



# Operational Technology (OT) Cybersecurity Services

Protecting Industrial Assets,  
Powering Business Success

Deloitte's OT Cybersecurity services can help you elevate security for your digital and physical assets, defend the enterprise from end to end, and support your ability to innovate with confidence. Learn how Deloitte's worldwide team of specialists can help you orchestrate a comprehensive OT cybersecurity transformation and increase business resilience—with quality, consistency, and speed.

## The challenge

**The line between digital and physical systems continues to blur.** As organizations integrate information technology (IT) with operational technology (OT), they face emerging cyber vulnerabilities that can threaten systems, disrupt operations, and endanger lives and assets. Traditionally isolated OT systems are now exposed to new risks due to rapid digitalization, forcing manufacturers and industrial organizations to navigate increased complexity. At the same time, they must address evolving cyber threats, regulatory and compliance requirements, cost concerns, and talent shortages—while standardizing security measures and managing transformation timelines.



## Deloitte services for elevating OT cybersecurity and cyber resilience

### End-to-end capabilities for fast-forwarding transformation

#### Business-focused

Providing services from strategy to implementation to ongoing operations, Deloitte can serve as a total guide for transformation—helping you rapidly create future-proof solutions that allows you to securely introduce emerging technologies and continue to digitalize your business.

#### Strategically aligned

As part of the journey, we help you understand your risk exposure (including compliance risk) while working to enhance the management, inventory, and visibility of your OT assets. It's about more than elevating awareness of cyber risk across your OT systems. It's about creating a plan to address those risks—and then managing all the relationships, technologies, and processes to bring that plan to life.

#### Innovation-driven

To help you jumpstart transformation, we leverage innovative assets like Deloitte's Factory Accelerated Security Transformation (FAST)—a proven combination of technology and implementation approach that is designed to rapidly improve cybersecurity and fortify infrastructure within OT environments.

### Core OT Cybersecurity Services

#### Strategy

Comprehensive OT Assessments

Benchmarking Services

OT Governance, Asset Management,  
and Supply Chain Security

Strategy, Governance,  
and Program Management

OT Red Teaming and Penetration Testing

OT Cybersecurity Training and Simulations

Proactive OT Threat Intelligence,  
Management, and Detection

#### Implementation

Product Integrity, Architecture Design,  
and Compliance

OT Security Engineering Services

OT Identity and Access Management (IAM)

Implementation of Security Technologies

OT System Hardening, Remote Access, and  
Vulnerability Management

#### Ongoing Operations

Managed Extended Detection and  
Response by Deloitte for OT  
(MXDR-OT)

24x7 OT Security Operations Center  
(SOC), Incident Response, and Recovery  
Planning

\* Managed Extended Detection & Response (MXDR) by Deloitte is a managed service offering that operates 24x7x365 cyber threat hunting, detection, response, and remediation capabilities. Because detect and respond tooling is typically installed across the entire IT/OT environment, MXDR can be used to obtain data on the attack surface (e.g., vulnerabilities).

# A closer look: The FAST Advantage

Deloitte's Factory Accelerated Security Transformation (FAST) is a proven combination of technology and implementation designed to rapidly improve cybersecurity and fortify infrastructure within OT environments.

## The solution

- Incorporates Deloitte's extensive industry-specific experience
- Leverages cloud capabilities to enhance security and operational resilience
- Helps you avoid unnecessary learning curves while increasing speed-to-value

## Impact

- Facilitates a broad understanding of the entire risk lifecycle to enable transparency and control, helping you to stay ahead of potential threats
- Accelerates implementation 2-3 times faster than traditional programs, significantly reducing the time from project inception to implementation
- Provides continuous support for sustained risk management and operational resilience

## Focusing on bottom-line benefits

Move rapidly to transform your organization, position your business for the future, and realize a number of potential benefits.



**Reduce** risk while increasing the safety and reliability of your OT and IT environment



**Protect** human lives and the environment by enhancing the security of physical assets



**Minimize** disruptions and consistently deliver on customer expectations to protect your brand reputation and bolster trust



**Boost** compliance, reduce the potential for fines, and strengthen the opportunity for incentives



**Allow** your workforce to focus more on innovation and key business goals rather than dealing with OT disruptions



**Operate** your business more efficiently and cost-effectively



**Increase** confidence among stakeholders by building a more resilient business

## The Deloitte difference

### GLOBAL EXPERIENCE + CREATIVE PROBLEM-SOLVING

Our core worldwide team of 1,500 OT cybersecurity specialists in key operational and manufacturing regions worldwide can provide advisory, implementation, and operational services with a local presence to navigate regional nuances, relationships, and regulations.

### INNOVATIVE TOOLS + TESTED METHODOLOGIES

We bring you leading tools and accelerators, playbooks, and methodologies tailored to your industry, your specific IT/OT solutions, and your priorities. These assets are all aligned with one another to help ensure a rapid, consistent, and high-quality transformation.

### UNDERSTANDING YOUR BUSINESS + MAKING THE CONNECTIONS

Our specialists bring hands-on experience across industries where operations are critical—such as energy, manufacturing, food and beverage, and smart cities—with deep knowledge in both OT and IT. This enables us to understand your challenges and bridge the gap between IT and OT teams, helping decision-makers align on priorities and solutions.

### RELEVANT SKILLS + SPECIALTIES

Across OT and IT, our team includes ethical hackers, network engineers, cyber strategists, and specialists in cloud, AI, infrastructure, manufacturing, supply chain, and more. This broad multidisciplinary talent is skilled in the areas most critical to transforming OT cybersecurity—a level of expertise that's hard to find elsewhere.

### FOCUS ON BUSINESS OUTCOMES

Our business-first, outcomes-based focus puts value at the center of everything—and helps us bridge the technology-business gap. We can also help you make the business case for OT cybersecurity transformation and explore innovative funding models.

### COMPREHENSIVE RELATIONSHIPS

Our competencies and extensive vendor relationships means we bring the know-how you need. Our vendor alliances range from major cloud providers to industrial control systems makers to niche software solutions. And Deloitte specialists are trained across multiple vendor portfolios—to support swift service, cutting-edge innovation, and visibility into risks that can arise when multiple solutions intersect.

## Industry Recognition



**Ranked No. 1 in Security Services Worldwide by revenue** in Gartner® Market Share Report, 2024.<sup>1</sup>



Named a **leader in Worldwide Cybersecurity Incident Response Services** by IDC MarketScape<sup>2</sup>



Named a **leader in Worldwide Managed Detection and Response Services** by IDC MarketScape<sup>3</sup>

## Take the next step to become more resilient

To learn more, visit [www.deloitte.com/otcybersecurity](https://www.deloitte.com/otcybersecurity) or contact our team today.



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### Endnotes

1. Gartner, Market Share: Security Services, Worldwide, 2024, By Rahul Yadav, Shailendra Upadhyay, Akshita Joshi, Tarun Rohilla, Bryan Haley, 25 April 2025. Gartner is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.
2. IDC MarketScape: Worldwide Incident Response Services 2025 Vendor Assessment, by Craig Robinson and Scott Tiazkun, August 2025, IDC #US52036825
3. IDC MarketScape: Worldwide Managed Detection and Response (MDR) Services 2024 Vendor Assessment by Craig Robinson, April 2024, IDC #US49006922e

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