

Rhebo IoT Device Protection

Integrated Device Security For Critical IoT Networks



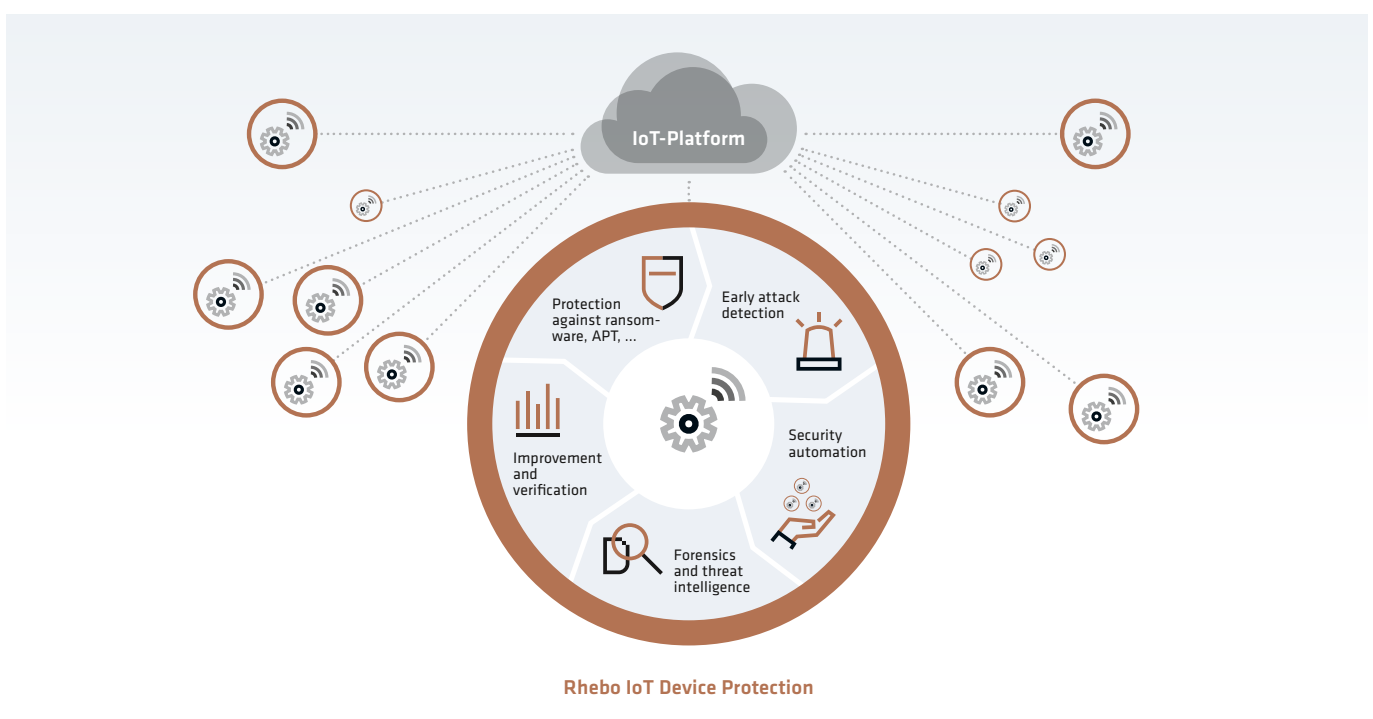
AUTOMATED CYBERSECURITY
from network to device



NETWORK CONDITION MONITORING
for predictive maintenance



FAST SECURITY UPDATES
on brownfield devices and networks



Your Benefits with Rhebo IoT Device Protection

✓ **SCALABLE SECURITY AUTOMATION**

for large fleets of critical IoT devices

✓ **IMMEDIATE VISIBILITY**

from network to device through system-wide asset discovery and inventory

✓ **SIMPLE INTEGRATION**

in brownfield infrastructure due to support of common hardware and virtualization platforms

✓ **MITIGATION OF CYBER-ATTACKS, ESPIONAGE & MALWARE**

through anomaly and threat detection

✓ **INCREASED PLANT AVAILABILITY**

through Network Condition Monitoring for technical error states

✓ **CONTINUOUS RISK ASSESSMENT**

(e.g. according to IEC 62443) through behavioral analysis and identification of vulnerabilities

Your Devices Are Smart. But Are They Secure?

The number of IoT devices is growing in industrial networks and especially in decentralized infrastructures with remote access. Manufacturers of **e.g. energy storage systems, automation technology and kiosk systems** are thus also becoming platform operators. The devices are smart and connected, but rarely secure. Large fleets of critical devices in particular pose a risk to operation – whether through ransomware, targeted attacks or botnets.

One compromised device can infect the entire fleet. This is even more likely with novel attack patterns, advanced persistent threats or zero-day vulnerabilities. Manufacturers of critical connected IoT devices therefore need an **intelligent, automated threat detection and mitigation system** that identifies even unknown attack patterns and minimizes fleet risk through intelligent security automation.

Rhebo IoT Device Protection is an industrial network monitoring with anomaly detection and security automation for **manufacturers and operators of critical IoT devices**. The Rhebo IoT Device Protection software agent is specially tailored to the CPU and memory constraints of IoT devices to allow local integration and operation. Both installation and updates can be executed remotely. This also enables retrofitting on existing systems.

Within a few hours **Rhebo IoT Device Protection** learns the authorized communication of the devices. During operation, all communication is monitored both on and between the IoT devices and the cloud-based IoT platform. Deep packet inspection technology ensures a thorough analysis down to value level. Any deviation from the authorized pattern is reported as an anomaly while **security automation stops any event locally to ensure fleet protection**.

Lean & Tailored IoT Platform Security



IoT Device Protection »Made in Germany«



Initiated by ECSO. Issued by eurobits e.V.



Secure your critical connected devices. Get in touch with 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 increase 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.. www.rhebo.com