



Operational Technology Security

Safeguarding critical infrastructure with comprehensive OT security solutions to ensure safety, compliance, and operational continuity



Kroll Operational Technology Security

The Convergence of OT and IT Systems Brings Complex Risks for Organizations

As Operational Technology (OT) systems become increasingly interconnected with the IT enterprise and cloud systems, Operational Technology (OT) Security and Risk Management becomes essential for addressing key challenges such as:

- **Aging Infrastructure Vulnerabilities:** Traditionally isolated OT systems often lack built-in security and are now vulnerable to cyberattacks impacting safety, environmental concerns and disruption to operations
- **Compliance Pressures:** Meeting OT-specific regulatory requirements such as TSA Security Directive, NERC CIP, NIS2 and standards such as ISA/IEC 62443 and NIST CSF
- **Evolving Threat Landscape:** Targeted attacks on OT infrastructure have increased with almost 70% of industrial organizations having experienced a cyberattack in the past year¹

End-to-End OT Security Services to Safeguard your Critical Infrastructure

Kroll's OT Security Services provide end-to-end protection for critical systems through identifying vulnerabilities and assessing risks to implementing tailored security measures and ensuring compliance.

Our expertise helps organizations safeguard operations, reduce downtime, and maintain resilience in an evolving threat landscape.

Key Benefits

Enhanced Operational Resilience:

Protect critical systems from disruptions with robust defenses, proactive assessments, and incident response strategies

Regulatory Compliance Assurance:

Align OT environments with industry standards and regulations, minimizing legal risks and ensuring operational credibility

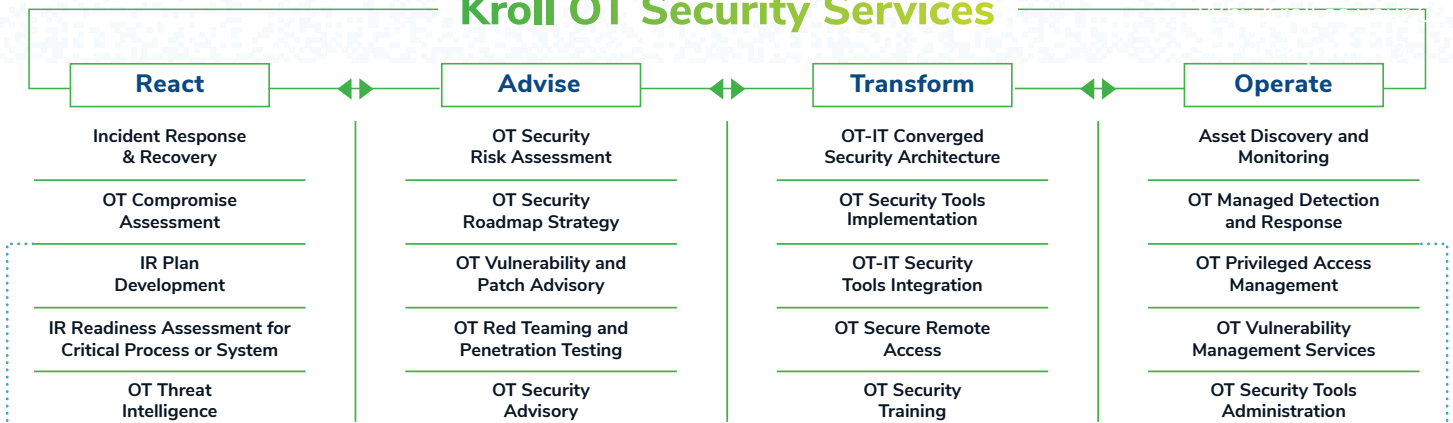
Streamlined OT Risk Governance:

Simplify the rollout of documented OT security policies, procedures and control frameworks, improving security while optimizing resources

Continuous Threat Monitoring:

Detect and address emerging threats in real-time, maintaining safety and performance across all systems

Kroll OT Security Services



Kroll Risk Intelligence

Frontline intelligence from thousands of IR, regulatory response, financial crime, and M&A due diligence engagements a year

¹ Palo Alto Networks: The state of OT security: a comprehensive guide to trends, risks, & cyber resilience.

..... Typical Questions and Challenges We Address

What vulnerabilities and risks exist in our OT environment?

We can provide a gap analysis of your current posture and controls, focusing on probable threats and vulnerabilities, as well as potential consequences to your operations along with a roadmap of detailed remediation actions.

Which cyber threats targeting our sector should I be worried about?

As the world's largest IR provider, we leverage our exposure to thousands of incidents a year to provide you with actionable OT-specific threat intelligence targeting your specific sector.

What policies and procedures should we put in place?

Our consultants can map your current program against best practice standards such as ISA/IEC 62443 and NIST 800-82 to create a governance framework with updated policies, procedures, roles and responsibilities and stakeholder engagement.

How do we respond to an attack on our critical infrastructure?

Our IR experts can assess your current IR program and readiness as it related to your OT/IOT environment, build threat-focused IR playbooks and run tabletop exercises to test decision-making and prioritize optimized IR plans.

How prepared are we for an OT-related attack?

Our offensive security team leverage intelligence from our exposure to IR engagements and knowledge of adversarial techniques to simulate real-world attacks and identify critical weaknesses.

Can you detect and respond to threats in our IT/OT environment?

We have the tools, SOC experts and resources to deploy the right security appliances for your OT environment and provide 24x7 threat monitoring and incident response to safeguard operations and maintain asset resilience.

Why Kroll as your OT Security Services partner?

From cyber risk assessments and physical risk assessments to incident response and managed detection and response, Kroll provides end-to-end services for the critical infrastructure industry

Our assessments leverage best practice frameworks such as IEC62443, NIST and ENISA to provide a tailored analysis of your program and recommend the most appropriate controls

Highly skilled experts with OT Security-specific certifications such as ISA62443, GIAC GISP and GIAC GRID

Expertise and alliances with leading OT security technology vendors to evaluate, deploy and manage the best solution for your unique environment

..... Technology Agnostic

Phosphorus[®]

NOZOMI NETWORKS

tenable[®]

Cyolo

Microsoft

CROWDSTRIKE

FORTINET[®]

Case study - Comprehensive OT security assessment for a natural gas distribution company

The Challenge

- Needed to evaluate its risk profile, identify vulnerabilities, and strengthen the security of critical operations.
- The objective was to ensure the resilience of the OT environment and protect against potential cyber threats.

The Solution

Kroll conducted a comprehensive OT security risk assessment across multiple OT systems and supplemented with attack, simulations relevant to their unique threat profile.

Key components of the service included:

- External and internal penetration tests
- IT-OT segmentation analysis
- OT network assessments
- Supplier access evaluations
- Evaluation of physical security controls

Key Results/Outcomes

- The assessment revealed critical vulnerabilities, including weak access controls and privilege escalation risks, that could compromise operations.
- Kroll provided actionable guidance that sped up the implementation of enhanced access controls, segmentation, and policy alignment to strengthen security and mitigate risks.

Trusted Leader in Cyber and Data Resilience

World's largest IR provider with **1000+** IR cases a year

Preferred vendor for **85+** insurance carriers

Experience from **Govt. & Law Enforcement, Industry & Consulting** backgrounds



700+ experts across 19 countries

100+ certifications



Expertise in **AI, Crypto, Cloud, Data Analytics, Web 3.0 security and data risk**

700k+ actively monitored endpoints

Rated as **industry leaders**

FORRESTER Gartner



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About Kroll

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