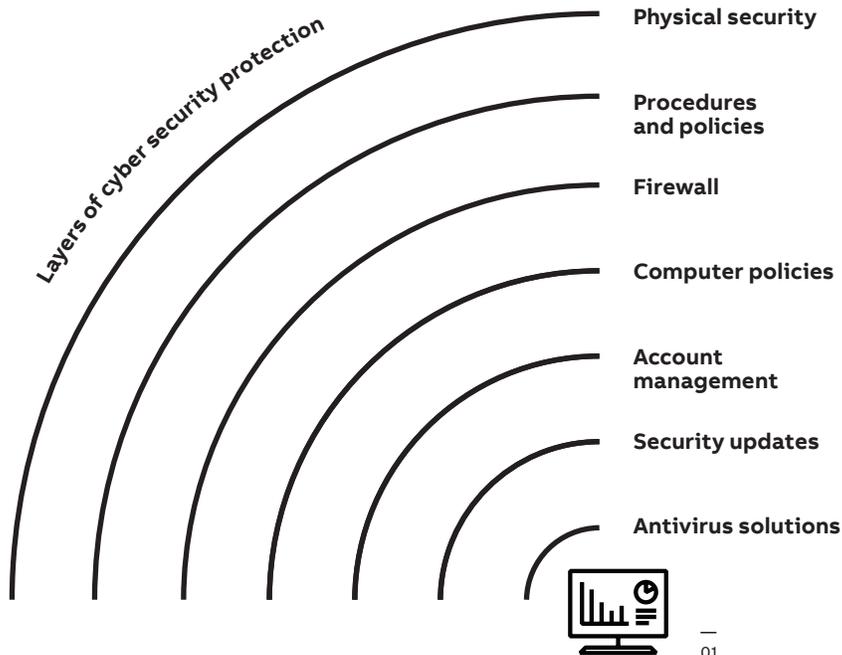


ABB Ability™ Cyber Security Assessment- Fingerprint uncovers potential risks



01 ABB uses the Defense in Depth strategy to ensure you have multiple layers of protection.

A West Virginia-based specialty chemical facility needed to minimize the potential for a cyber security attack by finding and reducing any security vulnerabilities. In addition, the company needed to comply with the U.S. Department of Homeland Security’s Chemical-terrorism Vulnerability Information (CVI) requirements to ensure safeguarding of its facilities and information. However, due to the complexity of the facility, it was difficult for the company to do an internal, comprehensive cyber security review of its control systems.

Customer’s need

To comply with internal cyber security standards and government agency requirements, the specialty chemical producer needed a complete review of the status of its current software and computer security measures as well as an assessment of the potential for exposure from computer viruses or malware.

ABB’s response

ABB Cyber Security Assessment- Fingerprint service identifies strengths and weaknesses for defending against a cyber attack within a plant’s control systems by gathering data from all servers within the control system and key personnel, and comparing them against industry best practices with ABB’s software-based analysis tool. The resulting report provides detailed recommendations to reduce cyber security vulnerabilities while helping to develop a focused and sustainable security strategy for control systems.

With ABB’s Cyber Security Assessment- Fingerprint service data was collected from 30 computers at the specialty chemical facility in less than five hours without affecting the running process. Without ABB’s service this process would have taken several weeks.

With automated report generation leading the way, ABB technical analysts reviewed the data and provided results to the customer within a week. Automated report generation is one of the key features of several ABB Advanced Services offerings.

Included in the report was a detailed, prioritized action plan to address the issues uncovered by the Cyber Security Fingerprint, which also provided the basis for an overall cyber security program for the site. However, to comply with CVI requirements, ABB shares the specifics of the Fingerprint report only with the customer.

Benefits

- Fast resolution for vital security issues
- Comprehensive view of plant cyber security status
- Better risk mitigation against a cyber security attack