



## Embedded security

### Secure Embedded Systems

Secure embedded systems integrate numerous strategies and procedures to perfectly coordinate cybersecurity in the programming and equipment of embedded frameworks. Security segments added to embedded systems can block the usefulness of a framework and affect the constant execution of the missions of the core systems. Framework specialists, engineers and experts need a highly characterized approach to the whole process, while emphasizing the usefulness of embedded frameworks and cyber security. A secure embedded framework can use a security coprocessor to cryptographically guarantee the confidentiality and reliability of the framework while ensuring its usefulness.

You can see detailed course descriptions of the various trainings by using the above navigation bar. You can also click on course identifiers in the following course briefs hereafter.

**oSEC1 - Writing Secure C/C++ code** This is a Live Online Training

Learn ways to use C/C++ safely in critical systems and discover the Embedded system features for security

**oSEC2 - Advanced Embedded Systems Security** This is a Live Online Training

Discover how to protect your programs from malicious user input, Secure System Software and Consideration, Apprehend the context and the use of Hypervisors and System Virtualization and Discover Security checks and Tools

**oSEC12 - Comprehensive Secure Systems Programming** The oSEC12 course is designed for software engineers that need to design and program secure systems. This course is a combination of **oSEC1 - Writing Secure C/C++ code** course and **oSEC2 - Advanced Embedded Systems Security** course, with a special price when both consecutive sessions are booked at once.

**oSEC3 - wolfSSL for Embedded Security** The oSEC3 course is designed for software/ Hardware engineer

**oSEC4 - Advanced wolfSSL for Embedded Security** The oSEC4 course is designed for software/ Hardware

**oSEC34 - Comprehensive Security with WolfSSL** The oSEC34 course is designed for software/ Hardware

- **Advanced wolfSSL for Embedded Security** course, with a special price when both consecutive sessions a