

# Forescout and Accenture

Accelerate OT Security Maturity to Help Reduce Risk and Increase Operational Resiliency

**Ransomware attacks can shut down your critical infrastructure, business operations and entire organization for 2+ weeks.**

**What impact would this have on your business?**

From the pneumatic systems of the early 20th Century to today's ongoing convergence of information technology (IT) and operational technology (OT) networks, much of the world's critical infrastructure becomes more vulnerable to cyberattacks and shutdowns with every passing day. For companies in manufacturing, healthcare, energy, utilities, defense and other economic sectors that depend on industrial control systems, an attack from a criminal enterprise, a rogue nation-state or a single careless or malicious employee can put lives and livelihoods at risk.

## Transform OT Cybersecurity with an Innovative Approach

Conventional cybersecurity technologies and methodologies usually protect against known threats or rely on endpoint agents that can impact process control applications. Knowing all threats in advance or hosting agents on all devices is just not possible, particularly in OT environments. Breaches are a matter of when, not if. Advanced, proactive security measures are needed to secure these environments. At a minimum, organizations must gain visibility of their networks to identify devices with vulnerabilities and detect anomalous activities in real time. Approaches for increasing information sharing across systems are important, too, as well as implementing solutions that can make workflows more efficient when it comes to threat mitigation and remediation. OT security sensors must also provide dynamic and contextually aware data in a manner that does not disrupt critical operations.

**By 2025, 75% of OT security solutions will be interoperable with IT security solutions and delivered via multifunction platforms.<sup>1</sup>**

GARTNER

**In 2019, 56% of utility companies reported that they suffered one or more shutdowns or losses of operational data per year.<sup>2</sup>**

To effectively help reduce risk, cybersecurity solutions should be able to:

- Accurately and continuously discover, inventory, assess and refine asset risk profiles for all connected devices across IT and OT networks without dependency on endpoint agents
- Immediately capture, prioritize and respond to device vulnerabilities, configuration changes and anomalous behavior associated with known and unknown threats
- Integrate security systems and enable automation and orchestration using context-aware workflows to close security gaps, enforce compliance and increase operational resiliency
- Dynamically control network access and enforce segmentation to minimize attack surfaces

## Why Forescout and Accenture? Global Experience, Advanced Capabilities and Continuous Innovation

Forescout provides the technological cybersecurity foundation that enables organizations to achieve the critical risk reduction capabilities listed above. Forescout actively defends the Enterprise of Things at scale by continuously identifying, segmenting and enforcing compliance of every connected device across OT and IT networks. Forescout also provides comprehensive OT asset insight, threat and anomaly detection and other valuable intelligence to reduce operational and security risks.

Accenture is collaborating with Forescout to deliver effective and efficient cybersecurity solutions based on a solid, scalable foundation. With a global team of more than 8,500 skilled security professionals, 20-plus years of experience, more than 350 patents, and worldwide managed security services capabilities, Accenture is the go-to provider for leading-edge cybersecurity program implementation and sustainment. Accenture offers one of the largest global security teams, a leading digital technology and security ecosystem and Cyber Fusion Centers to develop and demonstrate solutions with unmatched expertise in cloud and digital transformation. Accenture's exceptional OT security and Forescout-certified professionals, methodologies and accelerators, coupled with ongoing Forescout collaboration activities, make for an industry-leading combination.

### ABOUT ACCENTURE SECURITY

**Accenture** is a leading provider of end-to-end cybersecurity services, including advanced cyber defense, applied cybersecurity solutions and managed security operations. We bring security innovation, coupled with global scale and a worldwide delivery capability through our network of Advanced Technology and Intelligent Operations centers. Helped by our team of highly skilled professionals, we enable clients to innovate safely, build cyber resilience and grow with confidence. Follow us @Accenture on Twitter or visit us at [www.accenture.com/security](http://www.accenture.com/security).

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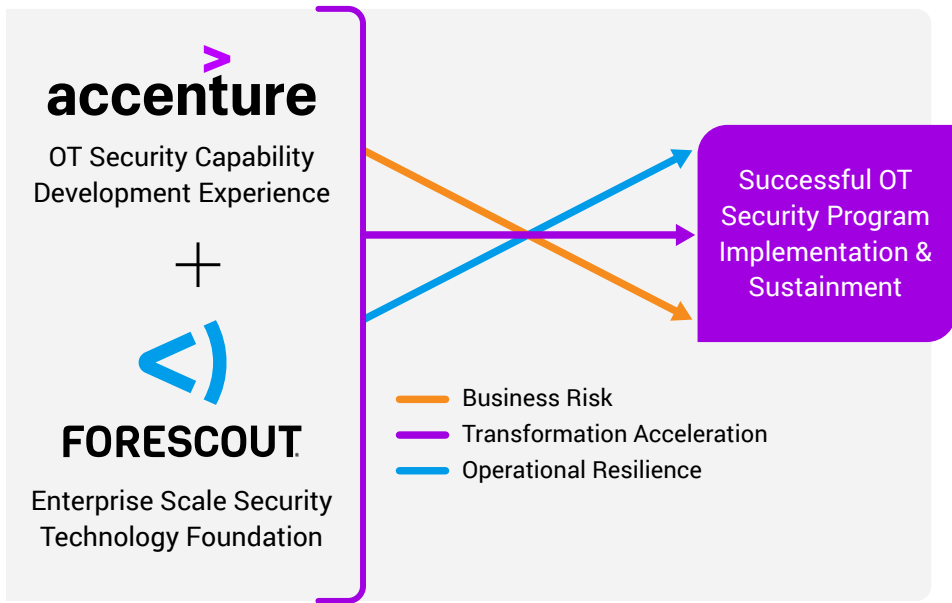
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Together, we help organizations rapidly achieve optimal levels of OT security capability maturity that proactively defend against and remediate cyberthreats, close security gaps, streamline compliance, and increase operational efficiency and uptime for critical operations.

## Accenture OT Security Engagements – Start Anywhere in Your Program Implementation

Engagement	Description	Client Outcome Examples
<b>CISO Academy OT Workshop</b>	Workshop for next gen CISOs and OT domain Group Leaders responsible for OT security at the start of their role to develop their 100-day plan and personal brand to lead to differentiated outcomes.	CISO at an <b>Oil &amp; Gas</b> client participated in an interactive workshop to identify organizational strategies, security capabilities, maturity levels & gaps that affect OT operations to identify key relationships and capabilities to build.
<b>OT Security Assessments</b>	Ranging from technology comparisons to performing on-site technical discovery for determining security control gaps and vulnerabilities, as well as quantifying risk impacts to prioritize remediation.	<b>Chemical client</b> was provided with a global dashboard of OT cyber risks and security control gaps across dozens of global manufacturing plants, in addition to a go-forward strategy to help reduce risks.
<b>Deploy Programs</b>	Remediation projects targeting identified OT security risks and vulnerabilities using prioritized quick wins and OT security risk reduction accelerators, playbooks and runbooks across a set of pilot sites.	<b>Pharmaceutical client</b> was provided with playbooks and runbook to more effectively implement use cases for their OT security operations team to detect and respond to alerts and incidents.
<b>Scale Programs</b>	Increase the scale and velocity of remediation projects and systems integration across numerous sites with knowledge transfer to client staff.	<b>Electric utility</b> was provided with technical and operational methodologies and approaches to deploy a stack of OT security technologies across hundreds of transmission and distribution sites.
<b>Mature Programs</b>	Ongoing OT SOC integrations and orchestration, threat hunting, incident response, governance and operations leveraging Managed Security Services.	<b>Transportation client</b> was provided with a management and technical approach for how to implement and execute OT security orchestration and threat hunting in their security operations center.

Accenture designs, integrates and operates security operations centers (SOCs) and provides advanced OT security threat hunting and incident response services. Our experience performing numerous global OT security technology deployments helps us inform and guide organizations in defining, deploying and sustaining effective OT security programs. In collaboration with Forescout, Accenture accelerates and optimizes the process of managing and continually mitigating OT security business risks while increasing operational resilience.



**ABOUT FORESCOUT**

**Forescout** is the leader in Enterprise of Things security, offering a holistic platform that continuously identifies, segments and enforces compliance of every connected thing across any heterogeneous network. The Forescout platform is the most widely deployed, scalable, enterprise-class solution for agentless device visibility and control. It deploys quickly on your existing infrastructure – without requiring agents, upgrades or 802.1X authentication. Fortune 1000 companies and government organizations trust Forescout to reduce the risk of business disruption from security incidents or breaches, ensure and demonstrate security compliance and increase security operations productivity.

To Learn more:

- [www.forescout.com](http://www.forescout.com)
- [www.accenture.com/us-en/service-industrial-control-system-cybersecurity](http://www.accenture.com/us-en/service-industrial-control-system-cybersecurity)

- Gartner Market Guide for Operational Technology Security, January 13, 2021
- <https://assets.new.siemens.com/siemens/assets/api/uuid:35089d45-e1c2-4b8b-b4e9-7ce8cae81eaa/version:1572434569/siemens-cybersecurity.pdf>

Don't just see it.  
Secure it.™

Contact us today to actively defend your Enterprise of Things.

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