FORESCOUT

7 Qualities Organizations Need from Their OT Security Provider

By 2021, 80% of industrial IoT (IIoT) projects will have OT-specific security requirements, up from 40% today [1]. The diverse and complex nature of IIoT and OT security use cases can make the technology selection difficult. Here are 7 qualities that SRM leaders should look for in an OT security provider.

1. Comprehensive, Real-Time Device Visibility

- Establishes complete asset inventory passively with full device fingerprinting
- Documents network baseline of normal communications
- Monitors configurable policy and behavioral monitoring continuously

2. Support for Both IT and OT Functions

- Detects and alerts on advanced threats from IT adversaries
- Integrates out-of-the-box with all major SIEMs and firewalls
- Extracts event information with open REST API and other text formats

3. Enablement of a Unified IT/OT Cybersecurity Strategy

- Monitors both IT and OT networks from a single screen
- Automates incident response cross-functionally for the entire enterprise
- Reduces security, financial and reputational risk for the entire enterprise

4. Real-Time Threat Detection and Alerts

- Checks for common vulnerabilities & exposures (CVEs), protocol compliance and behavioral anomalies automatically
- Monitors the network continuously and passively for rapid detection and incident response
- Visualizes threats on an interactive map

5. Ability to Transition from Mirror Mode to In-Line Security

- Enables selective, active capabilities for deeper visibility when needed
- Ensures active component should not impact business continuity
- Provides network access control (NAC) for OT environments via ACL and VLAN assignment capabilities

6. Vendor-Agnostic

- Offers extensive IT & OT protocol support
- Utilizes open REST API
- Partners with major ICS vendors, firewalls, and SIEMs

7. Hardware-Agnostic

- Lives on hardware of your choice
- Meets operating environment and lifetime requirements
- Meets industry certifications such as Class I/Division 2 and IEC 61850

Download Gartner's research report to learn more

CLICK HERE TO DOWNLOAD

[1]   7 Questions SRM Leaders Aren't Asking OT Security Providers During Technology Selection, Saniye Alaybeyi, Gartner, 2018,
https://www.forescout.com/gartner-report-7-questions-for-OT-security-providers

Learn more at Forescout.com