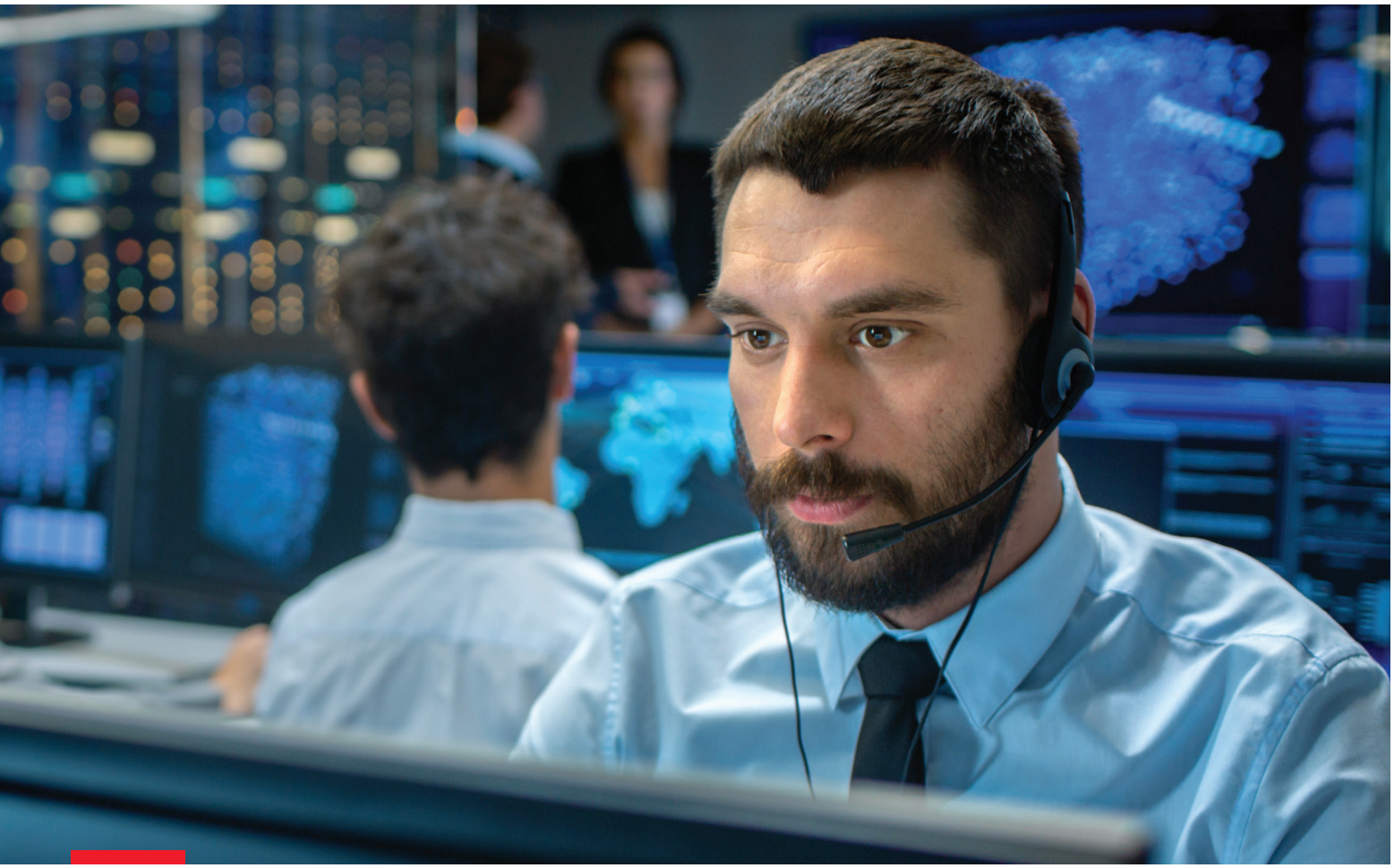


ABB Ability™ Cyber Security Event Monitoring

Gain unique insights into industrial security events

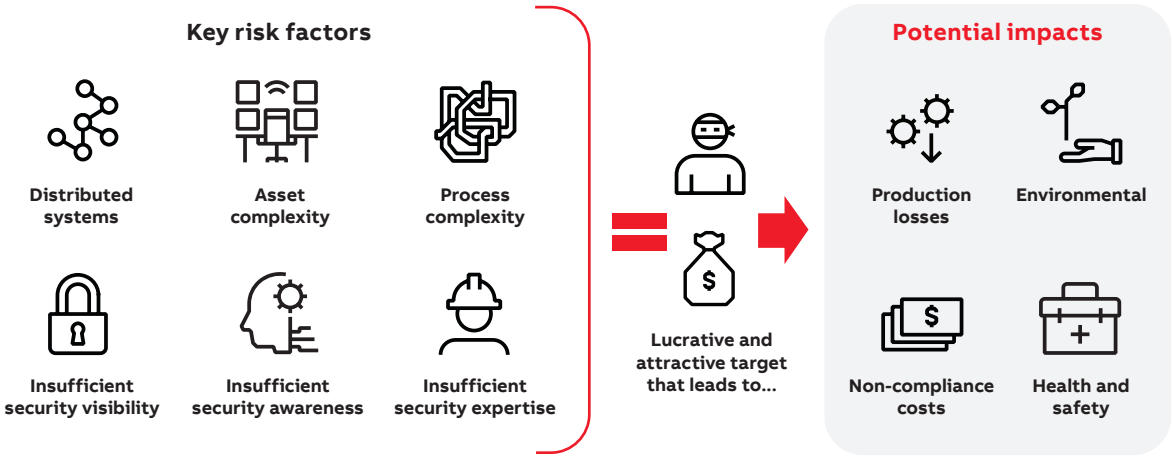
Industry 4.0 has the potential to transform your productivity, minimize your costs, and enhance your product quality.

Digitally connecting your assets and control systems helps to optimize your process performance and drive customer value. ABB helps you gain these benefits without compromising cyber security.

Industry 4.0 success depends on Industry 4.0 security.

Industrial systems face elevated cyber security risks

Embrace digital transformation for your organizations without compromising cyber security. **Connectivity across OT (Operational Technology) / IT (Information Technology) increases the amount of vulnerabilities that can be exploited by cyber attackers.** Cyber attacks against process facilities are becoming more sophisticated—and costly. In fact, **60% of surveyed organizations**[1] experienced a breach in their industrial control systems (ICS) or supervisory control and data-acquisition systems (SCADA). Actively managing cyber security is crucial to addressing cyber security risk and reducing potential impact.



Key considerations when protecting your OT environment
To protect your OT environment, a cyber security solution should meet as many of these criteria as possible:

1 Comprehensive
Provides visibility of your entire OT environment to detect threats, and helps your security team accurately respond to attackers.

2 Automated
Eliminates manual log collection and investigation to speed up response to security incidents.

3 Compliant
Supports international requirements such as IEC62443 and ISO27001 to streamline compliance.

4 Proven
Implemented by an organization with demonstrated domain expertise in deploying and maintaining industrial automation systems and deep experience protecting OT environments.

[1] McKinsey

ABB Ability™ Cyber Security Event Monitoring
People, process, and technology

ABB Ability™ Cyber Security Event Monitoring Service is the first to bring event monitoring to the industrial space, enabling your organization to focus on providing value to your end customer.

This unique solution leverages established IT technology and processes and applies them to the industrial space to expose potentially malicious activity. Our OT solution package in combination with IT technology solves many challenges posed by industrial systems that can't be solved with IT technology alone.

How it works
ABB Ability™ Cyber Security Event Monitoring has two distinct solution packages: people & process, and technology.

Technology: ABBs proprietary technology collects events from OT and IT systems and devices in the production system and forwards them to the Security Information & Event Manager (SIEM), where they are analyzed using ABBs unique set of use-cases specifically developed for Industrial Control Systems (ICS).

People & process: ABBs industrial cyber experts deploy the required technology, monitor the system and respond to malicious activity. Our runbooks enable our incident response teams to promptly and effectively address identified threats.

Three steps to protecting your OT networks

1 Collect

Collect log data from industrial systems and devices without impacting production.

2 Detect

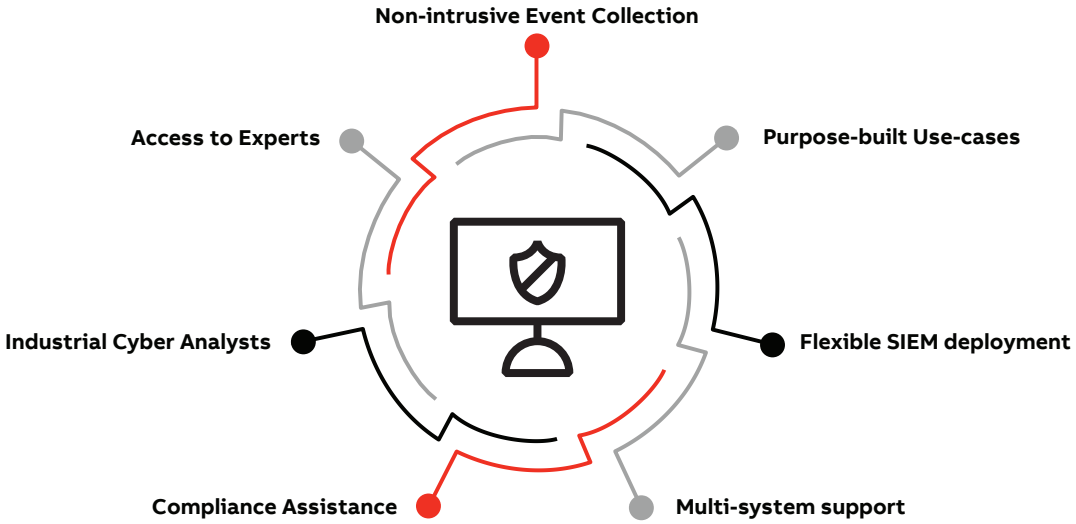
Accurately detect cyber threats using purpose-built OT use-cases.

3 Respond

Leverage ABBs industrial cyber experts to quickly respond to detected threats.

Features

ABB Ability™ Cyber Security Event Monitoring enables your security team to more effectively detect, prioritize and respond to threats across your OT network. In turn, mitigating the impact of security incidents significantly.



Opportunity for customers with an existing IT event monitoring solution

Before ABB
My team has to manually retrieve and investigate logs from various sources. This is a long, tedious process that:
- delays detection
- often fails to detect a cyber threat
- misuses resources by investigating unimportant or low criticality events

We have an SIEM solution that monitors our IT environment and need the same protection for our OT environment.

With ABB
ABB Ability™ Event Monitoring gave my security team visibility into our entire OT environment. We spend less time performing manual monitoring tasks, detect threats sooner, and with the time we previously spent on manual tasks, we can now focus on innovating our processes and providing value to our end customers.

Amanda, VP of IT

Benefits

For industrial operations looking to have visibility into their entire OT network, ABB Ability™ Cyber Security Event Monitoring provides a solution that exposes malicious activity.

ABB Ability™ Cyber Security Event Monitoring

Meet compliance
Your security team quickly meets internal and external compliance requirements reducing risk of failing to meet regulations.

Provides insight
Your security team gains valuable insight into OT systems and networks, enabling them to detect and prioritize threats across multiple systems and sites.

Quick response
ABBs Industrial Cyber Experts, spread across the world, ensures quick and professional response to detected threats.

Flexible solution
Developed to integrate with your existing setup and strategy.

Opportunity for customers without an IT event monitoring solution

Before ABB
My OT systems are at constant risk of cyber attacks. I have a process that needs 24x7 monitoring with quick response times, but I lack the resources to manage and monitor my OT environment myself.

And, I don't have an SIEM solution. I am looking to improve our OT cyber security, and need ABB's expertise and resources to handle security-relevant events and threats.

With ABB
ABB monitors and manages my OT environment with a mixture of people and technology. They deliver quick detection, classification, investigation, and response to alerts. Plus, ABB provides detailed reports, including alert analysis, improvement suggestions, and ROI.

Fred, Plant Manager

Two flexible ways to deploy

ABB Ability™ Cyber Security Event Monitoring can be deployed in one of two flexible ways, each one depending on your strategy.

If you have IT monitoring...

You maximize the value of your investment by protecting your OT environment using your current setup.

ABB provides Collect & Correlate package

- ABB technology that enables safe and secure collection of events from your ABB OT systems
- ABB OT Use Cases
- Support
- Bring your own IBM Security™ QRadar® SIEM

If you do not have any monitoring solution...

Leverage ABBs personnel and experience to start to monitor your OT systems for threats.

ABB provides Monitor & Respond package

In addition to the features of Collect and Correlate, Monitor & Respond adds:

- 24x7 Monitoring using IBM Security™ QRadar® SIEM deployed in a cloud or on-premise
- Incident Response

Services packages tailored to your needs

	Collect & Correlate	Monitor & Respond
ABB Event Collection Technology	✓	✓
ABB OT Use Cases	✓	✓
Support	✓	✓
Bring your own IBM Security™ QRadar® SIEM	✓	o
IBM Security™ QRadar® SIEM (cloud or on-premise)[1]	o	✓
Event Monitoring (24x7)	-	✓
Response Retainer	o	✓
Incident Response	o	✓

[1] Professional installation included

✓ = included o = optional - = not included

Why ABB

ABB delivers superior technology and proven domain expertise

People

ABB pioneered the development of electrical and automation technologies and has **years of experience helping customers protect control systems** and other automation assets.

Process

ABB's control systems are present globally across many industries. **We know the type of cyber threats our customers face and what needs to be done to mitigate risks.** We stay ahead of threats by investing heavily in research and development to continuously improve our security offerings.

Technology

ABB can support our customers throughout the lifecycle of their assets through our products, services and expert operations by making technology relevant to customers in industrial sector

ABB
Operating in more than 100 countries.

www.abb.com/cybersecurity

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