

Secure Coding for .NET Training

- General Web Application Security Concepts
- .NET Framework Security Features
- Input Validation & Encoding
- Input Driven Attacks
- Validation Best Practices
- Output Encoding
- Common Authentication Weaknesses
- Authorization Best Practices
- Controlling Application Access
- Password Security
- Session Hijacking & Trapping
- Protecting User Sessions & Tokens
- Canonicalization Problems
- Parameter Manipulation
- Encryption, Confidentiality & Data Protection
- Cookie-Based Attacks
- Protecting Application Variables
- Error Handling & Logging
- Attacking via Error Messages
- Secure Logging & Error Handling
- Server Configuration & Code Management
- Common App Server Misconfigurations
- Protecting Application Code
- XML Web Services

- Overview of WSDL, SOAP & AJAX Security
- Web Service Attacks
- AJAX Pitfalls
- Web Service Best Practices
- Application Threat Modeling
- Application Context
- Identifying Attacks, Vulnerabilities & Countermeasures
- Threat Modeling Tools
- Cache Control Issues
- SSL Best Practices