



## ICS/SCADA Security Training

Securing control systems is a challenge. Off the-shelf software and hardware as well as remote access possibilities in industrial environments increase continuously. The broader threat landscape and increased sophistication of attacks indicate the need to bolster the security posture of Operational Technology (OT) and in particular industrial control systems (ICS) and SCADA environments. But where to begin?

### Course objectives

The Deloitte ICS/SCADA Security Training is an intensive, three day program that covers a number of topics to better understand the ICS environment and improve the security of ICS systems. During this training, we will provide insight into threats, best practices, vulnerabilities and the controls to mitigate them. We will take the participants through the complete ICS security cycle: Know, Prevent, Detect, Respond and Recover.

### The instructor

Trajce (TJ) Dimkov is a Senior Manager for Cyber Risk Services in the Netherlands and has over 9 years of experience in executing and leading IT and OT security initiatives for clients in critical infrastructure industries, manufacturing, oil, gas and other sectors. His unique skill sets in both intrusion testing and security assessments, architecture design and cyber program development give him a well-rounded perspective on cyber threats and counter-measures affecting business and operational environments.

### Target group

The course is particularly suited for cyber security professionals who need to develop their knowledge of OT environments as well as OT specialists who need to secure ICS/SCADA environments.

- IT and IT Security Professionals
- Industrial engineers
- OT Security and Support
- Program Managers

### Prerequisites

It is recommended that course participants have a basic understanding of IT administration, networking and security practices. The course is meant to be flexible and the instructor will help bridge any knowledge gaps.

### What you will receive

Course content including case studies

### Professional education

Attendants to this course will be able to claim 21 CPE credits.

### Cost

The course is offered at \$995, including lunches.

### Where and when

Deloitte Tower  
1190, ave. des Canadiens-de-Montréal  
Suite 500, **Montreal**, Quebec  
H3B 0M7, Canada

Montreal, September 12-14, 2016

## Course schedule

### Day 1: ICS fundamentals and ICS framework

- Security basics
- ICS basics
- Developing governance and ICS framework
- Risk Management in ICS

### Day 2: Controls and solutions

- Incident management
- Network segmentation
- Security monitoring
- Remote access security
- Patching and malware prevention
- Portable media security

### Day 3: Practical approach

- Case studies from practice:
  - Active and passive security assessments
  - Building security operating model
  - Security roadmap in ICS organisations

## Contact us

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## Information and registration

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