



# Secure Desktop Application Development In C#

## Training Details

Training Time	:	3 Days
Capacity	:	12
Prerequisites	:	There are no prerequisites for this course.

## About Training

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As a developer, your duty is to write bulletproof code.

What if we told you that despite all of your efforts, the code you have been writing your entire career is full of weaknesses you never knew existed? What if, as you are reading this, hackers were trying to break into your code?

This combined course will change the way you look at code. Secure Desktop Application Development In C# training during which we will teach you all of the attackers' tricks and how to mitigate them.

### What You'll Learn

- Understand basic concepts of security, IT security and secure coding
- Learn about typical coding mistakes and how to avoid them
- Learn to use various security features of the .NET development environment
- Have a practical understanding of cryptography
- Understand security concepts of Web services
- Learn about XML security
- Learn about denial of service attacks and protections
- Get sources and further readings on secure coding practices

## Who Should Attend

C# desktop application developers, software architects and testers.

## Outline

- IT security and secure coding
- Common coding errors and vulnerabilities
- .NET security architecture and services
- Practical cryptography
- Desktop application security
- Data access security in .NET
- Windows Communication Foundation security
- Denial of service
- Principles of security and secure coding
- Knowledge sources

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