

digiSeal[®]reader Free software* for verifying electronically signed documents

free download
www.secrypt.de

Highlights

verification of
electronic signatures,
seals and time stamps

encryption &
decryption of
confidential data

in accordance with
EU regulation eIDAS-VO

PDF viewer included

Inspection protocol:
human-readable PDF and
machine-readable XML

The electronic signature ensures secure and legally compliant business processes in anonymous networks. Various documents, such as invoices or contracts, are signed electronically by the sender and sent by email or computer fax, for example. The recipient receives a legally binding electronic document and would like to verify the authenticity and integrity in a simple manner.

Signature verification with digiSeal[®]reader

The free, client-based secrypt digiSeal[®]reader verification software enables you to quickly verify and visualise signed documents.

The certificate belonging to the signature is controlled both locally, based on the certification path, and online at the trust centre. The document can be saved in different file formats.

Inspection protocol

The software creates a human-readable inspection protocol (PDF) as well as a machine-readable inspection protocol (XML) in accordance with the OASIS DSS standard.

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<http://www.secrypt.de/en/products/digiseal-reader/>

Encryption and decryption:

BSI compliant with secure RSA algorithm

As a free function, digiSeal[®]reader enables the encryption and decryption of all kinds of files with a password and recipient certificate.

In accordance with the IT Baseline Protection Catalogue, digiSeal[®]reader uses the RSA algorithm for asymmetric processes. For symmetric encryption it uses AES. The 3-Key-Triple-DES and AES algorithm are supported when decrypting.

This feature ensures that no unauthorised third parties can gain access to confidential data.

Take advantage of this free feature to protect your confidential documents!

Features

- signature verification (qualified, advanced and simple)
- multiple signature verification
- signature verification locally and online
- automatic signature verification documentation in PDF and XML format
- certificate viewer to display all certificate items
- secure, legally binding hardcopies as option
- en- and decryption of documents with a certificate / password
- self-verification mechanism within the software
- PDF viewer included
- interoperability thanks to international standards



Verify digital signatures, encrypt sensitive data

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digiSeal® reader

Application examples

Verify e.g. the following
digitally signed documents:

- contracts, offers
- business correspondence
- labour leasings
- physician's letters, findings, laboratory requirements, patient files
- electronic invoices
- e-procurement and online tenders
- quality management (QM) documents
- waste documentation
- complaints, requests for reminders,
- notices, examination certificates
- and many more



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Technology

System requirements

Microsoft Windows® 10/ 8.1/ 8/ 7

Signature formats

Supports all AdES signature formats in accordance with eIDAS (B-B, B-T, B-LT):

PADES (PDF signature; *.pdf)

CADES (PKCS#7 sign.; container: pk7, p7m / detached: p7s)

XADES (XML signature; detached / enveloped), XMLDSig

2D barcode stores signature on paper

Certificate formats

X.509 v1 to v3, DER-coded

Encryption

AES (symmetric)

RSA, ECDSA (asymmetric)

Decryption

AES, 3-Key-Triple-DES, RC2 (symmetric)

Signature algorithms

ECDSA, RSA (with the following hash algorithms)

Hash algorithms

SHA1, SHA2-224, SHA2-256, SHA2-384, SHA2-512,
RIPEMD160, MD2, MD5

Trustcenter

among others D-TRUST, DGN/medisign, TeleSec, Bundesnotarkammer, Swisscom Solutions, SwissSign, Quo Vadis, GS1 Switzerland, A-CERT, A-TRUST and other international trust centres, e.g. in Italy, Spain, Brazil, Chile, Mexico

Certificate verification

online via OCSP / LDAP / CRL / EU trust list

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