



Product Component

DEFINITION

<i>Name</i>	Entrust Secure Messaging Solution
<i>Description</i>	Entrust Secure Messaging Solution encrypts and digitally signs electronic communications.
<i>Rationale</i>	<ul style="list-style-type: none"> • Meets State of Missouri Cryptography for Email criteria as defined within the MAEA. • An industry-recognized enterprise-class leader. • Works with the three major Email software products currently in use by state agencies (Microsoft Outlook, Lotus Notes, Novell GroupWise).
<i>Benefits</i>	<ul style="list-style-type: none"> • Entrust Secure Messaging Solution provides: <ul style="list-style-type: none"> • authentication • non-repudiation of origin • message integrity • message confidentiality • signed receipts • security labels • secure mailing lists (recipient privacy) • capability to scan encrypted Email messages for viruses

ASSOCIATED TECHNOLOGY AREA

<i>List the name of the associated Technology Area</i>	Cryptography
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KEYWORDS

<i>List all Keywords</i>	Email, security, encrypted, encryption, communications, digital signature, non-repudiation, receipt, integrity, authentication
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VENDOR INFORMATION

<i>Vendor Name</i>	Entrust	<i>Website</i>	www.entrust.com
<i>Contact Information</i>	Dean Patino dean.patino@entrust.com 630-836-8425		

POTENTIAL COMPLIANCE ORGANIZATIONS/GOVERNMENT BODIES

Standard Organizations

<i>Name</i>	National Institute of Standards and Technology (NIST)	<i>Website</i>	www.nist.gov
<i>Contact Information</i>			

Government Bodies

<i>Name</i>	(21 CFR Part 11)	<i>Website</i>	
<i>Contact Information</i>	Electronic Records and Electronic Signatures		

COMPONENT REVIEW

Platform Information

<i>Hardware Platform Support</i>	Intel-based PC, IBM mainframe
<i>Operating System Support</i>	Microsoft Windows 2000/XP/2003, OS/390, z/OS, and MVS, TSO, CICS, Unix, Linux, etc. on IBM mainframe

Review Aspects

<i>List Desirable aspects</i>	<p>Entrust Secure Messaging Solution will:</p> <ul style="list-style-type: none"> • Identify with non-repudiation the sender and recipient of electronic communications • Keep message contents private and confidential when stored • Verify the integrity of the contents of a message • Allow the scanning of the contents of encrypted messages without compromising the security • Enforce certain Email rules or policies throughout the user base • Easily issue and maintain the digital certificates needed for identification of Email users • Work with instant messaging • Work with Blackberry wireless • Can provide Certification Authority and management of certificates by Entrust at additional cost
<i>List Undesirable aspects</i>	<p>Entrust Secure Messaging Solution:</p> <ul style="list-style-type: none"> • Requires the agency to act as their own Certification Authority, which puts the liability of identity certification and certificate management on the agency • Requires staff dedicated to managing the digital certificates, • Cost is similar to that of other vendors, who provide certificate authority and assume liability for certificate management • May not be compatible with some wireless devices

ASSOCIATED COMPLIANCE COMPONENTS

Product

<i>List the Product-specific Compliance Component Names</i>	Cryptography for Email
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Configuration Links

<i>List the Configuration-specific Compliance Component Names</i>	
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COMPONENT CLASSIFICATION

<i>Provide the Classification</i>	<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset
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COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
<i>Technology Watch</i>		
<i>Variance</i>		
<i>Conditional Use</i>		

RATIONALE FOR COMPONENT CLASSIFICATION

Document the Rationale for Component Classification

MIGRATION STRATEGY

Document the Migration Strategy

IMPACT POSITION STATEMENT

Document the Position Statement on Impact

AGENCIES

List the Agencies Currently Utilizing this Product

None.

CURRENT STATUS

Provide the Current Status

In Development

Under Review

Approved

Rejected

AUDIT TRAIL

Creation Date

04/13/2004

Date Accepted / Rejected

4/13/04

Reason for Rejection

Last Date Reviewed

Last Date Updated

Reason for Update