

X-Force IR for Operational Technology (OT)

Many OT environments are islands. The technologies, people, locations, and processes operate on their own, segmented from the rest of the organization. The segmentation can create visibility challenges. Your security team may not know which OT assets exist, if they are under attack, or if they have vulnerabilities that expose the environment to attackers.

X-Force IR for OT services aim to close the gap by serving as the bridge between the IT and OT environment.

X-Force IR for OT

Plan Development

–Defines the incident response processes for the OT environment, and how they can fit into the IT incident response plans.

–Focuses on developing a plan and local procedures that abide by a local support model and regulatory requirements.

OT-Focused Playbooks

–Builds OT-specific playbooks for incident responders so that they understand the local systems and can react quickly to incidents to minimize the safety impact.

Readiness Assessment

–Assesses your incident response controls, processes and people for the OT environment and rates the maturity level for readiness.

–Assesses the architectural segmentation of the OT environment to align with the ISA/IEC 62443, NIST 800-82 (revision 2) and other industry standards.

Tabletop Exercises

–Simulates attack scenarios in a controlled environment to test your OT incident response program.

–Simulations include plant managers, local process control engineers and cyber security teams so that they understand how to integrate and collaborate when responding to an incident.

–Builds necessary trust between your cybersecurity and operations teams.

OT Threat Assessments

–Hunts for active threats against OT networks and devices by collecting forensic artifacts from endpoints.

–Identifies flaws that attackers may leverage such as rogue-or misconfigurations, improper device communications, and/or unauthorized field controller modifications.

For more information, visit

<https://www.ibm.com/security/services/incident-response-services>