We face sophisticated cyber threats from state-sponsored hackers, hackers for hire, organized cyber syndicates, and terrorists. Private sector companies are the primary victims of cyber intrusions. And they also possess the information, the expertise, and the knowledge to address cyber intrusions and cyber crime in general.

— James Comey, Director, Federal Bureau of Investigation, USA

Questions to consider

- Is your control system investment fully protected?
- Can you run your process without your control system?
- Can you afford even a day of downtime due to a cyber attack?

If your answers are no, consider the ABB Resilience Pack.

ABB Resilience Pack

combines our best cyber security services for System 800xA with our best service for ensuring top 800xA performance, to protect your control system investment and make it work as efficiently as possible.
Chemicals: Chemical Plant, WV, USA
To comply with internal cyber security standards and government agency requirements, the specialty chemical producer needed a complete review of the status of its software and computer security measures as well as an assessment of the potential for exposure from computer viruses or malware. ABB conducted a cyber security assessment at the site, which became the basis for the site’s overall cyber security program.

Metals: Cold-Rolling Mill, Spain
To review control system cyber security status and ensure software and antivirus programs were updated, the mill asked ABB to perform a cyber security assessment to help defend against cyber attacks. ABB found that the mill’s process control systems were running outdated software. Additionally, the company was informed that they must upgrade its antivirus protection. These actions improved system protection.

Mining: Copper Mine, Boliden, Sweden
Boliden wanted to augment its existing cyber security program with a new perspective to ensure that they are doing all they can to mitigate cyber attacks, so they asked ABB to perform a cyber security assessment on the control system to validate existing policies, and identify areas of improvement. ABB recommended new actions for further protection, boosting Boliden’s confidence in its cyber security protection.

Oil & Gas: Middle Eastern Refinery
To ensure the facility’s advanced security measures took their control systems into account, the refinery asked ABB to identify strengths and weaknesses for defending against a cyber attack. ABB’s report provided recommendations to reduce cyber security vulnerability while helping to develop a focused and sustainable security strategy for the control systems.

Power Generation: DTE Energy in MI, USA
DTE contracted with ABB for 23 assessments of control systems and cyber security, distributed across multiple plants over three years. ABB’s Cyber Security Performance Services identifies a control system’s ability to defend against a cyber-attack or security breach. A resulting report recommends solutions to mitigate against cyber security vulnerabilities to help develop a sustainable control system security strategy.

Pulp & Paper: Southeast Asian Paper Mill
With ABB Performance Services powered by ServicePort, the mill measurably improved equipment and process performance: the LV Drives Performance Service identified issues that improved drives performance; the Loop Performance Monitoring Service helped to improve fiber stability, refiner stability, and paper machine runnability; and the QCS Performance Service helped to improve product quality.