



## Product Component

### DEFINITION

<i>Name</i>	VeriSign Digital Certificates
<i>Description</i>	VeriSign provides a digital certificates infrastructure through a network of Certification Authorities (CA) that encrypts and digitally signs electronic communications.
<i>Rationale</i>	Business requirements are driving agencies to communicate with business partners and remote/mobile users. Encryption with digital signatures enables enterprises to provide confidentiality and authorized access.
<i>Benefits</i>	<ul style="list-style-type: none"> <li>• already on state contract</li> <li>• allows agencies to retain full control over the issuance of digital certificates</li> <li>• moves the administrative burden of managing certificates to VeriSign</li> <li>• integrates with strong authentication technologies, including USB tokens, smart cards and biometrics</li> <li>• enables authenticated, confidential and non-repudiated communications</li> <li>• provides flexibility and scalability</li> </ul>

### 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>	VeriSign	<i>Website</i>	<a href="http://www.verisign.com/">http://www.verisign.com/</a>
<i>Contact Information</i>	<a href="mailto:clientpki@verisign.com">clientpki@verisign.com</a>		

### POTENTIAL COMPLIANCE ORGANIZATIONS/GOVERNMENT BODIES

#### Standard Organizations

<i>Name</i>		<i>Website</i>	
<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>	<ul style="list-style-type: none"> <li>• Widely used by public and private entities</li> <li>• VeriSign's Managed PKI service reduces manpower resources required by agencies by moving the administrative burden of managing certificates to VeriSign</li> <li>• VeriSign's Managed PKI service scales from hundreds to millions of users</li> <li>• Cost of VeriSign Digital Certificates includes VeriSign acting as the Certification Authority to issue and securely manage certificates</li> <li>• VeriSign processes meet the exacting security standards, supported by liability sharing and insurance protection</li> <li>• VeriSign's highly redundant infrastructure helps ensure certificate availability</li> <li>• A fully operational PKI can be up and running within a few days</li> </ul>
<i>List Undesirable aspects</i>	<ul style="list-style-type: none"> <li>• Agencies must rely on VeriSign to manage certificates securely and properly authenticate applicants, since they cannot act as their own Certification Authority</li> <li>• May not be compatible with some wireless devices</li> </ul>

### 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
<input type="checkbox"/> Technology Watch		
<input type="checkbox"/> Variance		
<input type="checkbox"/> Conditional Use		

### RATIONALE FOR COMPONENT CLASSIFICATION

<i>Document the Rationale for Component Classification</i>	
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### MIGRATION STRATEGY

<i>Document the Migration Strategy</i>	
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### IMPACT POSITION STATEMENT

<i>Document the Position Statement on Impact</i>	
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## AGENCIES

List the Agencies Currently Utilizing this Product

## CURRENT STATUS

Provide the Current Status

In Development     Under Review     Approved     Rejected

## AUDIT TRAIL

Creation Date

04/13/04

Date Accepted / Rejected

4/13/04

Reason for Rejection

Last Date Reviewed

Last Date Updated

Reason for Update