



M-Doc AutoVerifier

The high-performance mass verification server **DataCenter Edition** for verification of digital signatures according to German and EU Digital Signature Law without transaction fees on Windows and Linux.

Verification of qualified signatures for:

- Electronic invoices
- Virtual post offices
- Electronic documents
- Online forms
- Business correspondence
- Archive signatures

The M-Doc AutoVerifier enables an extensive, server-based analysis of the signature data in PDF documents and for other document types in any other format, especially XML and PKCS#7 or S-MIME.

The M-Doc AutoVerifier achieves a throughput rate of up to **1000 verifications per hour**, whereby all of the requirements of German and European signature laws are fulfilled.

The signature data produced can be further processed directly in workflow or DMS systems in order to notify third parties of document status.

During signature verification, certificates, OCSP responses and certificate revocation lists (CRLs) can be checked with accredited trust-centers and internal company PKIs.

The M-Doc AutoVerifier lets you automatically process PDFs and other documents "on-the-fly" or in batch mode. The M-Doc AutoVerifier is installed on a central server, thereby providing a **centralized signature verification infrastructure**.

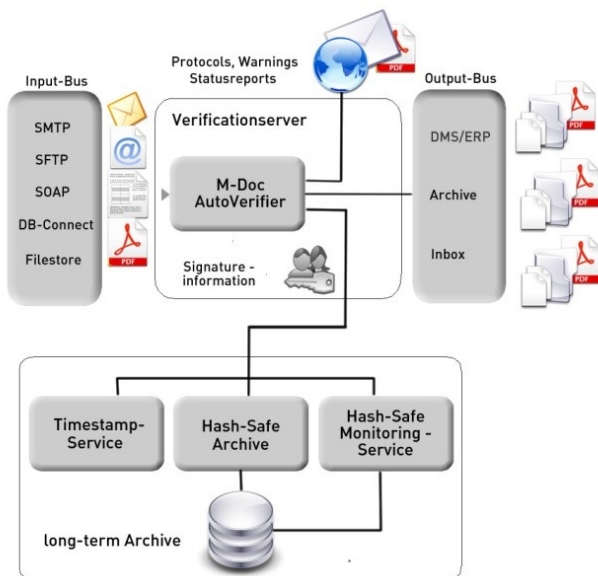
Features of the M-Doc Auto Verifier DataCenter Edition:

- Unrestricted availability of the mass verification solution on **Windows** and **Linux** platforms
- Depending on the documents/signatures the speed increases by a factor up to ten through parallel usage of several verification engines.
- PDF container including signed document and verification protocol
- Placement of RFC 3161 time-stamps
- Specifically designed to be used in data centers
- Manageable via management console
- Integrated web-interface for configuration

Basic features

- Verification according to German signature laws
- Verification of signatures according to chain and shell model
- Verification of multiple signatures in PDF documents
- Verification of timestamps
- CRL and OCSP queries
- Warnings and status reports using a monitoring solution possible
- Report generation according to the German standards GoBS and GDPdU
- Linking to long-term archiving according to "ArchiSig"
- **Open interface architecture**
File storage, web services (SOAP)
E-Mail Proxy (SMTP), SFTP ...
- **No transaction fees!**

M-Doc AutoVerifier Workflow



Reporting functions (PDF, XML)

Signaturprotokoll för kvalificerade elektroniska signaturer

Protokoll över en utförd kontroll av en elektronisk signatur enligt lagen om kvalificerade elektroniska signaturer SFS 2000:852

1. Sammanfattning av signaturkontrollen

Signaturkontroll: Lyckad
fil: C:\AV\Data\in\Test doc 1.pdf
Filstorlek: 102525
Hashvärde (SHA-256): 3EE021453033703A7276BBA33BE7981742279C5E805E9E2B93F1E169CC6FB
Tidpunkt för kontroll: 10.03.2011, 13:50:55
Antal kontrollerade signaturer: 1
Signaturformat: Inbäddad PDF-signatur
Signaturprofil: ISIS-MTT
Kontrollmodell: Skälmodell
Spårkontroll: Fråga via OCSP-Responders

1.1. Presentation av kontrollsteg

Integritetskontroll: **Genomförd** Integritetskontrollen verifierar integriteten av dokumentet samt signaturcertifikatet. Kontrollen säkerställer, att de mottagna filerna inte har förändrats och att författaren entydigt kunde verifieras. Denna kontroll genomfördes offline.

Certifikatkedjekontroll: **Genomförd** Certifikatkedjekontrollen verifierar signatörens identitet. Hänriksom byggs den hierarkiska kedjan av rotcertifikat upp till en kvalificerad utfärdare (Trustcenter) och att giltigheten i certifikatsignaturen är kontrollerad. Denna kontroll genomfördes offline.

Kontroll mot spårlista: **Genomförd** Kontrollen mot spårlistan avgör om signaturcertifikatet vid signeringstillfället fortfarande var giltigt och inte återkallat. Denna kontroll sker mot utfärdad spårlista (CRL) från Trustcentret (utfärdaren) eller med en online förfrågan (OCSP) mot Trustcentret. Denna kontroll genomfördes online.

2. Resultatet an kontrollen

2.1. Signaturer

Signatur1: Sven Peter A.son Heildén

Resultat: Signatur kontrollen var lyckad
Kvalificerad signatur: Ja
Signatör: Sven Peter A.son Heildén
Certifikats utfärdare: Signguard QualifiedUserCA2008
Datum och tidpunkt: 10.03.2011, 12:29:50 +01'00'
Signaturförändring: sha1withRSAEncryption

Related Products

- **Office-Signer** – for Windows-desktop based signatures, timestamps and verification without any transactional fees. Direct integration into Windows Explorer and Microsoft Office / OpenOffice.
- **M-Doc AutoSigner DataCenter Edition** – for qualified, automatic and server-based mass signatures without any transactional fees. Available for Windows and Linux.
- **Hash-Safe** – long-term signature archive for preserving the evidence value of signed documents as a supplement to an existing archive and document management systems.

Contact and Ordering

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