



**ENTRUST**



## Entrust nShield Certified Systems Engineer (nCSE)

Mitigate your deployment risks and maximize your ROI through Entrust certified training

### HIGHLIGHTS

- Supply the skills your people need to deploy with confidence
- Mitigate risk associated with implementing new hardware and software into new and existing environments
- Increase your independence, and resolve issues faster and more effectively
- Manage risks through increased awareness of configuration choices
- Increase awareness of security policy impacts within your operating environment

Organisations are becoming ever more aware of the costs, both financial and on reputation, of poorly maintained security in an increasingly hostile environment. Data incursions often have a highly damaging impact on both public and business confidence, adversely affecting future investment and, consequently, growth.

The nCSE provides the training to give your people the knowledge to get the most from your investment. Getting the best from your technology requires a technology, getting the best use from it depends on how much you invest in it. Giving the right people the right information will maximise their effectiveness in protecting your data.

Entrust has an enviable reputation in the field of data protection, with over 40 year's experience. With a dedicated team of 14 consultants Entrust's Professional Services team is well placed to offer expert advice and training on all Entrust hardware security devices, giving you the confidence to deploy efficiently and effectively.

**LEARN MORE AT [ENTRUST.COM/HSM](https://www.entrust.com/hsm)**



# Entrust nShield Certified Systems Engineer

## What can the nCSE offer your business?

The Entrust nCSE course provides a comprehensive introduction to the whole nShield® product family. With a mixture of theory and hands on practical workshops, the nCSE course will provide delegates with the confidence and knowledge to deploy and setup a working security domain that can be fully aligned with your business security needs and requirements.

## Who should attend the nCSE?

The nCSE covers a range of areas and is designed for both those with some existing experience of cryptography and to introduce those with limited experience in the cryptographic arena to the basic concepts of cryptography and the role of the hardware security module in modern businesses.

Any employee expected to be working with an nShield unit is advised to attend, as well as members of project and IT management teams working on projects where Entrust hardware security technology is expected to be deployed.

## The Entrust Difference

### Encryption expertise

Entrust's professional services (PS) team leverages its unmatched expertise to drive successful projects. Our team is lead by system architects and senior consultants. All of our consultants have a deep understanding of Entrust solutions and best practices for encryption and key management.

### Trusted supplier

Entrust PS leverages over 40 years of experience in the e-security business. Entrust PS offer a trusted and personal approach to deploying your solution in test, pre-production, live and disaster recovery environments. Our deployment specialists allow the process of deployment to be fully audited and documented.

### Global experience

From data encryption to key management to digital signatures, Entrust PS has deployed global security solutions across a broad variety of industries and technology environments. Entrust PS is experienced in meeting the demands of the most security-conscious customers, ranging from financial services companies, defense, and manufacturing through many of the best known names in the high technology field.

### Related services

Entrust provides a full range of services for general purpose HSMs including: deployment review, health check, audit and fully certificated training (nShield® Certified Systems Developer – nCSD). A portfolio of rapid and cost-effective services designed to help maximize your ROI by optimizing your encryption and key management knowledge and deployments.



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## nCSE Overview

The Entrust nCSE course covers the following areas:

Day one:

- Fundamentals of cryptography
- Introduction to hardware security modules
- Introduction to Security World
- Software installation
- Optional features
- Hardware security module configuration
- Practical session – nShield configuration

Day two:

- Security World creation
- Practical session – Security World configuration
- Disaster recovery
- Practical session – disaster recovery
- Maintenance
- Remote operator - Introduction
- Secure execution engine (SEE) – overview
- KeySafe GUI
- Exam

## Learn more

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

To find out more about  
Entrust nShield HSMs

**HSMinfo@entrust.com**

**entrust.com/HSM**

## 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**



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