

Ensuring the security of embedded systems is important to prevent unauthorized access or manipulation of the system and to protect the confidentiality, integrity, and availability of the system and its data.

There are various approaches to securing embedded systems, including the use of secure processors and specialized security hardware, the implementation of security protocols, and the use of secure coding practices. It is also important to have a system in place for distributing updates and patches to address newly discovered vulnerabilities.

At AC6 Training, we offer a range of courses on embedded security, including courses on secure coding practices, hardware security, and the use of secure processors. [oSEC1 - Secure C/C++ Development for Embedded Systems](#)

This course provides an introduction to embedded security and covers relevant industry standards. It includes secure communication protocols. Additionally, it offers an overview of secure development practices and secure hardware features for security.

Attendees will also learn about a secure software development methodology and framework, gain an understanding of the context and use of hypervisors and system virtualization, and become familiar with security checks and tools.

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