ABB Ability™ Cyber Security Workplace

Simplify your security by consolidating tools, automating risk detection, and remediating risks sooner.

Cyber attacks against industrial plants are growing in frequency, level of sophistication, and degree of harm inflicted.

Today's advanced threats need advanced cyber security solutions designed for industrial users protecting your systems without compromising reliability.
Staying ahead of cyber criminals and keeping your production secure requires a new simplified approach to managing foundational security.

Recipe for (Industrial) Disaster

The situation of this industrial plant is typical. Thousands of distributed assets. Multiple control loops. Hundreds of controllers. And next to **no cyber security.**

They notice a rise in cyber attacks against other industrial plants in their industry. They figure an attack on their production facility isn't just a question of if but when. But they aren't sure how to implement suitable security measures or what they must do to maintain them.

So, the company purchases and implements multiple disconnected security software solutions.

Because these solutions are manufactured by multiple competing vendors, they are all different. They operate in silos. Managing each platform independently is complicated, cumbersome, costly, and time consuming. Team members soon view security as more hassle than benefit. So, they neglect it.

The predictable result? The plant gets hacked. Cyber attackers penetrate their IT and OT networks and cause catastrophic damage. The plant must shut down for weeks. The company loses millions of dollars in lost productivity. They face significant regulatory fines. Their brand reputation suffers.

This breach was a direct result of this industrial company's
• misunderstanding of cyber risk
• lack of visibility into their security controls
• limited time to maintain their security controls

What this company needs is a way to simplify their security by consolidating tools, automating risk detection, and remediating risks sooner.
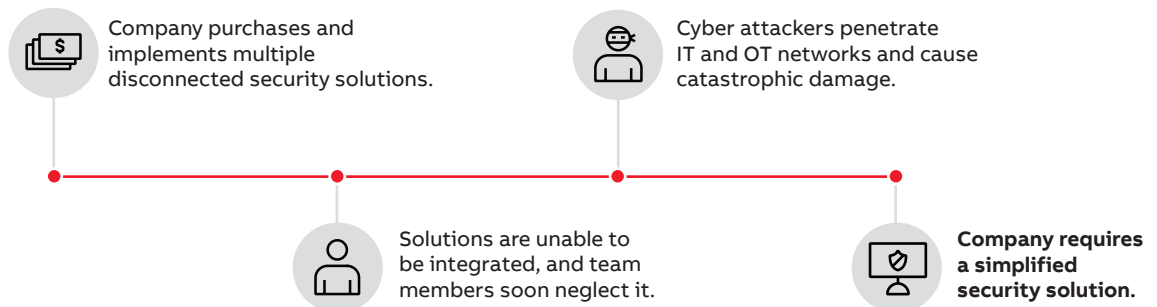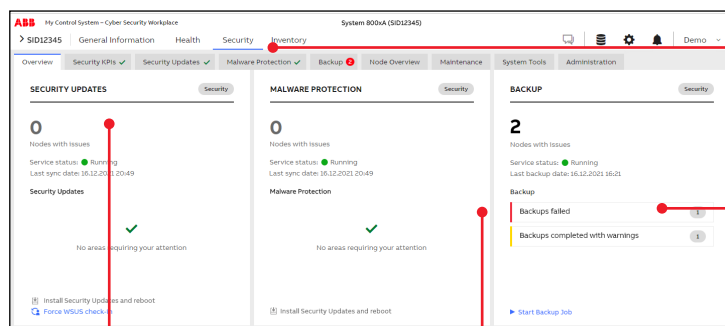
A typical sequence of events

Company purchases and implements multiple disconnected security solutions.

Cyber attackers penetrate IT and OT networks and cause catastrophic damage.

Solutions are unable to be integrated, and team members soon neglect it.

Company requires a simplified security solution.

ABB Ability™ Cyber Security Workplace

ABB Ability™ Cyber Security Workplace automates security insights and defense. It gives security teams complete visibility of their security controls by providing a consolidated view of all security controls in a simple and intuitive user interface.

ABB Ability™ Cyber Security Workplace collects security-relevant data from ABB and third-party cyber security solutions and forwards it into a consolidated native application. Operators can

seamlessly monitor the status of their security controls, perform maintenance activities to increase resiliency, and receive alerts with actionable insights to remediate threats and reduce risks.

ABB Ability™ Cyber Security Workplace makes it easy to cost-effectively reduce 80-90% of risk of cyber security threats to production.

• Designed to **scale with your security program** so you benefit from advanced controls without the lengthy learning curve

• **Stoplight-like KPIs** provide early detection of increased risk

• **Simple and intuitive user interface** built for any and everyone

• **Flexible & customizable design** you fine-tune to fit your workflow

Solve your top security challanges
Simplify your security. Consolidate your security tools. Automate risk detection.

Reduce expertise required to maintain controls with integrated risk intelligence

• Stoplight-like KPIs make it easy to understand both if an issue is present, and its severity.

• Risk root cause analysis with remediation procedures enable easy identification of issues and the steps required to fix them.

Lower costs by consolidating tools and improving security operations efficiency

• All controls are in one place, reducing the labor costs required to maintain them.

• Step-by-step guides reduce the time needed to remediate issues and maintain controls, further reducing operating costs.

ABB Ability™ Cyber Security Workplace

Increase cyber resilience by cutting mean time to risk recognition and response

• Reduces the amount of time that cyber risks are present in the production environment by consolidating all alerts in one console.

• Receive actionable insights so operators remediate risks sooner without the need for external expertise.

**Avoid unplanned downtime with automated risk detection and remediation expertise**

• Consolidates all security controls into one view so workers don't have to access multiple applications to monitor security status or perform maintenance tasks.

• Identifies the specific error, reason for the error, and corrective action required, so operators don't have to perform triage themselves, saving time and effort.

How it provides complete visibility
ABB Ability™ Cyber Security Workplace

Security Controls Status Dashboard

At the core of ABB Ability™ Cyber Security Workplace is a single dashboard that monitors your security controls, notifies you of increased risks, and guides you to steps required to protect your people, assets and processes.
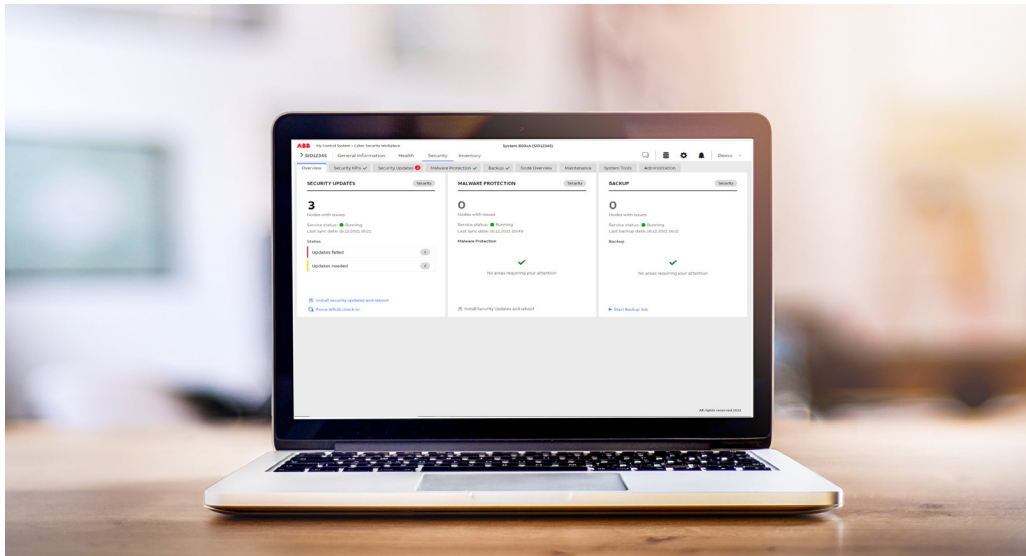
Security Update management

ABB Ability™ Cyber Security Workplace monitors the status of your security patches 24x7 so that you install patches to known exploits as quickly as they become available. You determine if security updates succeeded, identify which systems are missing updates, and learn when a system reboot is required.

Malware protection management

To protect your production environment against non-targeted threats, ABB Ability™ Cyber Security Workplace monitors the status of your malware protection 24x7. It warns you immediately when your antimalware blocklist update was unsuccessful so that you can quickly correct the issue. It also identifies when antimalware software is missing from your systems.

Backup & recovery management

ABB Ability™ Cyber Security Workplace monitors the status of backups from one console to ensure that you always have adequate backups to quickly restore to a known good state. This can mean the difference between recovering production in hours instead of days or weeks.
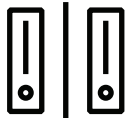
How it expands security
ABB Ability™ Cyber Security Workplace

Alarms & reporting

ABB Ability™ Cyber Security Workplace features security notifications that alert you immediately when your systems are exposed to known vulnerabilities. User-configurable reports help you track security status automatically.

Network isolation

ABB Ability™ Cyber Security Workplace gives you the power to isolate your OT and IT environments. You protect your OT networks from IT network intrusions and external actors trying to perform actions from outside your network. You identify critical systems and assets to isolate so that they cannot harm assets, people, or the environment.

Remote access user management

Remote access is a luxury and a liability. ABB Ability™ Cyber Security Workplace reduces the risks associated with remote access by managing user accounts and authentication, notifying you immediately when someone remotely accesses your systems, letting you activate and terminate remote sessions at will, and auditing your history of remote maintenance tasks performed.

Contact ABB

Help is just a few clicks away with Contact ABB, the built-in, streamlined support process that reduces the number of steps and time required to get the support you need. All the information you require to submit a ticket or inform the ABB hotline is easily found right inside ABB Ability™ Cyber Security Workplace. You have just one source of information that lets you quickly address technical issues and troubleshoot problems.

Why ABB

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.
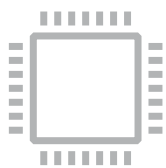
Technology

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.

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ABB
Operating in more than 100 countries

www.abb.com/cybersecurity

information to come