Compliance Component

DEFINITION

Name	Electronic Signatures
Description	Electronic Signatures are paperless ways to sign a document using an electronic symbol or process. They may be such things as digitized images of physical signatures, typed notations such as "/s/ John Smith", stamps, seals, headers on faxes, or headers on email. They satisfy Missouri laws where a written signature is required. An Electronic Signature can also be a digital signature if it uses cryptographic methods to assure both message integrity and authenticity (see the Digital Signatures Compliance Component).
Rationale	Electronic Signatures facilitate the use of electronic records and signatures with intrastate, interstate and foreign commerce by ensuring the validity and legal effect of contracts entered into electronically.
Benefits	• Satisfy Missouri statutes where a signature is required • Are the legally binding equivalent of the individual's handwritten signature

ASSOCIATED ARCHITECTURE LEVELS

List the Domain Name	Security
List the Discipline Name	Technical Controls
List the Technology Area Name	Identification and Authentication
List Product Component Name	

COMPLIANCE COMPONENT TYPE

Document the Compliance Component Type	Guideline
Component Sub-type	

COMPLIANCE DETAIL

State the Guideline, Standard or Legislation	Electronic Signature standards are broad and not specifically defined. Whether any particular record is "signed" is a question of fact. Proof of that fact must be made under other applicable law. The signature may be accomplished through electronic means. No specific technology need be used in order to create a valid electronic signature. The terms Electronic Signature and Digital Signature have come into widespread, and somewhat confused, use. The situation is unsatisfactory in many respects, and will remain so until usage, especially in statutes and regulations, becomes more standardized. An Electronic Signature is often incorrectly used to mean a cryptographic method to add non-repudiation and message integrity features to a document. To accomplish non-repudiation and message integrity, see the Digital Signatures Compliance Component. • Care must be taken to control use of the electronic signature so that it is not used without authorization

Document Source Reference #	432.230 RSMo, Contracts Required to Be in Writing; PL106-229, Electronic Signatures in Global and National Commerce Act (June, 2000); Uniform Electronic Transaction Act (1999)		
Standard Organization			
Name		Website	
Contact Information			
Government Body			
Name	US Congress	Website	http://uscode.house.gov/
Contact Information			
Name	State of Missouri	Website	http://mo.gov/
Contact Information			
KEYWORDS			
List all Keywords	authenticate, integrity, contract, non-repudiation, digitized, digital signature, symbol, watermark, seal, authorization		
COMPONENT CLASSIFICATION			
Provide the Classification	☐ Emerging	☒ Current	☐ Twilight ☐ Sunset
Rationale for Component Classification			
Document the Rationale for Component Classification			
Conditional Use Restrictions			
Document the Conditional Use Restrictions			
Migration Strategy			
Document the Migration Strategy			
Impact Position Statement			
Document the Position Statement on Impact			
CURRENT STATUS			
Provide the Current Status)	☐ In Development	☐ Under Review	☒ Approved ☐ Rejected
AUDIT TRAIL			
Creation Date	09/01/2005	Date Accepted / Rejected	11/8/05
Reason for Rejection			
Last Date Reviewed		Last Date Updated	
Reason for Update			