



DATA SHEET

Entrust Digital Document Sealing Bundle for Remote Online Notarization

Align with technological requirements for creating digital seals as part of an online notary service using Entrust HSMs and digital signing certificates

Digital Signing in the Digital World

In today's digital world, remote online notarization (RON) has become commonplace. Digital signing (also called digital sealing when the signature represents an organization) helps provide notarized documents and signatures with strong proof of authenticity, tamper evidence, and non-repudiation.

Digital signing is based on PKI technology, which relies on digital certificates and cryptographic keys. For high assurance, the cryptographic keys must be protected on a secure device such as a hardware security module (HSM).

Key Benefits for Notaries

A digital signature or seal acts like a digital padlock on a PDF document. Once it's in place, any modification of the content will invalidate the seal, leaving a visual proof of document tampering.

Digital seals and timestamps on PDF documents that use the Long-Term Validation (LTV) standard give a strong proof of the existence of the document from the exact date and time it was timestamped. This proof sits within the document and can be checked by anyone using a compatible PDF reader such as Adobe Acrobat Reader.

Secure Document Sealing With Entrust

Our bundle includes:

- An **Entrust document signing enterprise certificate**, trusted under the Adobe Approved Trust List (AATL) and issued under your organization's name
- A **public digital timestamping service** – compliant with RFC 3161 – for every seal generated with the certificate
- An **nShield 5C HSM** for the storage of the certificate's cryptographic key (and the possibility to add more HSMs for redundancy)
- An **nShield HSM Rapid Setup and Deploy Service** with our professional services team to accelerate your deployment so you can start maximizing the potential of the nShield HSMs

Entrust nShield HSMs are certified to:

- National Institute of Standards and Technology (NIST) FIPS 140-2/FIPS 140-3
- Common Criteria EAL4+

Entrust is a public certification authority. We provide publicly trusted digital certificates under AATL.

To learn more about our digital signing solutions, go to entrust.com/products/digital-signing

