ALTRON SECURITY | Lawtrust information security solutions

DIGITAL SIGNING

ASCERTIA DIGITAL SIGNING SERVER

BENEFITS AT A GLANCE

Organisations continue to face a variety of pressures to provide enhanced security of documents, data and transactions. They need to provide better data integrity, non-repudiation, accountability, traceability and secure audit services to aid compliance with local legislation, regional directives and internal needs.

From a commercial and efficiency perspective there is also a strong drive to replace paper-based processes with secure, electronic ones. Digital signatures provide all of the security, user and/or organisation identification services that are needed. ADSS Server provides the high trust security services needed to create these and provide secure log evidence. ADSS Signing Server meets the EN 319 142, EN 319 132, EN 319 122 and EN 319 102 standards.

LAWtrust's Digital Signing Server provides all of the ETSI PAdES, XAdES, CAdES digital signature trust services for a wide range of business documents, data and information workflows. It can be simply and easily integrated with ECM, CRM or ERP business applications via high-speed APIs, OASIS DSS web services, Auto File Processor (Watched Folder) or even via email. A minimum of application development or integration is required since ADSS Server maintains all the management knowledge to understand how to sign, where to sign, with what keys, where these are kept, which CAs to trust how to validate certificates, etc. Thus, small changes do not affect the applications.

WHY USE ADSS CLIENT SDK?

✓ The SDK provides easy access to these functions:
- ✓ Signing and verifying PDF, XML data, Files etc., using OASIS DSS and DSS/X protocols.
- ✓ Timestamping
- ✓ Validation using SCVP, XKMS (and OASIS DSS)
- ✓ Archiving using ETSI AdES-A and LTANS
- ✓ Decryption using DSS
- ✓ Client has encrypted in-bound data ideal for tenders, health data, etc.

✓ Supports PDF, XML DSig, PKCS#7, CMS & S/MIME plus ETSI AdES -BES, -T, -C, -X, -X-Long and -A formats.

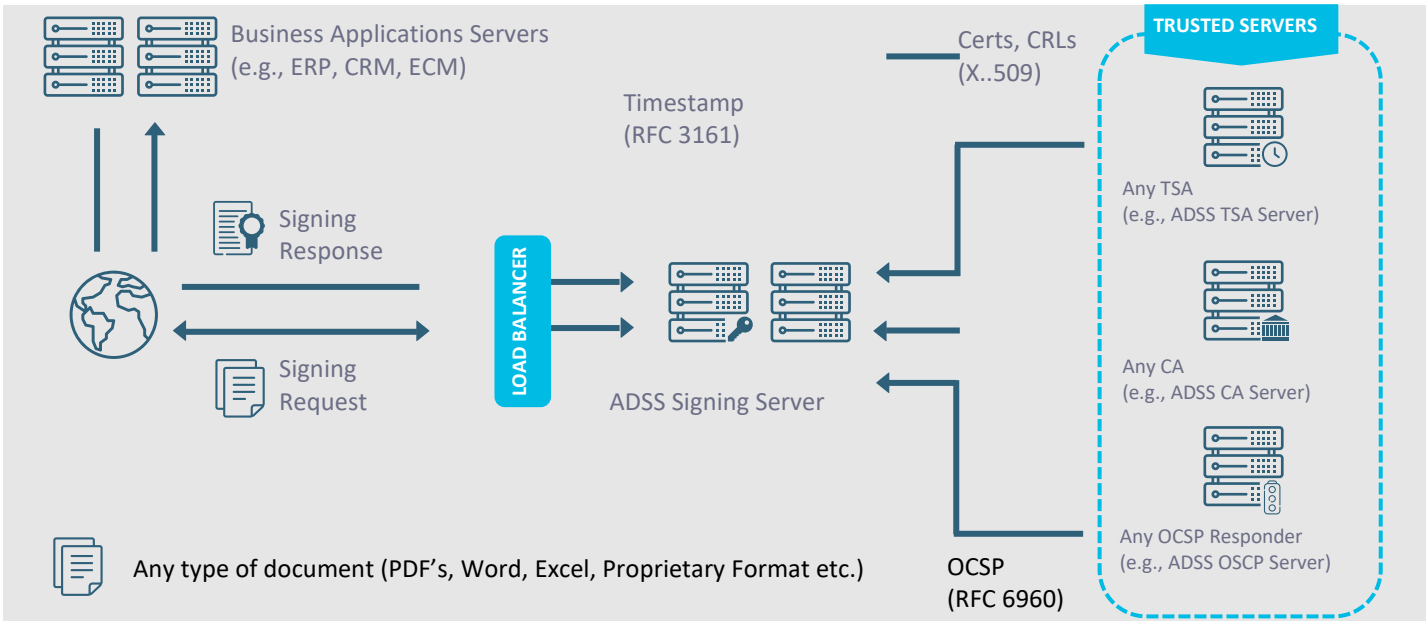
✓ Supports local hashing of data and signature handling and embedding for PDF documents.

✓ Facilitates the verification of signatures with a full range of "Respond With" attributes.

✓ ADSS Client SDK also offers the option of using direct HTTP/S based signing services to save the overheads of handle large documents via web services.

LAWTRUST'S ASCERTIA DIGITAL SIGNING SERVER (ADSS)

- Standard Interface: OASIS DSS & DSS-X, HTTPS, Auto File Processor, Java, .NET
- Signature generation: PDF, XML Dsig, PAdES 2,3,4, XAdES, CAdES, PKCS#7, CMS, S/MIME
- OCSP & Timestamping: RFC 6960 & RFC 3161



ADSS's SDK allows organisations to integrate digital signing quickly and easily into their own business applications.

@ asec.info@altron.com +27 (0)12 676 9240 www.altronsecurity.com