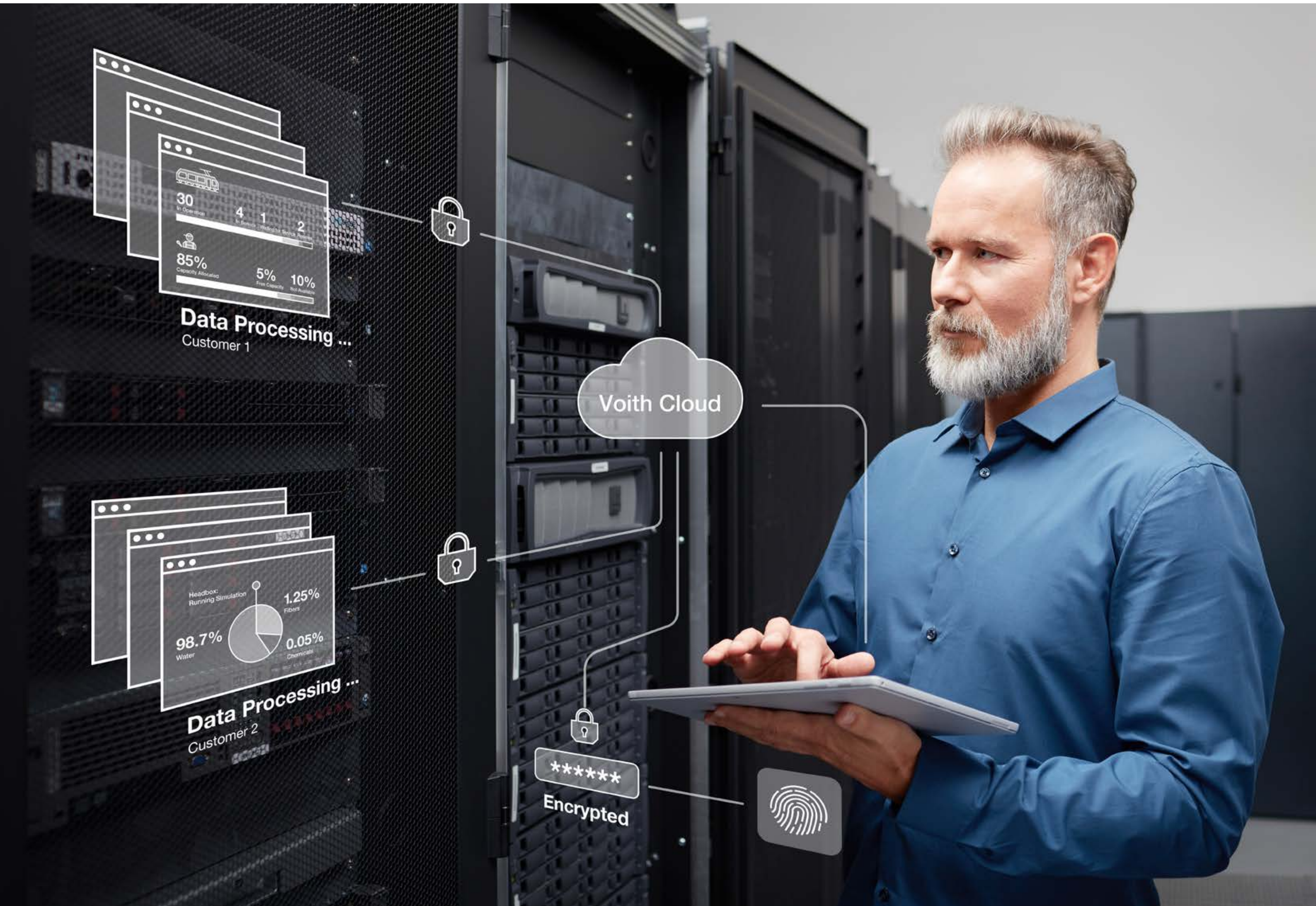
voith.com

Ensure your IIoT environment is secure
Industrial Cybersecurity

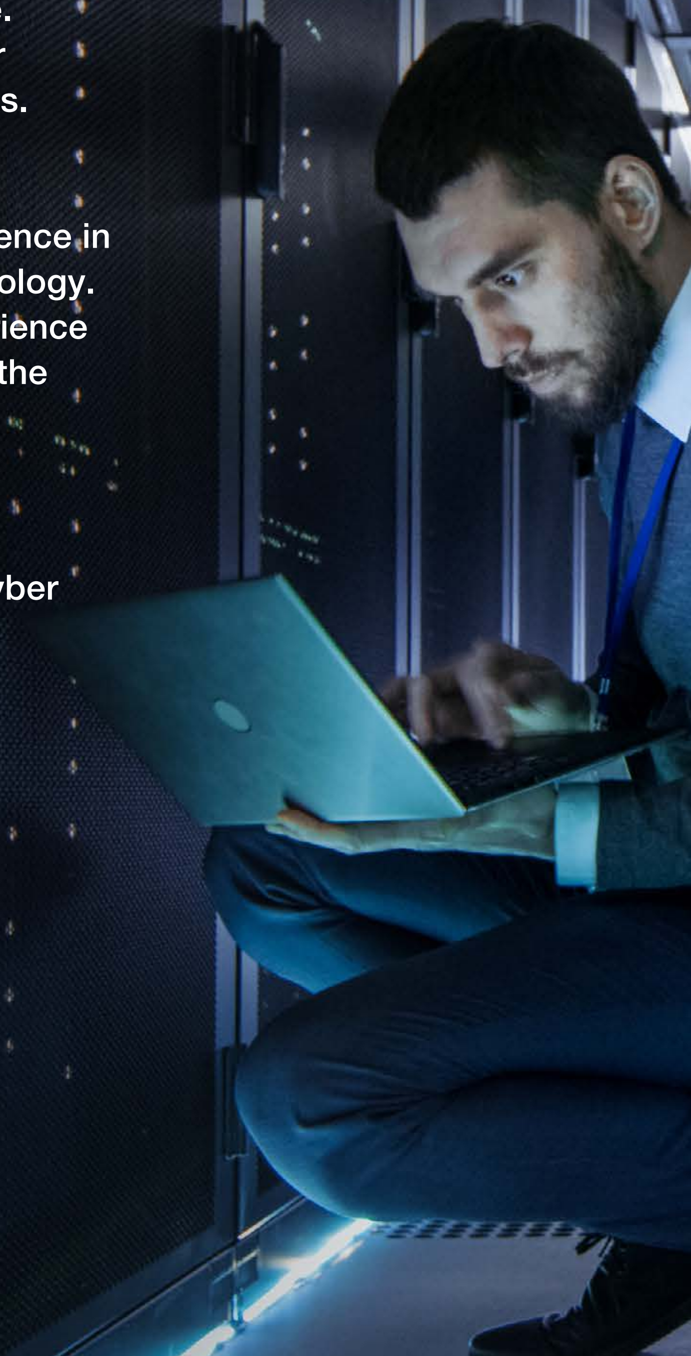


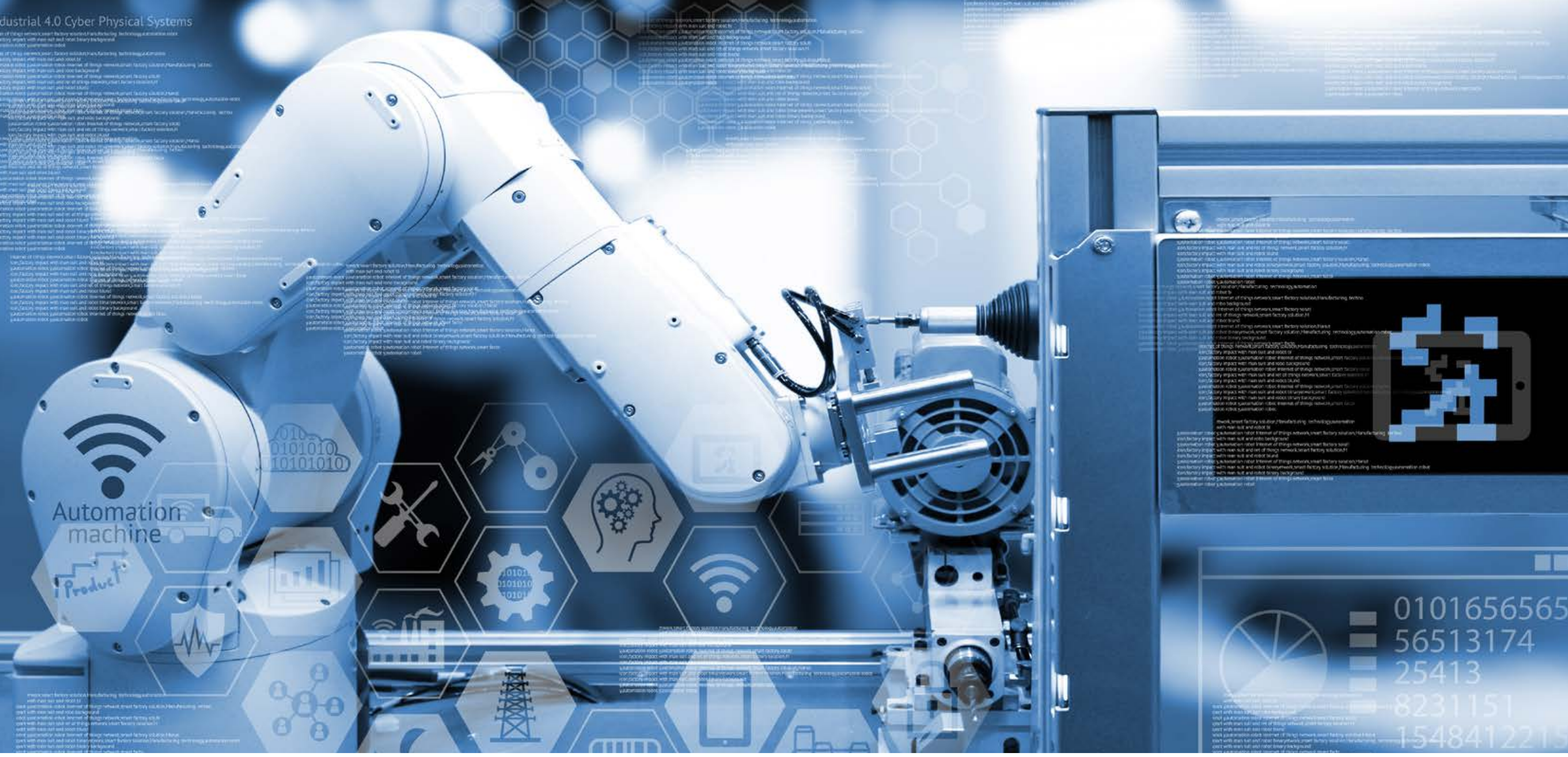
Long-lasting security for your IIoT environment is possible with Voith industrial cybersecurity services

Protecting equipment, machines and infrastructure against the daily risk of cyberattacks is an enormous challenge for many businesses in the digital age. Voith offers professional support to protect your infrastructure and secure your machine networks.

Our experts have more than 150 years of experience in paper, hydropower, drive and automation technology. Additionally, we have more than 20 years' experience in the field of cybersecurity, and are certified in the relevant industry standards.

Our many years of experience equip us with the capability to recognize and effectively handle cyber risks in networked systems and machinery.





We detect your security loopholes

Many companies remain unaware of the threats of cyberattacks to their critical plants and systems, and are simply overwhelmed by the security demands placed on IT networks, connected systems and machinery.

Cyberattacks by ransomware, such as Stuxnet, Petya and Wannacry, have recently infected thousands of computers and systems. These cyberattacks often have severe implications for businesses. They range from data theft and extortion, and embezzlement of company secrets, to acts of sabotage, such as shutting down entire plants and systems. Businesses and customers affected by this often suffer immense loss of trust and damaged reputations, as well as financial damages reaching into the millions. The cybersecurity experts at Voith are equipped to protect your business against these threats. They are knowledgeable of, and can detect, potential security loopholes for hackers and malware.

Our experts apply their knowledge to check and test your IT network and systems for new and unknown weaknesses. Understanding potential threats allows you to address IT and IIoT weaknesses before they are discovered by attackers, while future-proofing your plant, infrastructure and systems (e.g., SCADA and PLCs). Our team constantly develops new methods and tools for detecting and defending against cyberattacks using in-house test laboratories. Services such as penetration testing are part and parcel of a sustainable cybersecurity strategy.

Find out more about our penetration testing offering.
Voith developed a special penetration testing service package for industrial customers to detect possible weaknesses and eliminate them.

Penetration testing service package

1. Penetration Testing

A. Preparation

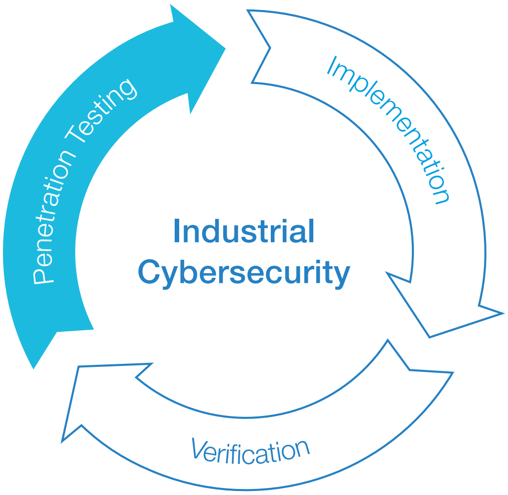
- Technical inventory
- Scoping

B. Assessment

- Attack simulation
- Manual attack
- Automated attack
- Platform analysis
- Black-box/white-box testing

C. Reporting

- Management summary focusing on critical findings and measures that can be implemented quickly
- Detailed findings report including measures and cost estimate
- Presentation of results to executives and IT managers
- Discussion of possible actions with our experts



2. Implementation

- Risk assessment and prioritization of actions
- Recovery plan for agreed actions
- Implementing agreed recovery measures

3. Verfication

- Checking eliminated weaknesses
- Checking implemented security measures
- Revising and adapting the findings report to document the increased security level

Due to constantly rising threat levels, the cybersecurity experts at Voith recommend performing penetration tests on a regular basis – at least once a year.

Your advantages

- **Proactive protection against known and unknown cyber risks and attacks**
- **Comprehensive security for your IT network and systems**
- **Comprehensive documentation for compliance and other legal requirements**
- **Individual action plan generated by cybersecurity experts**
- **Industry-specific IT expertise**
- **Flexible options for either a complete package or a single module**
- **Certification available**

Complex organizational structures, distributed locations, and infrastructure technologies growing heterogeneously make it difficult to appropriately and fully protect sensitive company data. Our ISO27001 Assessment on information security provides you with a comprehensive overview of the technical and organizational risks in the process chain. We show you how to eliminate the identified weaknesses through effective protective measures.

Overview of services

- Determination of status quo in the IT / Information Security area using checklists, interviews, visual inspections of systems, and tours, consistently oriented on ISO 27001, the international IT security standard
- Identification, documentation, and assessment of weaknesses, risks in IT processes and systems, as well as dealing with personal data
- Discovering potential risks and deriving suitable measures
- Test report with comprehensive catalog of measures and concrete recommendations for actions
- Final presentation

Benefits

+ Preventive & concrete
Our experts find weaknesses before others do. We help you secure your IT systems and protect your information.

+ Competent & feasible
We test independent of the security technology you have installed and find feasible solutions that meet your security level.

+ Confidential & conforming to law
Our test report serves to verify your proper handling of security requirements from legislators and auditors. We treat every analysis in strictest confidence, and afterwards we won’t abandon you, rather we show you how things go from there.

Why Voith?

Voith is an industrial cybersecurity partner with many years of industrial IT and IIoT experience. By combining our high levels of expertise and extensive industry knowledge of mechanical and systems engineering, we provide comprehensive protection against cyberattacks.

Tackle your security now. Contact us to find a time to meet our cybersecurity experts. The representatives in our Customer Care Center are always available to help you protect your business.

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VOITH

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