

Rhebo Industrial Protector Network Monitoring for Energy and Water Companies



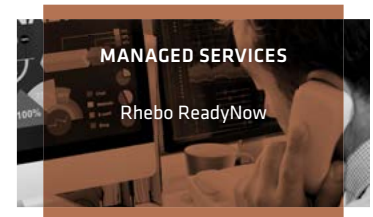
PREVENT CYBER ATTACKS
AND SABOTAGE



SUPPORT TECHNICAL
MANAGEMENT



PROTECT SUPPLY
PROCESSES



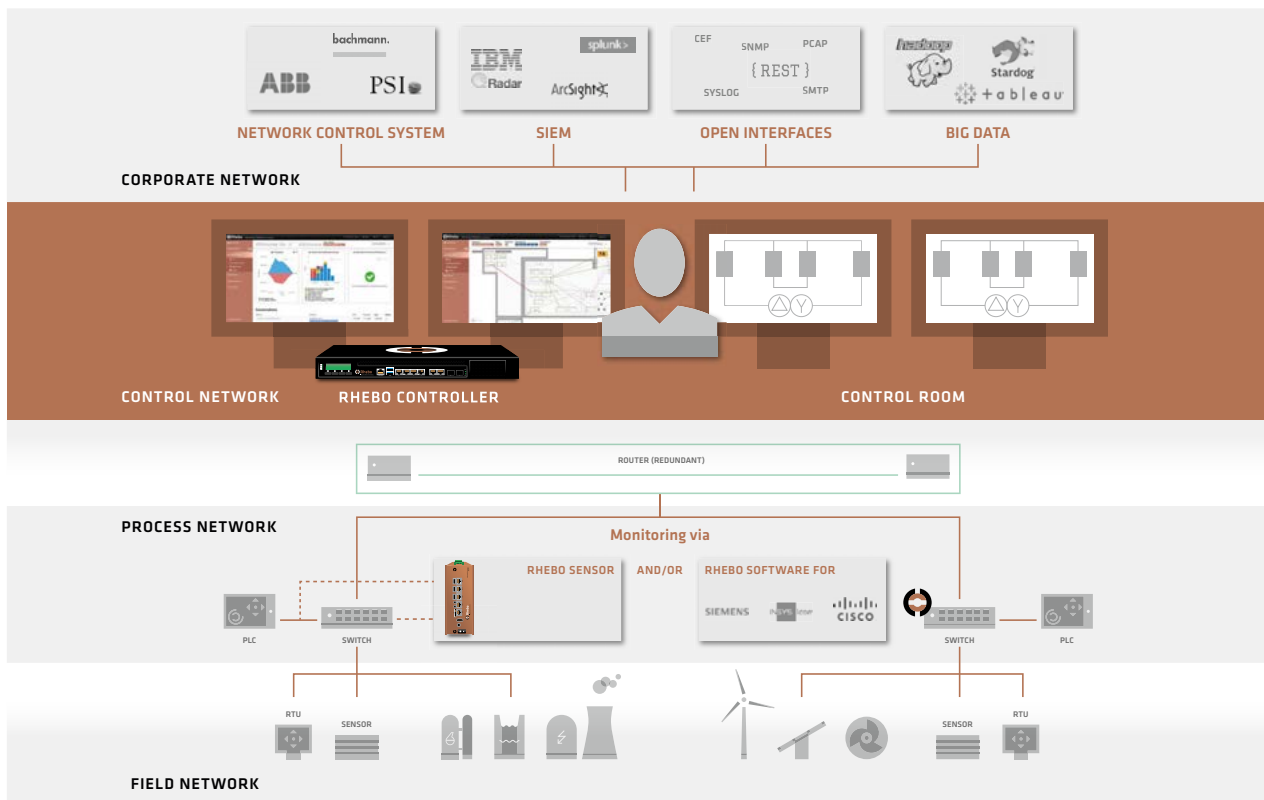
Your Advantages with Rhebo Industrial Protector

- ✔ **CREATE DEEP VISIBILITY OF YOUR INDUSTRIAL CONTROL SYSTEM** through continuous real-time analysis down to the protocol value level.
- ✔ **IMPLEMENT MITIGATION MEASURES SWIFTLY** through detailed forensic data and risk assessment of incidents.
- ✔ **PREVENT MALFUNCTIONING AND BLACKOUTS** by detecting malware, attacks, manipulation and error conditions.
- ✔ **PROTECT REMOTE SITES** through central monitoring of the entire ICS.
- ✔ **COMPLY TO REPORTING AND STATE OF TECHNOLOGY REQUIREMENTS** by fully documenting security incidents.
- ✔ **PROTECT COMPANY PROFITS** through continuous risk analysis and hazard prevention.

Security and Condition Monitoring of Industrial Control Systems

The connection to Internet services, remote access points and the lack of security by design of industrial components increase the risk of malfunctions, manipulation via remote access, cyber attacks and technical errors in the ICS. The industrial network monitoring system Rhebo Industrial Protector monitors all communication within an industrial control systems (ICS). The system learns the communication pattern of normal operation within a very short time. Subsequently, the communication is continuously analyzed down to the level of the frame contents using deep-packet inspection driven

anomaly detection. Any deviation from the regular communication pattern is reported in real-time as an anomaly. Analysis and reporting are entirely non-reactive and passive, preventing the overload or disturbance of the ICS processes. The network monitoring detects and reports both processes relevant for cyber security and technical error states. Risk assessment, network maps, raw data storage, filters and interface integration support the efficient analysis and mitigation of attacks and errors. Thus, operators and security experts can actively react to risks, prevent disruptions and protect supply.



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Explore our Industrial Security solutions



[➤ Rhebo Industrial Protector Spec Sheet](#) [➤ Rhebo Industry 4.0 Stability and Security Audit](#) [➤ Rhebo ReadyNow Managed Services](#)

About Rhebo

Rhebo is the only company providing cybersecurity as well as stability for industrial control systems (ICS) in industrial and critical infrastructure companies. The German company's solutions monitor all communication within the ICS, and reliably report attacks, vulnerabilities as well as technical error states. Thus, Rhebo supports operators of ICS to increase cybersecurity, productivity and availability of

their systems and plants, and to safeguard the digital transformation of their processes. In this role, the company is actively involved in the Alliance for Cyber Security of the Federal Office for Information Security (BSI), the Teletrust - Bundesverband IT-Sicherheit e.V. and the Bitkom Security Management Working Group to develop standards and technical guidance.