	Died 8/06/97		X			X
<i>UTAH</i>						
1. Utah Code § 45-3-101 <i>et seq.</i>	Enacted			X	X	
2. 1996 S.B. 188	Enacted			X	X	
Regulations R154-10	Final			X	X	
4. 1997 H.B. 95	Died 3/05/97			X		X (Notary)
5. 1998 S.B. 107	Enacted			X		X (Notary)
<i>VERMONT</i>						
1. 1997 H.B. 60	Carried Over			X	X	
2. 1997 S.B. 206	Introduced			X	X	
<i>VIRGINIA</i>						
1. 1996 H.J.R. 195	Enacted	X				
2. 1997 S.B. 923	Enacted		X		X	
3. 1996 H.B. 822	Introduced			X	X	
4. 1997 H.B. 2138	Enacted	X				
5. 1998 S.B. 153	Enacted		X		X	
6. 1998 S.B. 154	Introduced		X			X
7. 1998 H.B. 794	Engrossed		X			X
<i>WASHINGTON</i>						
1. 1996 S.B. 6423	Enacted			X	X	
2. 1997 S.B. 5308	Enacted			X	X	
WAC § 434-200	Final			X	X	
3. 1997 H.B. 2931 (1997 S.B. 6582)	Enacted			X	X	
<i>WEST VIRGINIA</i>						
1. W.V. Code § 30-3-13	Enacted		X			X
2. 1998 H.B. 4293	Substitute d		X		X	
<i>WISCONSIN</i>						
1. 1997 A.B. 811	Introduced	X		X	X	
2. 1997 A.B. 100	Enacted		X			X
<i>WYOMING</i>						
Wyo. Stat. 9-1-306	Enacted		X			X



# UPDATE: Survey of State Electronic & Digital Signature Legislative Initiatives

## APPENDIX D: TRANSACTIONAL SCOPE<sup>1</sup>

<u>General Application (44)</u>		<u>Limited Application (74)</u>		<u>State Studies (16)</u>	
Alaska	(1)	Alabama*	(1)	California	(2)
Colorado	(1)	Alaska	(1)	Connecticut	(1)
Florida*	(1)	Arizona*	(2)	Florida*	(1)
Georgia*	(2)	California* (regs)	(8)	Georgia*	(1)
Hawaii	(1)	Colorado*	(1)	Hawaii*	(1)
Iowa	(1)	Connecticut*	(2)	Illinois*	(1)
Illinois	(1)	Delaware*	(1)	Maryland	(1)
Kansas*	(1)	Florida (notary)*	(2)	Nebraska	(1)
Kentucky	(2)	Georgia*(notary)	(3)	North Carolina	(2)
Maine*	(1)	Idaho*	(2)	North Dakota*	(1)
Maryland	(2)	Illinois*	(2)	Oklahoma*	(2)
Massachusetts	(1)	Indiana*	(2)	Virginia*	(1)
Michigan	(1)	Iowa*	(2)	Wisconsin	(1)
Minnesota*	(3)	Kentucky	(1)		
Mississippi*	(2)	Louisiana*	(5)		
Missouri	(1)	Maine*	(1)		
Nebraska	(1)	Maryland	(1)		
New Hampshire*	(2)	Minnesota*	(5)		
New York	(1)	Mississippi*	(1)		
Oklahoma	(2)	Missouri*	(2)		
Oregon*	(1)	Montana*	(1)		
Rhode Island	(1)	Nebraska	(3)		
Tennessee*	(1)	Nevada*	(2)		
Texas*	(1)	New Jersey	(2)		
Utah*	(2)	New Mexico*	(1)		
Vermont	(2)	New York	(1)		
Virginia*	(3)	North Carolina	(1)		
Washington*	(3)	North Dakota*	(1)		
West Virginia	(1)	Ohio*	(1)		
Wisconsin	(1)	Oregon*	(1)		
		Pennsylvania	(1)		
		Rhode Island*	(1)		
		Tennessee*	(2)		
		Texas* (regs)	(5)		
		Utah (notary)*	(2)		
		Virginia*	(2)		
		Wisconsin	(1)		
		Wyoming*	(1)		

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<sup>1</sup> \* have enacted legislation or have on-going study; (#)--number of initiatives (does not include duplicate bills)



# UPDATE: Survey of State Electronic & Digital Signature Legislative Initiatives

## APPENDIX E: LEGISLATIVE APPROACHES<sup>1</sup>

<b>PKI/Digital Signature Approaches</b>			
<b><u>Utah/Guidelines Prescriptive-Based (18)</u></b>		<b><u>Broadly PKI or Other Prescriptive-Based (24)<sup>2</sup></u></b>	
<b><u>General Initiatives</u></b>		<b><u>General Initiatives</u></b>	
(G) Hawaii	(1)	(G) Florida*	(1)
(G) Maryland	(2)	(G) Illinois	(1)
(G) Michigan	(1)	(G) Iowa	(1)
(G) Minnesota*	(3)	(G) Kentucky	(1)
(G) Missouri	(1)	(G) Mississippi*	(2)
(G) New York	(1)	(G) New Hampshire*	(2)
(G) Rhode Island	(1)	(G) Oregon*	(1)
(G) Utah*	(2)	(G) Wisconsin	(1)
(G) Vermont	(2)	<b><u>Limited Initiatives</u></b>	
(G) Virginia	(1)	(L) Arizona	(1)
(G) Washington*	(3)	(L) California (Regs.)	(2)
		(L) Florida*(notary)	(2)
		(L) Indiana*	(2)
		(L) Minnesota*	(1)
		(L) Nevada*	(1)
		(L) New Mexico*	(1)
		(L) Oregon*	(1)
		(L) Texas (Regs)*	(1)
		(L) Utah* (notary)	(2)

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<sup>1</sup> \* enacted legislation; "L"--limited application legislation; "G"--general application legislation; (#)--number of initiatives (does not include duplicate bills)

<sup>2</sup> Includes "combination" initiatives (*see* Appendix F).

## Other Approaches to Authentication: Criteria & Enabling

<b><u>Limited California Criteria Based (14)</u></b>	<b><u>General California Criteria Based (9)</u></b>	<b><u>Limited Signature Enabling (49)</u></b>	<b><u>General Signature Enabling (16)</u></b>
California* (3)	Alaska (1)	Alabama* (1)	Colorado (1)
Georgia* (1)	Georgia* (2)	Alaska (1)	Florida* (1)
Illinois* (2)	Iowa (1)	Arizona* (2)	Iowa (1)
Iowa* (1)	Illinois (1)	California* (3)	Illinois (1)
Missouri (1)	Kansas* (1)	Colorado* (1)	Kentucky (2)
Nebraska (1)	Nebraska (1)	Connecticut* (2)	Maine* (1)
Rhode Island* (1)	New Hampshire* (1)	Delaware* (1)	Massachusetts (1)
Texas* (2)	Virginia* (1)	Georgia* (notary) (2)	New Hampshire* (1)
Wisconsin* (1)		Idaho* (2)	Oklahoma (2)
		Iowa* (1)	Oregon* (1)
		Kentucky (1)	Tennessee* (1)
		Louisiana* (5)	Texas* (1)
		Maine* (1)	Virginia* (1)
		Maryland (1)	West Virginia (1)
		Minnesota* (4)	
		Mississippi* (1)	
		Missouri* (1)	
		Montana* (1)	
		Nebraska (2)	
		Nevada* (1)	
		New Jersey (2)	
		New York (1)	
		North Carolina (1)	
		North Dakota* (1)	
		Ohio* (1)	
		Oregon* (1)	
		Pennsylvania (1)	
		Rhode Island* (1)	
		Tennessee* (2)	
		Texas* (1)	
		Virginia (2)	
		Wyoming* (1)	

*Note: New Hampshire and Rhode Island make permissive use of criteria while Iowa and Illinois use it as a test for "secure" status.*



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## APPENDIX F: ELECTRONIC VS. DIGITAL SIGNATURES<sup>1</sup>

### Electronic Signature Laws

<b>LIMITED (60)</b>	<b>GENERAL (16)</b>		
Alabama*	(1)	Alaska	(1)
Alaska	(1)	Colorado	(1)
Arizona*	(1)	Georgia*	(2)
California*	(6)	Kansas*	(1)
Colorado*	(1)	Kentucky	(1)
Connecticut*	(2)	Maine*	(1)
Delaware*	(1)	Massachusetts	(1)
Georgia*	(3)	Nebraska	(1)
Illinois*	(2)	Oklahoma	(2)
Idaho*	(2)	Tennessee*	(1)
Iowa*	(2)	Texas*	(1)
Kentucky	(1)	Virginia*	(2)
Louisiana*	(5)		
Maine*	(1)		
Maryland	(1)		
Minnesota*	(4)		
Mississippi*	(1)		
Missouri*	(2)		
Montana*	(1)		
Nebraska	(3)		
Nevada*	(1)		
New Jersey	(2)		
New York	(1)		
North Carolina	(1)		
North Dakota*	(1)		
Ohio*	(1)		
Pennsylvania	(1)		
Rhode Island*	(1)		
Tennessee*	(2)		
Texas*	(4)		
Virginia*	(2)		
Wisconsin*	(1)		
Wyoming*	(1)		

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<sup>1</sup> \* enacted legislation; (#)--number of initiatives (does not include duplicate bills)

**Digital Signature Laws (22)**

<b>LIMITED (12)</b>		<b>GENERAL (22)</b>	
California (regs)	(2)	Hawaii	(1)
Florida* (notary)	(2)	Maryland	(2)
Indiana*	(2)	Michigan	(1)
Minnesota*	(1)	Minnesota*	(3)
New Mexico*	(1)	Mississippi*	(2)
Nevada*	(1)	Missouri	(1)
Texas (regs)	(1)	New Hampshire	(1)
Utah* (notary)	(2)	New York	(1)
		Rhode Island	(1)
		Utah*	(2)
		Vermont	(2)
		Virginia	(1)
		Washington*	(3)
		Wisconsin	(1)

**Combination Laws (7)**

<b>LIMITED (2)</b>		<b>GENERAL (6)</b>	
Arizona	(1)	Florida*	(1)
Oregon*	(1)	Iowa	(1)
		Illinois	(1)
		Kentucky	(1)
		New Hampshire*	(1)
		Oregon*	(1)