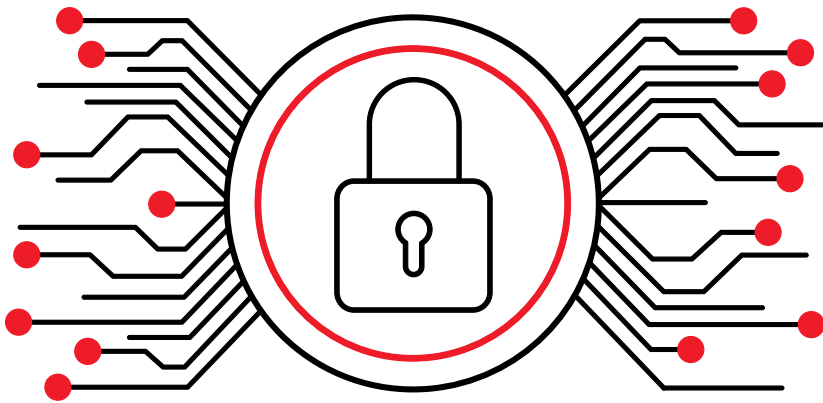—
POWER GENERATION SERVICE

Cyber Security Workplace
Solution to automate, manage and provide visibility to foundational security controls for Symphony Plus and System 800xA

ABB's industrial Cyber Security Workplace allows customers to securely automate the routine and most fundamental security maintenance tasks for their plant, ensuring without impacts to safety, process or availability that DCS are updated in a consistent and timely basis. Cyber Security Workplace provides operators with unprecedented control and visibility into patch level, frequency of backups and key hardening measures, reducing cyber risk to process control networks globally.

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Features

Security patch management
• Cyber Security Workplace provides a management console to easily deploy the ABB Security Patch Disc to the system on-site

Anti-virus management
• Deploys the updated Malware Definition Files to the system on-site

Backup and recovery
• Configures and automates backup routines and schedules for the system on-site

System hardening status and deployment
• Details the secured deployment of ABB Ability™ Symphony® Plus in terms of unused software, operating system services, and firewall settings

Status monitoring
• Dashboards showing traffic light and details for each node
• Detailed report for each node on user request

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Benefits

• **Reduces internal labor** required to maintain and update system security by an estimated 24 hours per month
• **Provides greater visibility** to through automated security status reporting
• **Minimizes risk** of updates not being completed on a timely basis
• **Minimizes risk** of potential operational impacts from manual application of an unapproved patch
• **Supports international standards and national regulations** by adopting best practices for hardening, backup and patching

Providing tools and automation to materially improve cyber resiliency

In today's business environment, cyber security is critical to your plant's reliability.
ABB delivers cyber security solutions to enhance reliability, automate compliance efforts and minimize risk, tailored to the needs of our power generation customers.

In a power plant, cyber security issues can put your operations at risk. ABB can assist with solutions to meet the cyber security needs of your plant's Distributed Control System (DCS). These solutions are tailored to meet your specific requirements.They are available through services delivered through an ABB Power Generation Care contract and solutions available through ABB's Cyber Security Workplace.

With Power Generation Care, ABB delivers cyber security services to match the operational and maintenance needs of a power generation facility. We transform routine maintenance tasks and free resources to proactively focus on power production through planned delivery of updates and patches that address cyber security. ABB's DCS cyber security consulting services identify the strengths and weaknesses of your current security state, remediate security gaps and maintain a strong security program.

ABB offers a combination of assessment and remediation services that can be scheduled on a periodic or continuous basis. The assessment services include ABB's cyber security Fingerprint. Remediation services provide systems hardening, patch and antivirus deployment, and backup and restoration.

A key component of ABB's cyber security offering is Cyber Security Workplace. It is designed to meet the unique needs of the electric power industry to achieve and maintain reliability, security and compliance. Cyber Security Workplace provides an integrated suite of security applications and tools that are certified for use on the DCS and qualify for support.

Delivered as a scalable solution, Cyber Security Workplace can be phased in to meet your plant or fleet-wide security and compliance needs today while providing the platform from which to grow and expand as requirements evolve and change. Cyber Security Workplace provides a solution that supports improved reliability and automation tools to simplify efforts to comply Industrial cyber security best practices, national regulations and international standards.
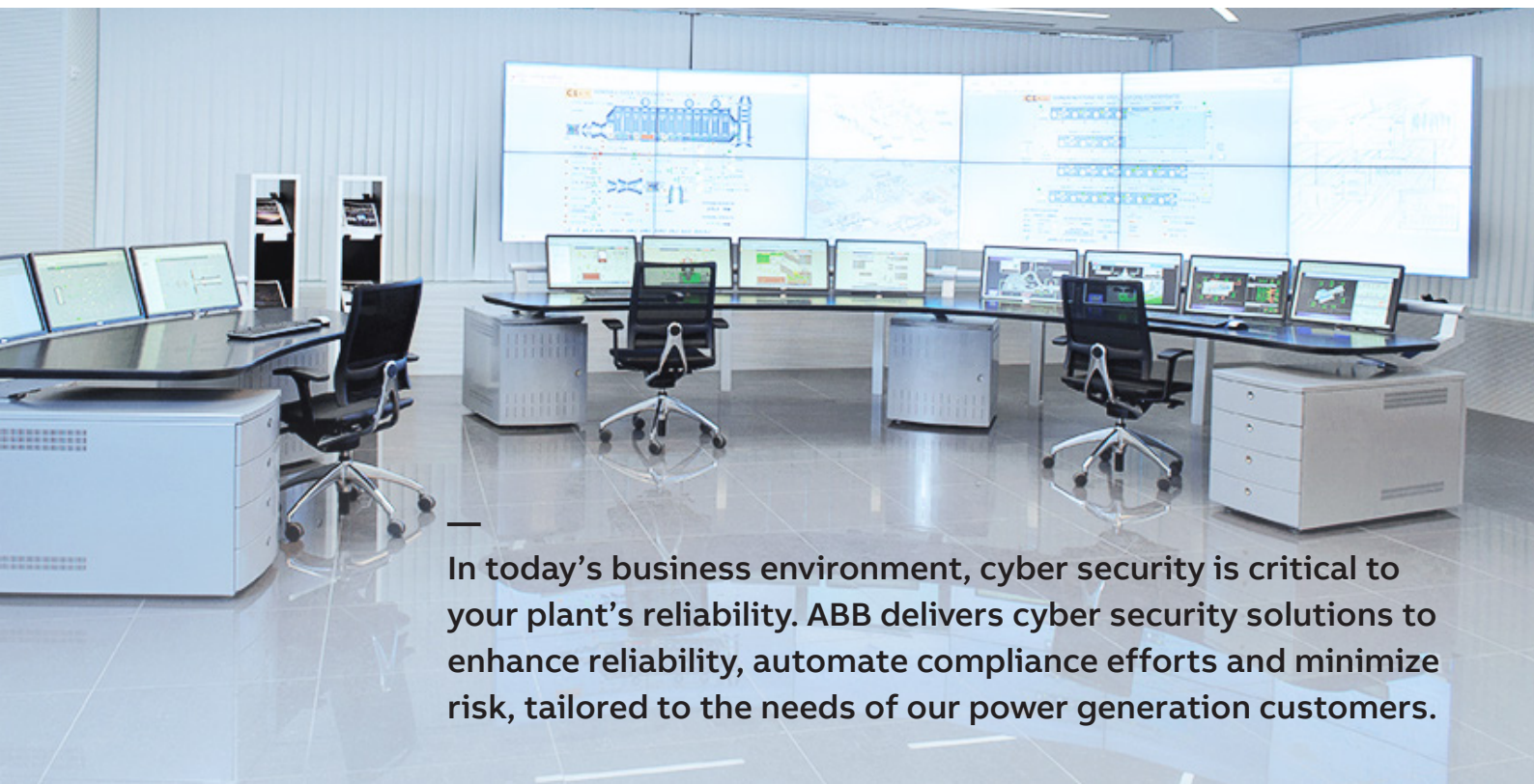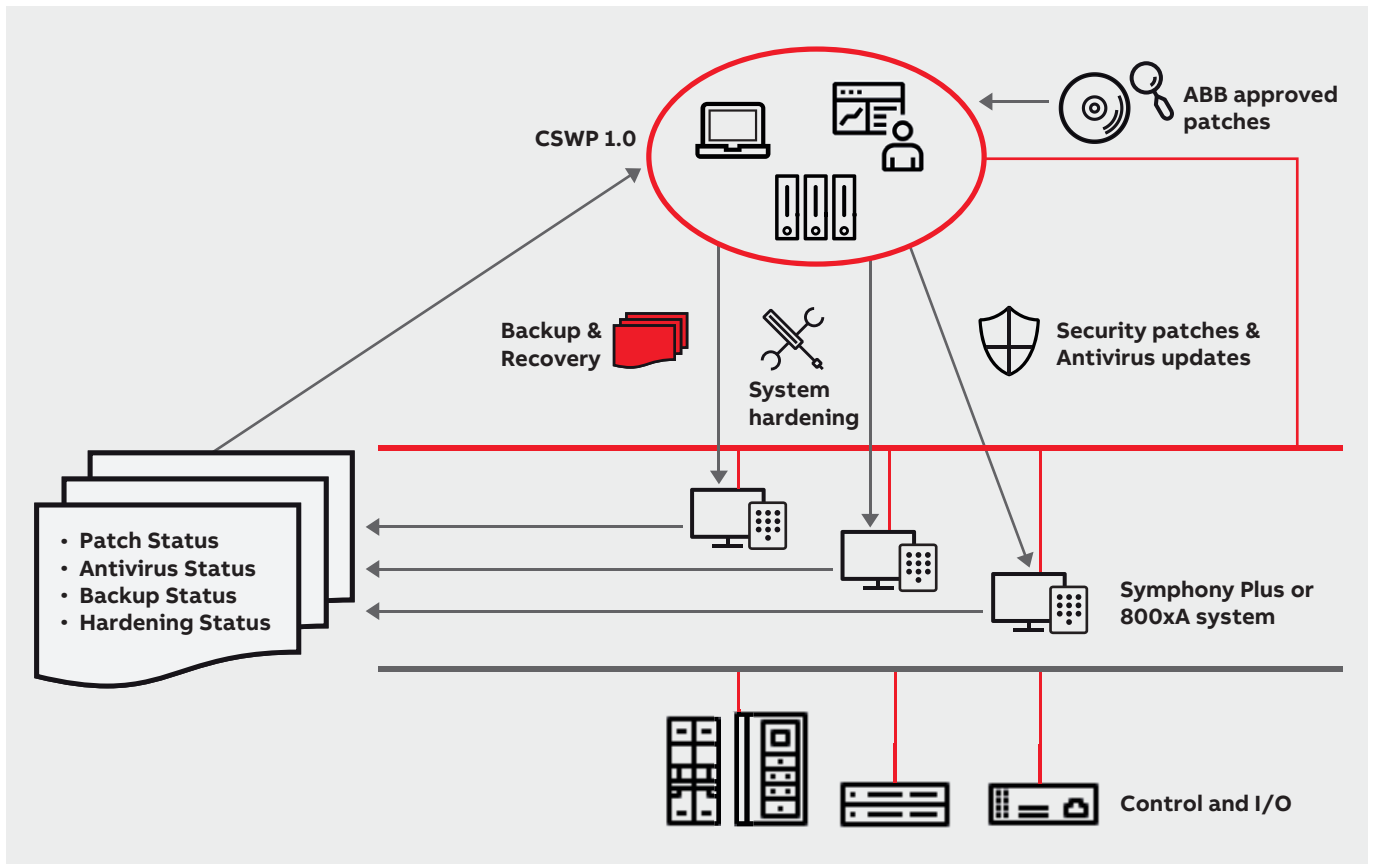

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Cyber Security Workplace
Reliability – Security – Compliance

CSWP 1.0

ABB approved patches

Backup & Recovery

System hardening

Security patches & Antivirus updates

- Patch Status
- Antivirus Status
- Backup Status
- Hardening Status

Symphony Plus or 800xA system

Control and I/O

Power Generation Care contract

Protect

Achieve and maintain the ABB recom-mended security baseline to meet the basic requirements for continued reliable operation of your ABB DCS. Using ABB approved automation tools to manage the essential patching and back-up processes insures the accuracy and consistency needed to maintain a security baseline.

Defend

By being proactive in regards to security and systems management, you will gain the necessary visibility into the DCS to identify and correct conditions that threaten reliable operations. A single pane of glass or "dashboard" will allow you to monitor the health of your DCS and view security events, configuration changes and alerts regarding thumb drive use. Without these measures, the first indication there is a problem with your DCS will be when the system goes down and your plant trips.

Manage

Provides a common reporting structure and an integrated approach to managing all compliance requirements faced by an organization, allowing you to focus on system reliability and performance – not compliance paperwork. Policy mana-gement, automated data collection and built-in standard reports drastically reduce the preparation time required for compliance audits.

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