

Operational Technology Security

The challenge

Operational Technology (OT) Security is the protection of industrial control systems (ICS) and other infrastructures used in manufacturing, logistics, transport, the energy sector and other areas. Its aim is to protect the security, reliability and availability of systems that are essential for the functioning of a modern industrial infrastructure.

Implementing OT security faces several challenges, including the growing number of machines and systems that require adherence to current security standards and industry-specific regulatory requirements such as IEC62443 or NIST2. The assurance of availability is crucial, as system or production line failures can lead to significant productivity losses. However, many systems are outdated and vulnerable to attacks, and support from manufacturers and system integrators is limited. Additionally, not all necessary security measures can be directly applied, as this could compromise its functionality or existing embedded security features. Furthermore, implementing security solutions must be well-planned, as the time windows for implementation are very limited.

Despite the increasing convergence of IT and OT systems, traditional tools from IT cannot always be used. Heterogeneity, in terms of age and function, plays a significant role, as do the physical requirements of OT components in production environments.

Service overview

Our 20 years of experience delivering OT security has enabled us to develop extensive professional services skills and deep technology sourcing expertise with all the leading OT security vendors.

As a result, we now offer wide-ranging OT security services that harden production environments with state-of-the-art solutions for patch management, virus defence and network segmentation. We also enable continuous monitoring of processes, devices and alerts to identify malicious activity targeted at OT assets or production environments, and we implement reliable remote and third party access to OT assets that is compliant with true zero-trust principles.

Service summary

OT monitoring and response	OT Monitoring, OT SIEM and Incident Response
OT hardening	Security Guidelines Consultancy, Security Maturity Assessment, End Device Hardening and Network Hardening
OT zero trust access	Zero Trust Network Access

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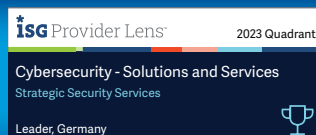
Service detail

Service offerings	OT monitoring	OT SIEM	Incident response	Security guidelines	Security assessments	End device hardening	Network hardening	OT Zero trust access
Consulting and advisory services	✓	✓	✓	✓	✓	✓	✓	✓
Implementation, design and architecture	✓	✓				✓	✓	✓
Optimisation of processes and operational delivery			✓	✓	✓			
PoC and PoV services	✓	✓				✓	✓	✓
Rollout and implementation	✓	✓		✓		✓	✓	✓
Vendor and market assessment	✓	✓				✓	✓	✓
Maturity assessment and gap analysis			✓	✓	✓			

Technology sourcing partners



Analyst recognition



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