



Securing Critical Information Infrastructures

Training Course – Control Systems Cyber Security

Length – 4 Hours

Course Description

This course will introduce the audience to the basic concepts of cyber and its impact to control systems and SCADA networks. The course is designed to introduce the student to emerging cyber security issues in industrial networks, as well as provide a baseline for understanding more advanced topics relating to mitigation and counter-attack. The goal will be to enable students to understand the current issues in control systems and SCADA network security, the use of modern security technologies in industrial domains, and operational security issues.

Course Outline

- Convergence of control systems and emerging cyber risk
 - Cyber threats and vulnerabilities in SCADA/PCS systems
 - Differences between SCADA/PCS security and IT security
 - Analysis of cyber-centric events in SCADA/PCS
 - SCADA/PCS forensics and best practices
 - Porting IT security technologies into the SCADA/PCS domain
 - Standards and regulatory considerations
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