ICS Security Courses

ICS Cybersecurity Foundations™

Learn the cyber fundamentals to protecting ICS/OT environments.





(may)

Essentials for NERC Critical Infrastructure Protection™

Monitor threats, perform incident response and enhance network security.

Gain the essential skills to keep industrial environments safe from cyber threats.



Manage the people, processes, and technologies for OT cyber risk programs.

ICS Security Essentials for Leaders™

456 Maintain a defensible compliance program up to NERC CIP standards.

ICS Visibility, Detection, and Response™



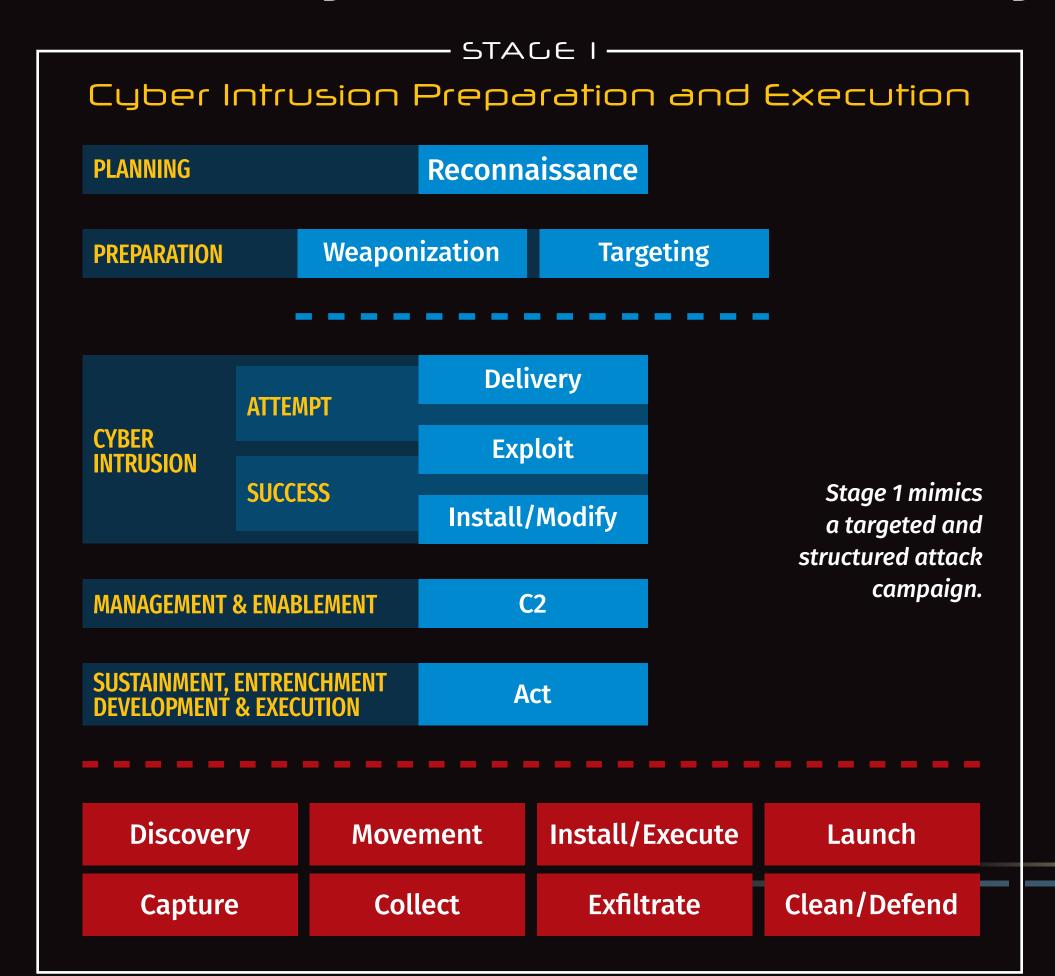
ICS Cybersecurity In-Depth™

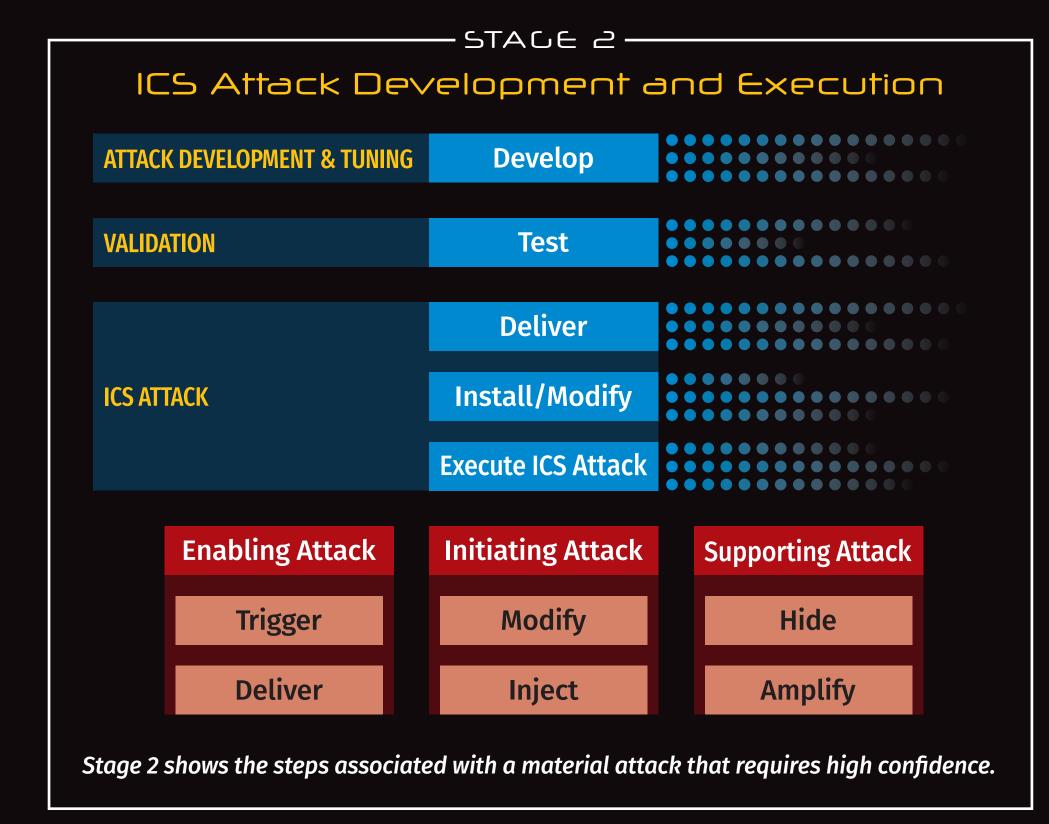
Identify threats in a real-world ICS environment to protect against adversary attacks.

ICS/OT Penetration Testing & Assessments™

Perform safe, hands-on ICS/OT penetration testing & assessments to identify vulnerabilities and improve operational resilience.

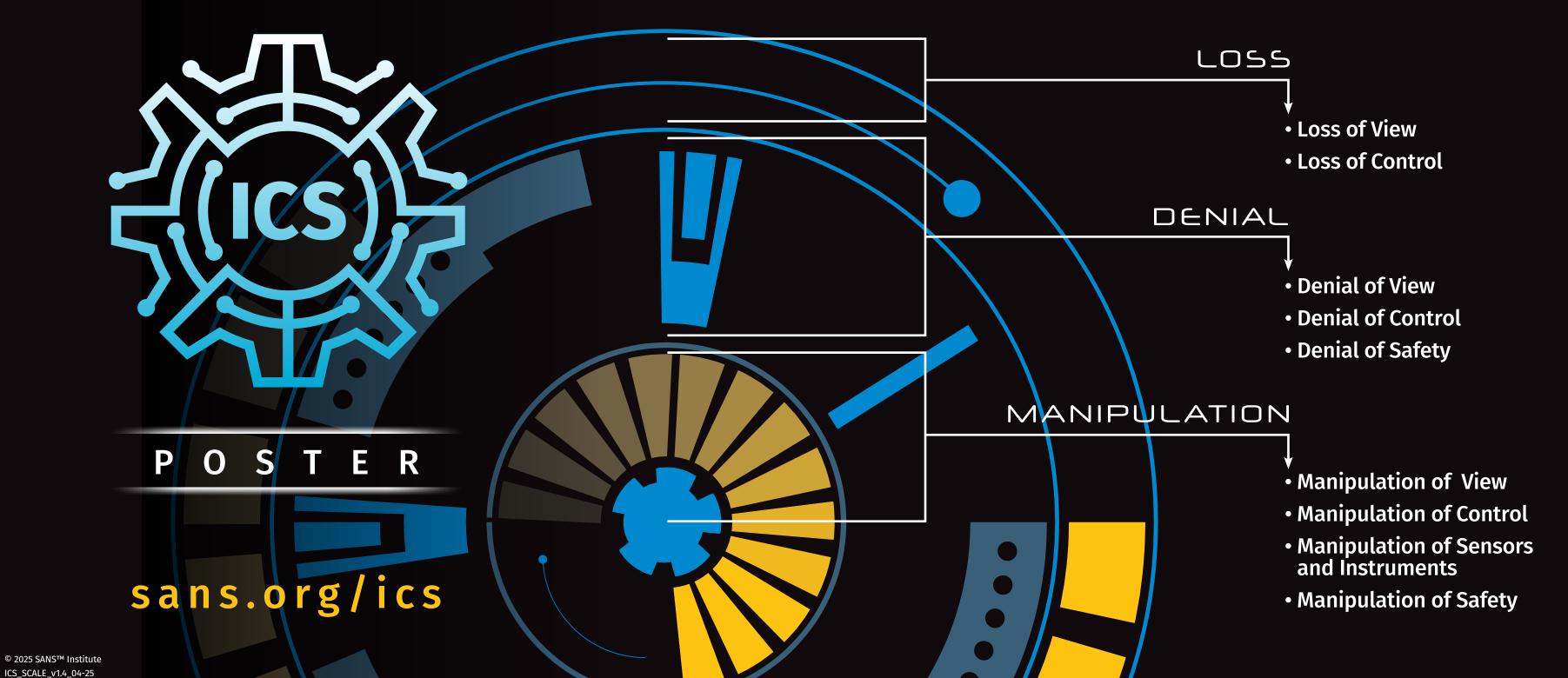
ICS Cyber Attacks Normally Require Two Distinct Stages



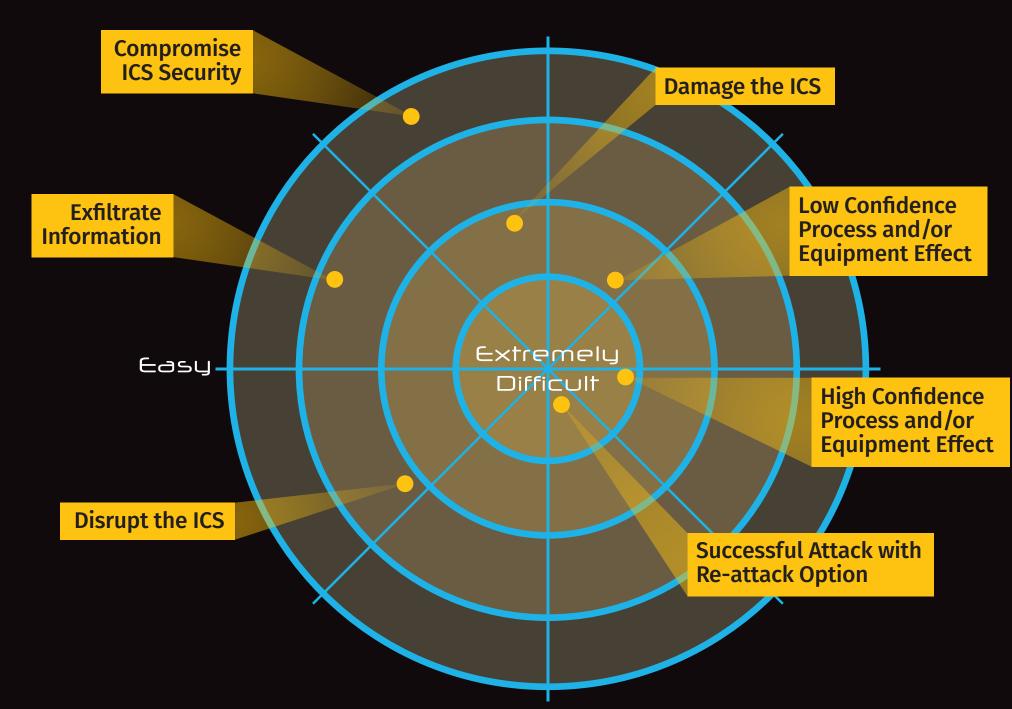


Based on the Cyber Kill Chain® model from Lockheed Martin

Attacker Objectives



ICS Attack Difficulty



The Sliding Scale of Cybersecurity

ICS410

Level 0

ICS/SCADA Security Essentials™

This course builds on foundational ICS cybersecurity principles to provide industrial cybersecurity professionals with the advanced skills necessary to secure OT environments effectively. By focusing on the unique demands of industrial systems, the course equips both IT and OT cybersecurity professionals to address emerging threats, ensuring the safety, security, and resilience of critical infrastructure with minimal operational impact.



ICS515

ICS Visibility, Detection, and Response™

This course teaches how to gain visibility into ICS/OT networks, detect threats, and respond to cyber incidents targeting industrial environments. It empowers students to deconstruct real-world attacks, apply intelligence-driven defense strategies, and enhance network security and reliability.

(X) @SANSICS

oster was created by Rob T. Lee—author of SANS ICS515

