



PwC Operational Technology Security. Built on Microsoft Azure

The fourth industrial revolution has brought substantial gains in productivity and efficiency, as well as an increased cyber threat landscape for asset owners. As organizations work to quantify and mitigate the increased cyber risk stemming from their interconnected control systems, they continue to struggle with the foundational need of understanding what is on their network, what is communicating, and what is the impact if assets are compromised. As the Industrial Internet of Things (IIoT) continues to grow, so will the challenges.

Realtime Asset Discovery and Network Visibility

PwC works with Microsoft to deliver services that rapidly deploy, operationalize, and integrate CyberX into your Operational Technology (OT) and cybersecurity programs. Whether you are looking to improve existing capabilities or building from the ground up, PwC and Microsoft can help you.

PwC's OT Security Differentiators

- Efficiently plan and deploy CyberX globally
- Ability to adapt CyberX into a broader OT cybersecurity strategy and implementation plans
- Ability to align IT and OT security programs to enable successful deployments
- Expertise to integrate with Sentinel and Azure Security Center



Deployment Optimization

- Leverage PwC accelerators to finalize your deployment approach
- Leverage our Global OT Cyber Team for cost effective world wide deployments
- Assist you in managing organizational change to help drive rapid adoption by providing training and empowering your people



Rapid Pilot and Expand Model

- Pilot the capabilities using PwC's rapid deployment approach, including the option to pilot remotely from our OT lab
- Continuously optimize and refine the rollout with PwC's OT Cyber team
- Operationalize the platform with OT incident response planning playbook development



Cyber Portfolio Integration

- Utilize our team of experts to integrate the offering with Microsoft tools such as Sentinel as well as other best of breed products for Asset Management, SIEM, Perimeter Security, and Workflow Management
- Align CyberX capabilities with your OT Security program to equip you with critical capabilities

PwC can help you rapidly deploy, operationalize and integrate CyberX into your Operational Technology (OT) and cybersecurity programs.

Operational Technology Security, tailored to your needs

Our offering

You have:

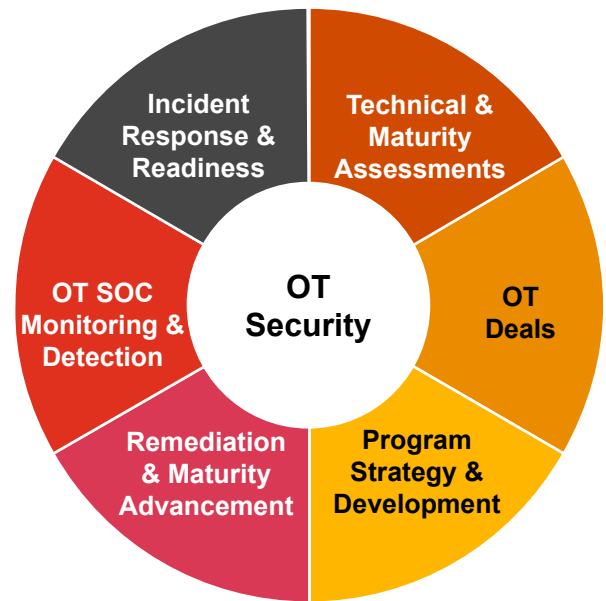
- Limited visibility into your OT environment
- Unknown and unmanaged connected devices
- Unidentified vulnerabilities

You want:

- OT asset management
- OT security monitoring and SIEM integration
- OT network anomaly detection

PwC & Microsoft can:

- Deliver a global capability to enhance visibility across your OT environment
- Provide a rapid proof of concept as well as guidance and project management on complete global deployments
- Integrate the offering with other leading tools to help drive towards your end state goals



Asset Management

- Identify devices communicating on your network
- Categorize assets by criticality
- Integrate with leading Asset Management tools



Anomaly Detection

- Baseline network activity
- Identify anomalous communications
- Dissect OT protocols and alert on OT specific actions such PLC configuration change
- Integrate with leading SIEMs e.g., Microsoft Sentinel



Risk Assessment

- Perform rapid risk assessments to understand how changes in your environment impact your security posture
- Measure progress of remediation efforts through reporting and metrics

Contact us for further information

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