

## Certified training delivers results

- Accelerate application development
- Reduce development costs
- Advance the security and performance of your applications
- Leverage knowledge from thousands of deployments worldwide

# nCipher Certified Solution Developer training



# nCipher Certified Solution Developer training

## THE NCIPHER PROFESSIONAL SERVICES DIFFERENCE

nCipher hardware security modules (HSMs) provide a unique foundation for securing data and protecting identities. Integrating HSMs with your security-sensitive applications and data requires that developers have a thorough understanding of HSMs and how best to integrate them with your applications and architecture.

nCipher Certified Solution Developer Training enables your team to quickly learn the skills needed to build, test, and deploy HSM applications using nCipher HSMs. Certification helps ensure your developers are ready to leverage the complete capabilities of nCipher HSMs, allowing your team to deliver projects faster and on budget.

nCipher training exposes developers to the broad capabilities of nCipher HSMs and their available integration interfaces. In two days of training, developers learn the full range of application programming interfaces (APIs) available.

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

## ACCELERATE APPLICATION DEVELOPMENT

As Certified Solution Developers, your team is ready to plan for development, testing, and deployment across all of the programming interfaces for nCipher HSMs. This can take weeks off a development project and give developers the insight needed to select the best interface for HSM integration. All of this means a faster, more efficient deployment.

## REDUCE DEVELOPMENT COSTS

Developing with the right tools for the right architecture helps to keep down costs today and into the future. As Certified Solution Developers, your team can jump ahead and finish their development faster without making common mistakes and errors. This makes the Certified Solution Developer program an integral part of your efforts to reduce both development time and costs.

## ADVANCE THE SECURITY AND PERFORMANCE OF YOUR APPLICATIONS

Certified Solution Developers learn the full range of interfaces available with nCipher HSMs and the benefits of each. This includes the optional CodeSafe for running applications in the secured confines of an HSM. Whether improving scalability or implementing for strict compliance needs, the Certified Solution Developer program allows your developers to get the most out of your HSM investment. Developers will be well equipped to advance the security and performance of your applications.

## LEVERAGE KNOWLEDGE FROM THOUSANDS OF DEPLOYMENTS WORLDWIDE

nCipher Professional Services plans, develops, and deploys solutions for enterprises worldwide. Certified Solution Developer Training courses are conducted by consultants who share their experiences with course participants.

## TRAINING FOR YOUR WHOLE TEAM

For system administrators and operations teams, nCipher also offers the Certified Systems Engineer program to enable your team to plan and deploy solutions integrated with nCipher HSMs. There is no better opportunity to build knowledge and expertise on HSMs than by completing the Certified System Engineer program.

## CURRICULUM OVERVIEW

### Day 1 – Fundamentals and Security World

- Hardware, software, and architecture overview
- HSM hardware and software architecture
- Security World overview
- Load balancing, failover, and redundancy

### Day 2 – Developing applications

- Introduction to APIs and hands-on coding
- Introduction to available APIs
- Standards-based APIs in detail
- nCipher APIs in detail
- CodeSafe and CodeSafe SSL (Optional)
- Practical session – Disaster recovery

## DESIGNED FOR

The Certified Solution Developer program is designed for those involved in the architecting, development, and maintenance of applications integrating with HSMs.

The course is recommended for:

- System architects
- Software developers

Prerequisite knowledge required:

- Java or C/C++ programming

## LEARN MORE

To find out more how nCipher Security can deliver trust, integrity and control to your business critical information and applications, visit [ncipher.com](http://ncipher.com)

Search: [ncipher.com](https://www.ncipher.com)



©nCipher - April 2019 • PLB8255

[www.ncipher.com](http://www.ncipher.com)

