

Securing your infrastructure in connected environments.

Factsheet

Operational Technology and Control Systems (OTACS) Security Health Check



In industrial environments – including manufacturing, energy and utilities – cyber threats can endanger your employee and facility safety, brand integrity, and shareholder value. Managing these risks is becoming increasingly important as Operational Technology (OT) enters the hyper-connected world of connected manufacturing and the Internet of Things.

Many organizations struggle to understand their true risk profile due to a lack of asset identification, complex network architecture and geographically dispersed operations. And they're also under continuous pressure to increase site productivity, which can inadvertently compromise security visibility.

Verizon understands these unique OT challenges. Our Operational Technology and Control Systems (OTACS) security team brings a customized, consolidated approach to organizations that have industrial OT requirements or critical infrastructure protection needs.

Why choose Verizon's OTACS team

The Verizon OTACS team focuses on the specific needs of your OT environment, and considers current and future risks as well as anticipated changes to your industry.

Trustworthy and experienced team

We bring in the experts who have that critical understanding of OT in an industrial environment.

A holistic approach

We'll assess people, processes and technology at a site-by-site or enterprise level, based on your requirements. Security is assessed at physical, application and infrastructure levels.

End-to-end view

We deliver a report that will help your team understand risks relative to your industry peers and monitor progress towards future risk mitigation.

Key takeaways

- Evaluate your OTACS security health using industry standards and reasonable best practices, and identify any gaps in your defenses
- Check that people, processes and tools are aligned with your organization's mission objectives
- Design a roadmap for continuous OTACS security improvement at both a site and enterprise level

What you'll receive

Our OTACS Security Health Check provides a comprehensive overall assessment of your operational security. This may include the following areas.

Security risk profile

A customized report is created using a combination of NIST standards and industry-reasonable practices.

IoC (Indicator of Compromise) analysis

Passive network forensic data is assessed against Verizon's IoC database using a deep packet inspection.

Network base traffic analysis

This helps to identify misconfigured devices that may be generating unnecessary bandwidth use in your environment.

Firewall configuration

Anomalies found in firewall rule sets are analyzed and reported.

Vulnerability prioritization

Environment vulnerabilities are identified, prioritized and documented with recommendations for remediation.

Security awareness training

A comprehensive threat landscape report tailored to your company is delivered to onsite stakeholders to increase awareness and support for strategic security initiatives.

Site debrief and reports

Issues are highlighted along with recommended actions. Additional details are discussed and presented in a site debrief prior to our departure. A summary report is also provided.

Why Verizon

With our strong global presence and years of OTACS security experience, our security health checks go beyond traditional assessments. We have security experts around the world speaking up to 51 different languages, and dedicated tools and resources for assessing your OT environment. We don't just identify problems – we deliver actionable solutions.

Our security teams have performed forensic investigations for over 13 years, processed over 61 B security events, and published 11 Data Breach Investigations Reports covering 13 years of data, including 10,000+ confirmed breaches and 290,000+ incidents.

We keep up with the rapidly changing nature of cyber threats by analyzing security events every day at our global network and security operations centers. And for over a decade we've offered our knowledge through thought leadership and industry reports.

But don't just take our word for it. We've been named as a leader in Gartner's Managed Security Services Magic Quadrant six years in a row. We are also positioned as leaders in the 2017 Forrester Wave for Digital Forensics and Incident Response Service Providers, and the 2017 IDC MarketScape for Worldwide Managed Security Services.

Learn more:

For more information, contact your account representative or contact us:

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