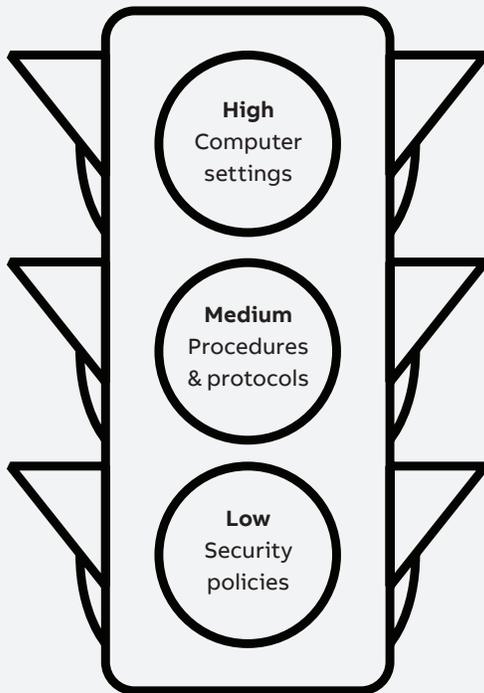


# ABB Ability™ Cyber Security Assessment- Benchmark

Instant view of your control system security status



**Features:**

- Automatic, non-invasive data gathering with ABB’s proprietary Security Logger
- Analysis of Key Performance Indicators (KPIs) to detect possible security weaknesses
- Easy-to-read stoplight report of your security status

**Benefits:**

- Provides basic understanding of where to improve your cyber security
- Accelerates problem solving by providing visualization of your control system security status
- Allows for immediate upgrade to the ABB Ability™ Cyber Security Fingerprint, which provides a deeper dive into your security status, as well as recommendations for improvement

**Quickly identify control system cyber security vulnerabilities**

ABB Cyber Security Benchmark is a non-invasive service applied to your control system to help determine a basic, overall cyber security status. Serving as the first step to your comprehensive cyber security strategy, the benchmark gathers control system data to identify potential weaknesses within your security policies, procedures, protocols and computer settings. Data gathering runs on a low priority level, in order not to strain the system in operation, resulting in a stoplight report that ranks KPIs by severity (Figure 1). This analysis leads to informed, responsive decision making by your team, ensuring there are multiple layers of protection in place.

01 This graphic illustrates the concept of the Cyber Security Benchmark analysis, which is presented in a color-coded stoplight report and ranks relative risk to your system from high to low.

Cyber Security Benchmark collects system data to identify areas of your control system that are most vulnerable to security breaches. It uses non-invasive data gathering collection tool and provides a color-coded report highlighting areas for improvement. This report provides you with an instant view of the health of your system’s security.

# Protect your control system against potential threats

## Immediate insight to your control system's security

| Cyber Security Services                                                | Benchmark | Fingerprint | Monitoring Service |
|------------------------------------------------------------------------|-----------|-------------|--------------------|
| Automatic, non-invasive data gathering                                 | x         | x           | x                  |
| Proactive analysis of KPIs                                             | x         | x           | x                  |
| Stoplight report of security status                                    | x         |             | x                  |
| Detailed findings report with recommendations                          |           | x           | x                  |
| On-site access to experts                                              |           | x           | x                  |
| Remote access to experts                                               |           |             | x                  |
| Ongoing analysis of KPIs                                               |           |             | x                  |
| Daily reports of security status                                       |           |             | x                  |
| Twice-a-year performance analysis                                      |           |             | x                  |
| Email/SMS notifications when KPIs are outside site-specific thresholds |           |             | x                  |

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01 ABB Ability™ Cyber Security Assessment-  
Benchmark provides a basic overview of your security status. For more advanced cyber security services, ABB offers a Fingerprint assessment with detailed recommendations and the ABB Cyber Security Analytics Service, which provides ongoing analysis of KPIs.

### Immediate insight to your control system's security

ABB Cyber Security Benchmark collects and analyzes data on the following KPIs to accelerate problem solving:

- **Procedures and protocols:** Availability of, and agreement to, written instruction and policies.
- **Security policies:** Compliance with policies implemented on the system, enforced from a central server or implemented on an individual computer.
- **Computer settings:** Assurance that the appropriate settings and applications reside on each computer in the system.

### Expert analysis helps identify potential weaknesses

After your benchmark analysis is completed, ABB provides a stoplight report, giving you a visual representation of your results. Available immediately for review in My Control System, the report presents system KPIs in three colors—red, yellow and green—illustrating your control system risk levels as high,

medium or low, respectively. While green indicates an acceptable security risk, it does not mean the system is safe from attack. It does, however, indicate the system has good basic security, therefore reducing the risk of an attack.

For a more comprehensive assessment of your control system security, you may schedule an ABB Cyber Security Fingerprint or purchase ABB Cyber Security Analytics Service. The fingerprint can use the data collected during the benchmark to provide more detailed analysis and recommendations about how you can reduce vulnerable areas within your control system, while ABB Cyber Security Analytics Service establishes continuous data collection and analysis of your security KPIs.

For more information, contact your ABB representative.

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