ABB Ability™ Cyber Security Benchmark/Fingerprint

Detecting potential security threats

Are there security-relevant weaknesses in your automation system?
• The Cyber Security Benchmark surveys technically relevant areas of your system and assesses the current security status.
• The Cyber Security Fingerprint also inspect organizational aspects and recommends actions for increasing the security level.

Are current and expected future risks sufficiently covered by the organizational and technical measures?
Do you know what items and fields you should include in your considerations?
The first step: Identify and evaluate security risks.

Cyber Security Benchmark
With the Cyber Security Benchmark, you receive information about security-relevant technical fields in your automation system.

Process:
• Security-relevant data are automatically collected in your system by ABB applications.
• The data are analyzed and assessed in comparison to the recommended security measures.
• Results report in the traffic light diagram format

Cyber Security Fingerprint
Do you want to improve the security of your control system, so you can identify the correct measures for relevant elements of your system?
If so, the Cyber Security Fingerprint is the right step for you.

It will detect and assess weaknesses in your system. You will receive recommendations for actions that could form the basis for a security concept, with specific measures.

The analysis includes both technical and organizational aspects.

Process:
• Interviews with contact persons from the relevant departments in order to estimate the current security status
• ABB applications collect security-relevant data of the automation system and other computers in the production area
• Analyses through comparison with security measures that are recommended and defined for the system
• Results and recommended actions are provided and presented in the form of a detailed report

The Cyber Security Fingerprint will help you determine a customized concept for your system's security level.