

ICS Risks Are Unique.

Are your employees trained to deal with them?

Empower a secure workforce with SANS Security Awareness.

With security threats to critical infrastructure and industrial control systems (ICS) on the rise, nearly half of ICS networks have faced some kind of cyberattack. It comes as no surprise that seven in 10 companies operating in these environments have concerns about when and how the next attack will take place. With a ICS cybersecurity expertise in short supply, the onus on front-line employee behavior is increasing.

At SANS Security Awareness, we know that ICS working environments are very different from their corporate counterparts – which means so, too, are their security risks. That's why we've designed a unique computer-based training solution to help employees who support, interact with, or operate within ICS environments effectively recognize and respond to cybersecurity threats, reducing the risks of data loss, system breakdowns and physical damage.

One-of-a-Kind Training Built Exclusively for ICS

Backed by SANS, the largest and most trusted source for information security training in the world, SANS Security Awareness ICS Training provides relevant, fully SCORM-compliant learning modules that don't just meet ICS compliance requirements – they develop cyber-resilient workforces by effectively managing human risk.

SANS Security Awareness ICS Training delivers:

Unmatched Expertise

This all-new training content is authored and hosted by Tim Conway and Dean Parsons, who are both SANS instructors and experts in the field of ICS cybersecurity. Bringing real-world insights into ICS-specific cyber threats, the two have created unique training material that is both current and highly relevant.

Strategic Learning Approach

Teaching people about ICS attacks, defenses and best practices is not enough – they must know how to bring it all into play. That's why we apply and constantly assess adult learning science principles when designing our learning modules, ensuring curricula is pertinent, engaging, and effective.

Targeted, role-focused learning

Organized into easily digestible minutes-long modules that showcase authentic, real-world ICS scenarios, this role-based training series is designed to offer valuable lessons for all employees, not just ICS engineers. Ensuring that your entire organization gains a understanding of critical ICS cybersecurity issues as they relate to each employee's responsibilities.

Create a More Secure ICS Environment with SANS Security Awareness.

From plant managers to operations engineers to vice presidents of operations, each individual in the ICS hierarchy has an important role in protecting the infrastructure of major industries. Yet many of these individuals receive training better suited for the corporate environment or, worse yet, no security training at all.

SANS Security Awareness ICS Training Modules

Twenty-three brand-new ICS learning modules focus on the unique needs of ICS industries while equipping anyone who works within ICS environments, regardless of their expertise, with the information and tools necessary to protect and defend critical control systems.

Module Listing

Modules in this course have been targeted towards Administrative End User (E), ICS Practitioner (P), and Senior Leadership (L) roles as follows:

- Instructor Introduction: Tim Conway (E, P, L)
- Instructor Introduction: Dean Parsons (E, P, L)
- ICS Introduction (E, P, L)
- ICS Overview* (E, P, L)
- ICS Drivers and Constraints (P)
- ICS Overview of Attacks (P)
- ICS Attack Surfaces (P)
- ICS Server Security (P)
- ICS Network Security (P)
- ICS System Maintenance (P)
- ICS Information Assurance (P, L)
- ICS Incident Response (P, L)
- ICS Attack Scenario (E, P)
- ICS Ukraine Attack (E, P)
- ICS Phishing (E, P)
- ICS Ransomware (P)
- ICS Awareness and Reporting (E, P)
- ICS Removable Media (E, P)
- ICS Cyber Engineering Oldsmar CIE (E, P, L)
- ICS Transient Cyber Assets (P)
- ICS Operating through a Ransomware Attack (P, L)
- ICS Perimeter Attack (P)
- ICS Supply Chain Summary (P, L)
- ICS Conclusion (E, P, L)

** Two introduction modules are included. Each hosted by either Mr Conway or Mr Parsons*

Cybersecurity risk is a people problem.
Empower your people to be its solution.

www.sans.org/security-awareness-training