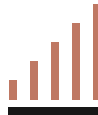


Rhebo Industrial Protector

OT Monitoring & Threat Detection for Critical Infrastructure



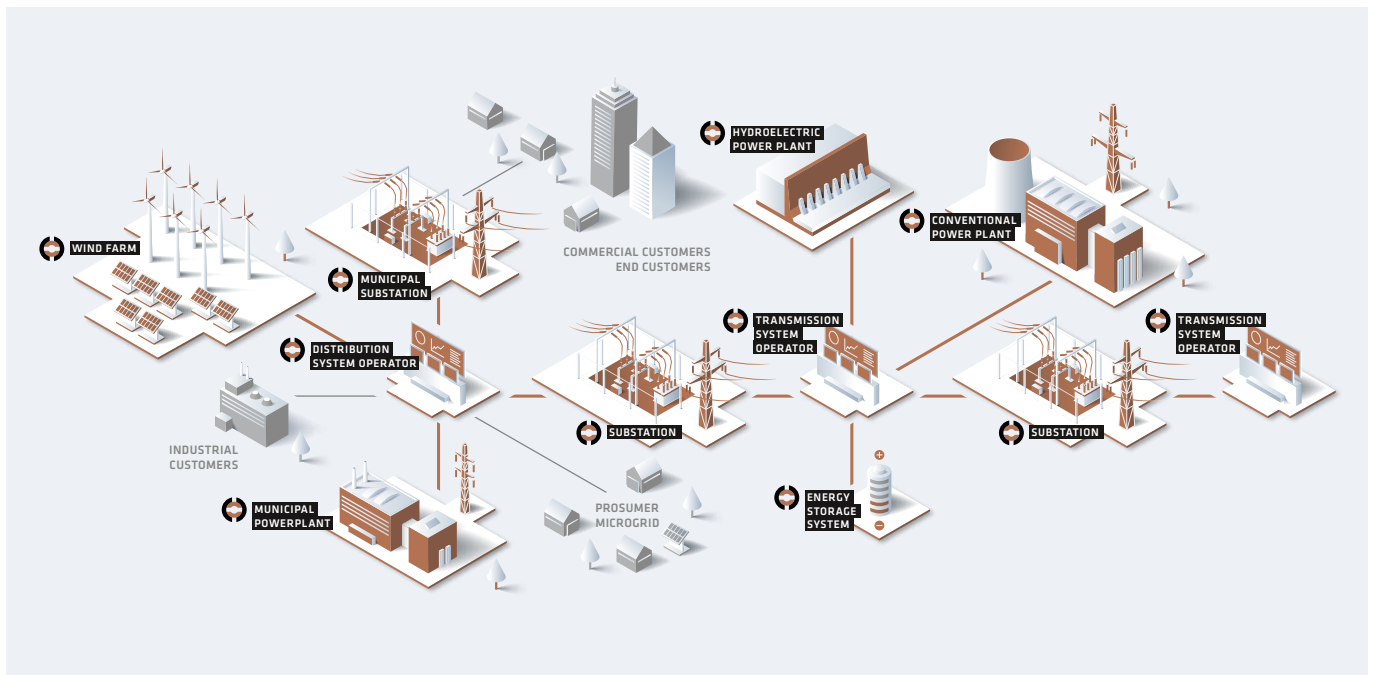
PREVENT
CYBERATTACKS



INCREASE PLANT
AVAILABILITY



SECURE CRITICAL
SERVICES



Your Advantages With Rhebo Industrial Protector

- ✓ **SMART THREAT DETECTION** for Operational Technology (OT) and Industrial Control Systems
- ✓ **COMPREHENSIVE OT VISIBILITY** from the network to the device through in-depth asset discovery and inventory
- ✓ **CONTINUOUS RISK ASSESSMENT** through behavioral analysis and identification of vulnerabilities
- ✓ **MITIGATION OF CYBER-ATTACKS AND MALWARE** through OT monitoring with anomaly detection
- ✓ **INCREASED PLANT AVAILABILITY** through network condition monitoring for technical error states
- ✓ **EASY INTEGRATION IN BROWNFIELD OT** through e.g. software sensors on established network components

The Challenge of OT Threat Detection

Critical infrastructure operations depend on the availability and security of its operational technology (OT) and industrial control systems (ICS). Assets are often monitored, maintained and controlled remotely. At the same time, visibility in the OT is usually insufficient to detect misconfigurations, operationally relevant errors or cyberattacks.

Critical infrastructure operators can only protect what they can see. Several national IT security acts therefore call for an end-to-end system for threat monitoring and detection. This system must ensure that the infrastructure is continuously monitored in order to enable early identification and mitigation of attempted attacks.

Critical infrastructures need a system in their OT that:

- establishes end-to-end visibility to devices (hosts), connections and communication behavior;
- continuously analyzes the entire communication, and
- detects, documents and reports any anomaly in communication behavior in real-time.

These capabilities help OT security engineers to respond quickly and proactively to attacks and technical error states.

End-to-End Cybersecurity for Critical Infrastructures

Rhebo Industrial Protector reliably protects OT networks and ICS from disruptions caused by cyberattacks, malware, technical error states, and compromise. The OT monitoring with anomaly detection visualizes the entire network structure including its devices, firmware properties, connections and protocols. In continuous operation, it uses innovative deep packet inspection technology to analyze and assess any communication within the OT network down to the application layer.

Operators are notified in real-time of suspicious communications, including previously unknown threats such as zero-day exploits. All details are provided for forensic analysis. Rhebo Industrial Protector is a non-intrusive and passive OT monitoring solution that does not interfere

with sensitive industrial processes. This enables operators to actively mitigate risks, avoid operational disruptions, and secure their critical services.

Rhebo Industrial Protector supports all common platforms and can be easily integrated – as required – into any industrial network via:

- dedicated industrial hardware for physical setups;
- virtual appliances for the operation in VMware, Hyper-V and other virtual environments;
- software based sensors for common security gateways, edge computing devices and substation servers e.g. by Barracuda, Bosch Rexroth, Cisco, INSYS icom Smart Devices, RAD, Siemens RUGGEDCOM und Welotec.

Additional Information for Critical Infrastructure Operators



From Risk Analysis to Managed Protection: Our Solutions & Services

- Whitepaper »Substation Level Monitoring«
- Whitepaper »IEC 62443 Guideline«
- Success Story »TEN Secure energy supply for >1.1m citizens«

- Rhebo Industry 4.0 Stability and Security Audit
- Rhebo Integration Solutions
- Rhebo Managed Protection

Contact us

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About Rhebo

Rhebo develops and markets innovative industrial monitoring solutions and services for energy suppliers, industrial companies and critical infrastructures. The company enables its customers to guarantee both cybersecurity and the availability of their OT and IoT infrastructures and thus master the complex challenges of securing industrial networks and smart infrastructures. Since 2021, Rhebo is part of the Landis+Gyr AG, a leading global provider of integrated energy management solutions for the energy industry

with around 5,000 employees in over 30 countries worldwide. Rhebo is a partner of the Alliance for Cyber Security of the Federal Office for Information Security (BSI) as well as the Teletrust – IT Security Association Germany. The company was awarded the »IT Security Made in Germany« and »Cybersecurity Made In Europe« labels for its strict data protection and data security policies.

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