

# Securing Your Net Applications

## **Duration**

1 day

## **Instructor**

Michèle Leroux  
Bustamante

## **Class Limit**

20 students

## **Prerequisite**

No prior knowledge of C# or .NET is required, however, object-oriented programming experience is recommended.

## **Price**

On-site:

Please contact SPC  
for pricing (contact  
information on page 2)

Public Training:

\$995 (2 days)

\*Discount available for  
early registration

## **Materials Provided**

- Student manual containing the course slides
- Student handouts with class exercises and class studies

No matter what technologies you use in your application, you will face similar security issues: authentication, authorization, impersonation, securing communication channels, and so on. This seminar presents a multi-facet approach to security, covering code access security, role-based security, enterprise services security, ASP.NET security, web services security and remote security.

The seminar begins by illustrating how to administer code-access security using the .NET configuration tool and how to provide additional security programmatically. The seminar then discusses .NET's way of dealing with what users are allowed to do using .NET role-based security. You will also see you how to provide secure communication channels using .NET Enterprise Services, and how to unify the two security models. You will learn how to use Enterprise Services security (identity, authentication, authorization, impersonation), and even remoting security. Next, other security aspects are covered: ASP.NET and web services authentication. The seminar provides practical advices and presents original helper classes and utilities. Time permitting; the seminar will discuss design guidelines and a comprehensive real life case study

## **Intended Audience**

Any Microsoft technologies developer, regardless of the application or the domain, would benefit greatly from the seminar.



TRAINING

## Securing Your Net Applications

### Instructor

Michèle Leroux Bustamante is an Associate of IDesign Inc., a Microsoft Regional Director, an internationally known speaker, and author. With over 10 years of industry experience, Michele held numerous lead architect and executive positions. At IDesign Michele contributes her diverse background to .NET training and high-end corporate consulting. Her expertise spans technologies related to graphics and imaging, COM and high-availability Internet applications, with a hands-on background developing enterprise applications with VB, C++, Java/J2EE and C#/.NET. Michele speaks regularly at technical conferences such as VSLive!, DevConnections, SD Expo, Web Services XML ONE, .NET ONE, and CTTM. She is a member of the INETA (International .NET Association) Speakers Bureau – a selection of recognized international speakers designated to promote .NET worldwide. In 1993, Michele founded the Microsoft programming curriculum at UCSD Extension, and now advises their Web Services initiative for .NET and J2EE platforms. Michele also started .NET Dashboard (<http://www.dotnetdashboard.com>). Michèle can be reached at [www.idesign.net](http://www.idesign.net).

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For more information on this or other SPC Springboard courses, please visit [www.spcspringboard.com](http://www.spcspringboard.com) or e-mail SPC at [info@spc.ca](mailto:info@spc.ca)

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### Outline

- Administrating code-access security
- Programmatic code-access security
- .NET role-based security
- Custom security principals
- Enterprise Services security
- Remoting and security
- ASP.NET security
- Web services security
- Design guidelines and examples (time permitting)



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