Rhebo
OT Security Made Simple

Solution Brief

Rhebo IIoT Protector
Intrusion Detection for IIoT Edge Devices

OT SECURITY
Made in Germany

COMPLY TO THE CYBER RESILIENCE ACT

REDUCE THE CYBERRISK OF IIOT DOWNTIME

ENSURE CYBERSECURITY OF EDGE DEVICES

Rhebo IIoT Protector is a lightweight intrusion detection system for distributed IIoT assets. The solution enables manufacturing and operating companies to secure their critical edge devices against attacks and technical error states, comply with the requirements of the Cyber Resilience Act, and reduce downtime costs.

Rhebo IIoT Protector combines security monitoring, real-time anomaly detection without interfering with the IIoT assets' critical processes. This enables operators to quickly localize, assess and mitigate even multi-stage cyberattacks utilizing zero-day vulnerabilities or stolen credentials as well as operational errors.

»When selecting Rhebo, it was particularly important to us that monitoring and security automation are specifically tailored to our devices and can be expanded at any time. Because both our technology and the threat landscape are constantly evolving.«

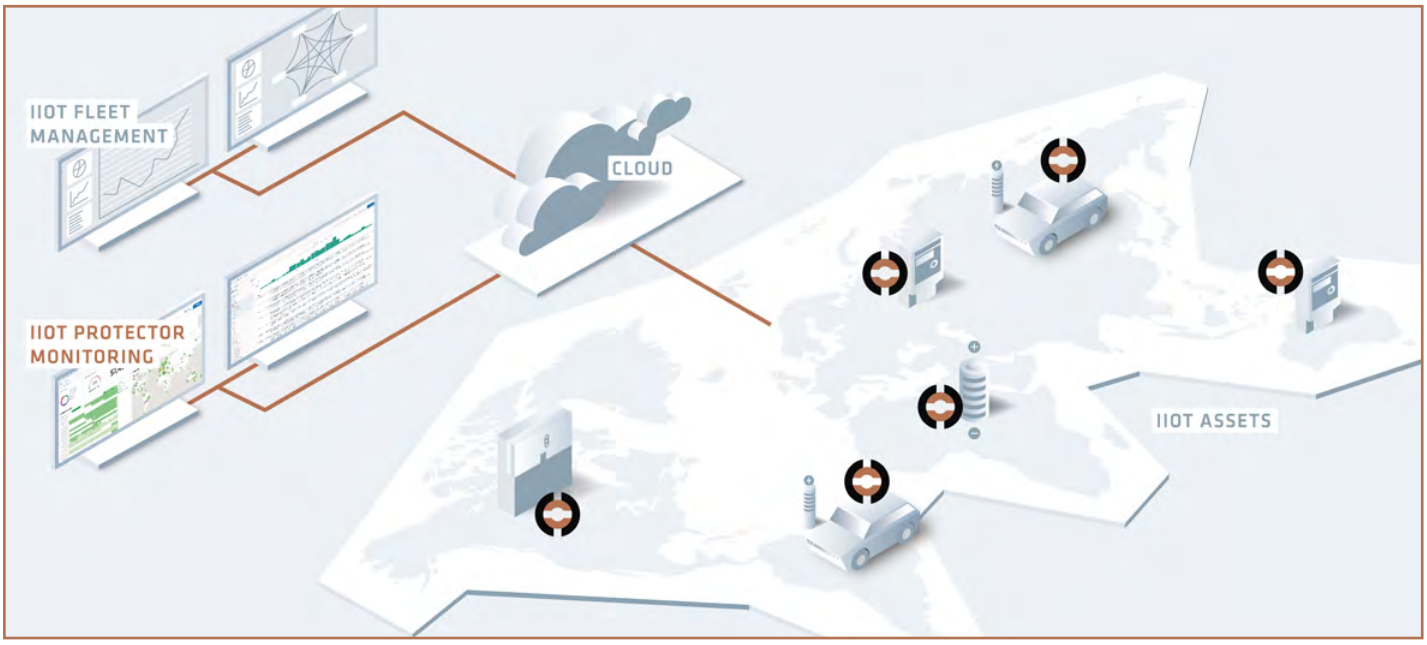
Daniel Ackermann | Director Software Development | Sonnen

What you gain with Rhebo IIoT Protector

- **IIOT SECURITY MONITORING**
  even on edge devices with low CPU and bandwidth
- **REAL-TIME DETECTION**
  of cyber attacks, local manipulation and lateral movements
- **FAST LOCALIZATION**
  of suspicious and unwanted activities and disruptions
- **HIGHER DEVICE AVAILABILITY**
  through real-time notification of technical error states
- **DIGITAL SOVEREIGNTY**
  through European development and support
- **INCREASED CRA COMPLIANCE**
  with an integrated, host-based intrusion detection system

Integrate Edge Device Cyber Security

lightweight, robust and without interfering with your critical processes



How it works

- Lightweight, containerized application featuring:
  - minimal CPU and bandwidth usage,
  - easy global deployment and remote maintenance,
- host-based, continuous monitoring of communication on every IIoT asset,
- behavioral analysis of devices and their interfaces–such as system logs and web interfaces–down to the data level,
- passive and non-intrusive monitoring, detection, and alerting,
- provision of PCAP files for forensic analysis,
- optional local security automation in accordance with the customer's security policies.

Why Rhebo

- vendor-independent intrusion detection system Made in Europe for sovereign cybersecurity,
- a solution field-tested since 2019 on globally distributed assets,
- scalability to hundreds of thousands of assets through remote and automated deployment and maintenance,
- available as both a self-hosted application and a managed service from Rhebo,
- on-demand support from Rhebo for establishing the baseline and operating the IIoT intrusion detection system,
- over ten years of experience in the development and operation of intrusion detection systems for industrial environments.

Make your IIoT edge devices bullet-proof

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OT SECURITY Made in Germany · INFORMATION SECURITY MANAGEMENT SYSTEM DNV ISO/IEC 27001 · bitkom · CYBERSECURITY MADE IN EUROPE Initiated by ECSO, Issued by eurobits e.V. · Allianz für Cyber-Sicherheit · PLATTFORM INDUSTRIE 4.0

Rhebo OT Security Made Simple

Rhebo provides simple and effective intrusion and anomaly detection Made in Europe for OT networks and IIoT edge devices for critical infrastructure, (multi-)utilities and manufacturing. We support companies with establishing OT security from the initial risk assessment to the operation of the network-based intrusion detection systems, and forensic analysis of anomalies. As a trustworthy cybersecurity provider, Rhebo is ISO 27001 certified and was awarded the »Cybersecurity Made In Europe« label for its strict data protection and data security policies.

www.rhebo.com

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