



## ***Application security***

### **Description**

This training will help you to understand what method to develop secure applications. Application security is not limited to develop secure code, although this represents a good part of this security. How do you protect the source code? Why is it necessary take care of security during the development of an application? What will be the threats and associated risks when the application is delivered? My application uses a database and is not visible from the Internet, do I need to protect it? All those questions are addressed in this training.

### **Objectives**

In this training, you will understand and implement the appropriate security measures in development of applications. Upon completion of this training you will be able to:

- Identify existing standards in application security
- Identify and implement security measures related to application development
- Identify software development methods
- Identify the principles of application security
- Identify threats and risks associated with applications
- Identify the categories of attacks
- Identify security issues associated with databases
- Help you to convince your organization to invest in application security

### **Content**

This training will cover those topics:

- System security lifecycle
  - Standards
  - Life cycle of an application
  - Control measures associated to system security lifecycle
  - Development methods
  - Programming languages and security
  - Principles of application security
- Application security issues
  - Transactions
  - Malware and types of attacks
- Database security
  - Database security issues
  - Control measures associated with databases
  - Database access languages



Practical cases will be used to help you to assimilate the different topics presented in this training and to implement those within your organization.

## **Audience**

This training is intended primarily for someone who needs to implement a method for application security or anyone else who is involved in.

## **Duration**

A half day.

This training can be customized to your organization to give you the best ROI.