OT/IoT cybersecurity enables Industry 4.0 adoption

Rising geopolitical tensions across Europe and exponential growth in cyber attacks are increasing threats to IT and OT systems. In this heightened environment, unmanaged IoT devices combined with unsupported legacy systems, inadequate segmentation between OT and IT networks, inconsistent security policies and a general lack of visibility is putting critical infrastructure assets at greater risk.
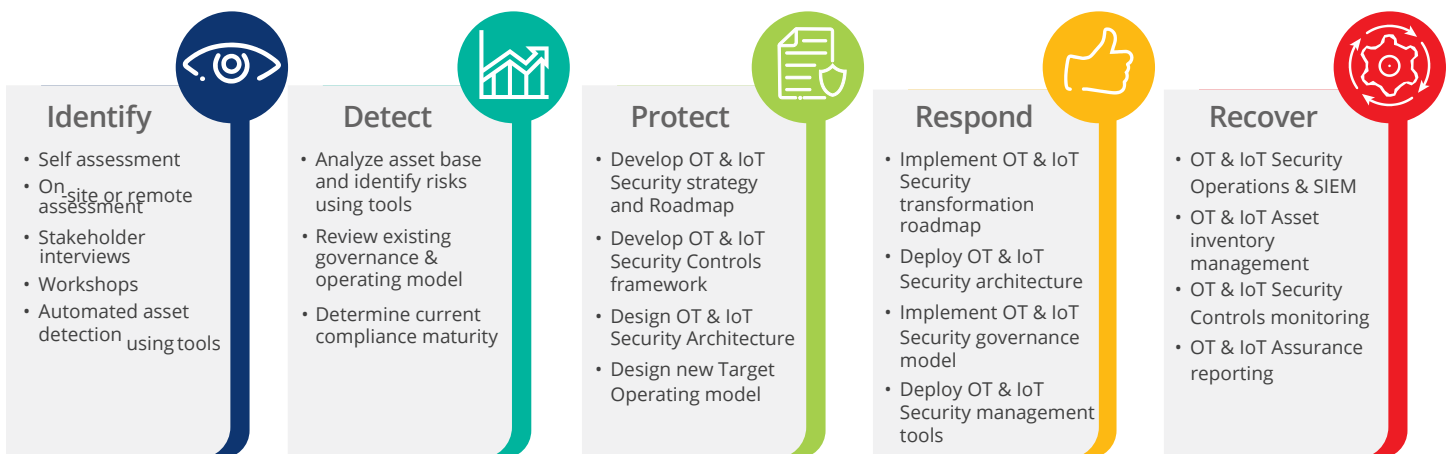
Wipro's innovative OT/IoT security solutions blend strategic business-focused consulting with proven technical engineering to improve real time visibility into OT and IoT assets. Clients get the Industry 4.0 benefits of interconnectivity and smart automation to identify and manage cyber risk and enhance operational resiliency.

148%
Growth in vulnerabilities affecting critical manufacturing in 2021
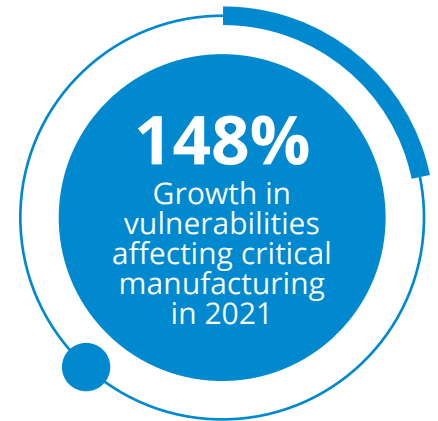
A strategy-first, 5-step approach

Our OT/IoT solution offers clients:
• Upgraded security posture through consistent security policies, processes and governance
• Accurate OT and IoT operational visibility for assets, network traffic and processes
• Enhanced industrial environment resilience
• Automated asset discovery and inventory management
• Advanced ICS threat detection
• OT Cyber Hub providing end-to-end cyber security services for the OT environment

Identify	Detect	Protect	Respond	Recover
• Self assessment • On site or remote assessment • Stakeholder interviews • Workshops • Automated asset detection using tools	• Analyze asset base and identify risks using tools • Review existing governance & operating model • Determine current compliance maturity	• Develop OT & IoT Security strategy and Roadmap • Develop OT & IoT Security Controls framework • Design OT & IoT Security Architecture • Design new Target Operating model	• Implement OT & IoT Security transformation roadmap • Deploy OT & IoT Security architecture • Implement OT & IoT Security governance model • Deploy OT & IoT Security management tools	• OT & IoT Security Operations & SIEM • OT & IoT Asset inventory management • OT & IoT Security Controls monitoring • OT & IoT Assurance reporting

Continuous Improvement

Advisory & Consulting