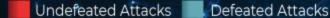


The Top 20 Cyberattacks On **Industrial Control Systems**

The Top 20 Cyberattacks is a standard set of attacks spanning a wide range of physical consequences and attack sophistication. We can use this standard set as the basis for capabilities-based risk assessments and to compare the strength of security posture at different sites. The Cyber Design Basis Threat (CDBT) line separates those attacks that are reliably defeated by a given security posture from attacks that are not so defeated.







1st Generation ICS Protection

Sophisticated Credentialed ICS Insider

Nation State Crypto Compromise

Hardware Supply Chain

Stuxnet-Class

Vendor Back Door

Compromised Remote Site

Compromised Vendor Website

Malicious Outsourcing

IIoT Pivot

Hijacked Two-Factor

Cell-Phone WiFi

Sophisticated Market Manipulation

Market Manipulation

Sophisticated Ukrainian Attack

Zero Day Ransomware

Targeted Ransomware

ICS Insider

C-DBT

Ukrainian attack

Common Ransomware

IT Insider

Modern Unidirectional Protection

Sophisticated Credentialed ICS Insider

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