



ENTRUST

Enterprise public key infrastructure (PKI) deployment service

Ensure your PKI meets all your business needs

HIGHLIGHTS

- Expanded functionality from your existing PKI
- Wide variety of options to meet your business needs presented to you by consultants with years of PKI experience
- High confidence in your PKI solution afforded by thorough planning, documentation and testing
- Enhanced security through Entrust hardware security modules (HSMs) proven over thousands of units deployed globally

Many businesses rely on digital certificates used as security tokens for a wide variety of purposes such as authentication, digital signing and encryption. While a multitude of services and applications can use these certificates, often a Certificate Authority will be deployed into a business to satisfy a single need without forethought as to how else it can be used.

The Entrust professional services (PS) team can help your business reconsider its approach to certificates and PKIs, leveraging additional flexibility from what is now considered a core service to support multiple use cases and applications.

Key services

An Entrust PS consultant will perform the following functions as a part of the enterprise PKI deployment service:

- Analyze your PKI requirements
- Design and document a solution based on Windows Server 2016 Microsoft Active Directory Certificate Services (MS ADCS) and Entrust hardware security modules (HSMs)
- Provide “hands on” or “hands off” assistance with deployment, including detailed installation guides
- Test the solution to prove its functionality

How the enterprise PKI deployment service works

Your PS consultant will initially discuss your requirements with you. A requirements gathering workshop will be held if desired to collect all key stakeholder input.

The consultant will then document the requirements, proposed solution, and post-deployment tests, and agree with you on the scope of work and price before commencing further work.

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The solution will be designed based on MS AD CS and utilizing Entrust nShield® HSMs for private key protection. After solution design, the PS consultant will produce documentation to cover installing the solution and its configuration. The documentation will also contain operating steps as well as information relating to backup and recovery. Your consultant will present a thorough plan designed to minimize downtime during deployment.

Once the installation guide is completed, your PS consultant will help you deploy the solution. The consultant will either lead the deployment or guide your staff to deploy the solution. Entrust PS encourages working with the staff who will support the PKI to facilitate direct knowledge transfer.

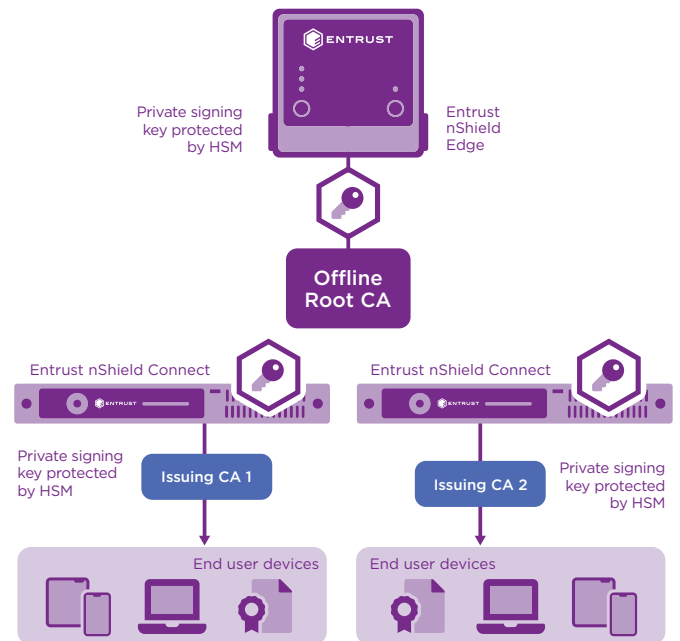
Finally, your PS consultant will work with your team to test the PKI to prove that the solution meets objectives and functions as designed.

A variety of options and sizes

The Entrust enterprise PKI deployment service comes in a variety of sizes to suit many purposes. For example, Entrust PS can provide solutions for:

- Single-tier PKIs for test purposes
- Two-tier PKIs for enterprise uses including various certificate enrolment services
- High availability PKIs

- PKIs generating credentials for services you provide to your customers
- High assurance PKIs documented with full policy frameworks where third party accreditation is a requirement



Learn more

To find out more about Entrust nShield HSMs visit [entrust.com/HSM](https://www.entrust.com/HSM). To learn more about Entrust's digital security solutions for identities, access, communications and data visit [entrust.com](https://www.entrust.com)



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