



 \WEBINAR, 27TH OCTOBER 2022

Cyber Security Assessment

Managing Industrial Cyber Risks



Our Presenters



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Cyber Security Awareness Month

Think about this during the presentation

- Do you know what you got and how well is it protected?
- Which assets are the most critical to your production?
- Do you meet the mandatory requirements or regulations in your region?

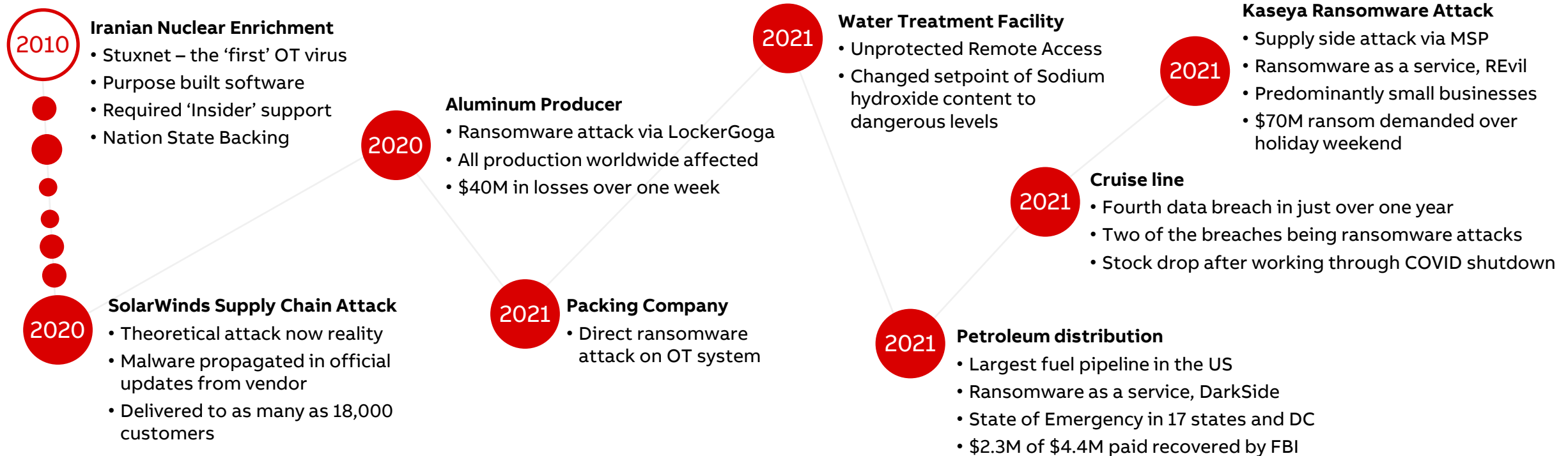


CYBER
SECURITY
AWARENESS
MONTH



ABB Ability™ Cyber Security Services

Attacks on the rise



Dramatic Escalation of Attack Frequency and Impact

ABB Cyber Security Service

End-to-end industrial cyber security

Intelligence
Focus on your core while maximizing efficiency, monitoring advanced threats, and responding to security incidents sooner.



Consulting
Get expert help to accomplish your goals with minimal impact on production, while applying industry best practices and methods.



ABB Ability™ Cyber Security Services

Solutions
Deploy ABB-validated cyber security solutions that protect your assets, production, and data, and simplify cyber security.



Services
Minimize cyber risks and achieve the highest level of protection at each phase of an automation asset's life cycle.



Cyber Security Assessment

ABB supporting Cybersecurity challenges of owners and operators

Challenges

Understanding Impact

Asset Inventory

Legacy Systems

A Business Case for Cyber Security

Secure Digital Transformation

Regulatory Compliance

Lack of Cyber Security Expertise

Solutions

By understanding the potential impact of different types of cyber attack on each of your systems, both financially, on safety, the environment and operations, ABB can help you can plan appropriate protection

It is important to have an up to date asset inventory to be able to provide good protection. ABB can provide asset inventory services to understand what you have connected to your systems.

Upgrading legacy system is the most obvious answer, but not always feasible or practical. ABB can assists with technologies and techniques to secure heritage systems, until an upgrade is possible

ABB can help to develop a cost effective phased approach to cyber secuti y improvements, with expenditure tied to real-world improvements in security. Targeting highest priority critical assets first.

To help you prepare for the future, ABB can provide guidance to transform and secure your industrial networks for connection to analytics and monitoring systems.

ABB can help you asses your compliance against company policies, industry best practice and regulatory requirements . Them improve using a risk reduction based approach

Benefit from ABB's knowledge and experience of carrying out these assessments on a variety of complex systems worldwide.

Cyber Security Assessment

An ABB Cyber Security Assessment Service

An **ABB Cyber Security Assessment** is a service that helps plant owners and operators:

- Identify
- Measure
- Prioritize
- Mitigate

Industrial control system cyber security risks by providing a detailed in-depth view of their Industrial control system's risk exposure.



Cyber Security Assessment

Investigate current OT cyber security posture

Objective

- Investigate current Cyber security posture
- Verify system documentation
- Investigate current vulnerabilities
- Create remediation and OT cyber security systematic plan
- Digital transformation as a driver
- Regulations for compliance

Method

- Assessment during full production
- Non intrusive ABB Cyber Security Fingerprint tool
- Network Monitoring solution
- Interview
- Inspection of key areas of plant

Outcome

- OT Cyber security plan with multiple phases
- Secure plan for traffic in and out from OT for digitalization
- Up to date asset inventory
- Vulnerability overview
- Discovery of critical assets – "crown jewels"

A Success Story

Cyber Security Risk Assessment



**Cyber
Security**

SITUATION:

- Client wanted to have a better understanding of their cyber security risk exposure
- 27 Sites globally to address
- Needed to analyse which systems to prioritise for security improvements

SOLUTION:

- Perform Criticality Assessments across sites
- Carry out Gap Assessment and Risk Assessment on 6 priority sites.

SUCCESS:

- Priority sites and systems were identified
- Risks areas were identified.
- Cyber Security Risk at each site was measured
- The team responsible for cyber security are able to focus on creating capability where there is a business need.

Global Chemicals Manufacturer



SCOPE OF DELIVERY

- Gap Assessment on whole organizational structure to identify areas for improvement in management of Cyber Security.
- Risk Assessment on each site considered a priority

BENEFITS

- Increased awareness of the client's cyber security posture
- Ability to focus on the areas most needing improvement
- Most critical assets discovered – production crown jewels

Why choose ABB

Superior technology, proven domain expertise



Cyber security assessments require a cyber security expert with **deep domain knowledge and OT Cyber security expertise which is a rare commodity** and expensive to hire in-house. ABB can provide this expertise to our customers. As a **TÜV Cyber Security Training Partner** ABB can help you upskill your won personnel



Developed and refined over multiple years and many customers, ABB has a **tried and tested approach** to cyber security assessment and improvement.

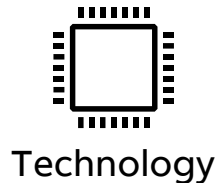


ABB performs their **cyber security assessments with nonintrusive tools** to have zero impact on plant production, even when used in running operational environements.

ABB