



ENTRUST

ComSignTrust and Entrust enable scalable, secure digital signatures



Secure digital signatures made easy – sign millions of documents in just a few clicks!

HIGHLIGHTS

- Improves efficiency of organizational data workflow
- Save time, cost, and resources of manual tasks
- Eliminate future costs associated with document production, handling, storage and disposal
- Experience immediate savings by going paperless
- Free-up personnel to enable increase productivity
- Get secure, cost-effective managed digital storage

The problem: a typical large organization produces thousands of signed documents per month

Paper documents are often mailed and almost all are physically stored and archived for future usage. The cost of production, delivery, handling, and storage can be quite substantial. Moreover, it places an unnecessary burden on the consumer – the need to open, dispose, or store the documents.

The challenge: achieving a secure and trusted paperless work environment

As organizations pursue paperless work environments to increase efficiencies, save resources, and reduce costs, security is top of mind. Digital mechanisms provide the tools needed to embed signatures and to record and validate transactions for logging and auditing all signing operations. Doing this in a manner that scales and provides legal evidence is essential for a trusted system.

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The solution: ComSignTrust Signer-1 with Entrust nShield hardware security modules (HSMs)

ComSignTrust™ SIGNER-1™ enables organizations to use digital signature technology for securing, automating, and controlling their entire document signing process to make it more efficient and far more cost-effective. With an easy click-to-sign process, all file types (PDF, XML, PPT, voice, image, source code, video, doc, excel) may be signed, time stamped, locked (sealed), emailed and e-Filed/e-Archived. The result is a secure, tamper-proof, signed and locked digital file, constituting strong legal evidence for productive and secure workflows. The solution is the ideal choice for medium to large size organizations that produce and send high volumes of signed documents to customers. Enterprises that manage multi-signing workflows on a daily basis look to replace old cumbersome manual processes with new, digital, automatic ones.

SIGNER-1 server-based appliance integrates an Entrust nShield® Solo HSM to enhance the security of the document generation workflow. The nShield HSM generates, safeguards, and manages underpinning signing keys within a certified and tamper-resistant environment to provide the highest level of security.

Why use nShield HSMs with Signer-1?

Signing keys handled outside the cryptographic boundary of a certified HSM are significantly more vulnerable to attack, which can lead to compromise of critical data. HSMs are the only proven and auditable way to secure valuable cryptographic material. nShield HSMs integrate with SIGNER-1 to provide comprehensive logical and physical protection of signing keys. The combination delivers an auditable method for enforcing security policies and facilitates regulatory compliance. nShield HSMs enable customers to:

- Secure keys within carefully designed cryptographic boundaries that use robust access control mechanisms, so they are only used for their authorized purpose
- Ensure key availability by using sophisticated management, storage, and redundancy features to guarantee they are always accessible when needed by the signing platform
- Deliver superior performance to support demanding digital signing applications



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Entrust HSMs

Entrust nShield HSMs are among the highest-performing, most secure and easy-to-integrate HSM solutions available, facilitating regulatory compliance and delivering the highest levels of data and application security for enterprise, financial and government organizations.

Our unique Security World key management architecture provides strong, granular controls over access and usage of keys.

ComSignTrust

ComSignTrust assists organizations to get control over their digital transactions and e-activities by ensuring signer authentication and authorization. By doing so, organizations are able to prevent fraud and business disruption and ensure a highly secure, globally compliant, cost-effective, and automatic digital workflow. ComSignTrust offers digital signature solutions for desktop, enterprise, portable tablets and handset, as well as cloud, web, point of sale and mobile enabled deployments that integrate with applications such as SAP Business One, MS-SharePoint, Salesforce.com, ERP, CRM and BPM solutions. A professional development team is available to address special needs.

www.comsigntrust.com



Learn more

To find out more about Entrust nShield HSMs visit entrust.com/HSM. To learn more about Entrust's digital security solutions for identities, access, communications and data visit entrust.com

To find out more about
Entrust nShield HSMs

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ABOUT ENTRUST CORPORATION

Entrust keeps the world moving safely by enabling trusted identities, payments and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com/HSM

