Press Release

Softing Industrial

Softing's Monitoring Solution plantPerfect Monitor 2.00 Now with PROFINET Support

Central monitoring of PROFIBUS and PROFINET networks in a single application

Haar near Munich/Germany, May 26, 2026 – Softing Industrial Automation announces the official availability of plantPerfect Monitor 2.00. In addition to PROFIBUS, plantPerfect Monitor now also supports PROFINET, expanding its range of applications to Ethernet-based communication infrastructures.

With this enhancement, Softing addresses the increasing adoption of hybrid communication structures in industrial environments. Users can now centrally monitor and analyze both traditional fieldbus and Ethernet-based networks within a single application.

PROFINET complements proven PROFIBUS functionality

The new PROFINET support expands the existing PROFIBUS functionality with additional diagnostic, topology, and device data. As a result, plantPerfect Monitor evolves into a centralized platform for monitoring hybrid communication networks.

Users benefit from enhanced analysis capabilities and end-to-end transparency across mixed network structures within a single application.

Detect issues early instead of reacting later

plantPerfect Monitor continuously collects condition, diagnostic, and statistical data from communication networks and provides it centrally. Changes within the network, such as increasing error rates or unstable

connections, become visible at an early stage. This enables users to detect issues before they result in unplanned downtime.

The solution thus supports the transition from reactive troubleshooting to condition-based maintenance.

Transparency across networks and devices

With its web-based user interface, the software provides a centralized overview of all monitored networks and components. A live inventory that is automatically updated displays connected devices, their status, and relevant diagnostic data. This simplifies troubleshooting and reduces downtime.

Turning network data into informed decisions

By continuously storing all network and device data in an integrated database, plantPerfect Monitor transforms raw data into actionable insights.

Historical analyses and trend information help maintenance teams plan service activities more effectively and identify weak points within the network infrastructure.

Supporting cybersecurity and compliance

Through continuous inventory management of devices and network structures, plantPerfect Monitor creates transparency for security concepts and audits. This makes the solution an important building block for implementing modern cybersecurity strategies in production environments.

Interaction with smartLink

plantPerfect Monitor works together with Softing's smartLink components, which act as the central data interface between the field network and the monitoring application.

These devices collect diagnostic and device data directly from PROFIBUS and PROFINET systems and transfer it to the monitoring software via a dedicated MQTT interface.

Flexible architecture for different deployment scenarios

Thanks to its container-based architecture, plantPerfect Monitor can be flexibly integrated into existing IT and OT environments. The solution can be deployed both locally and in virtualized or Docker-based infrastructures.

A scalable licensing model allows the solution to be adapted to different plant sizes and requirements.

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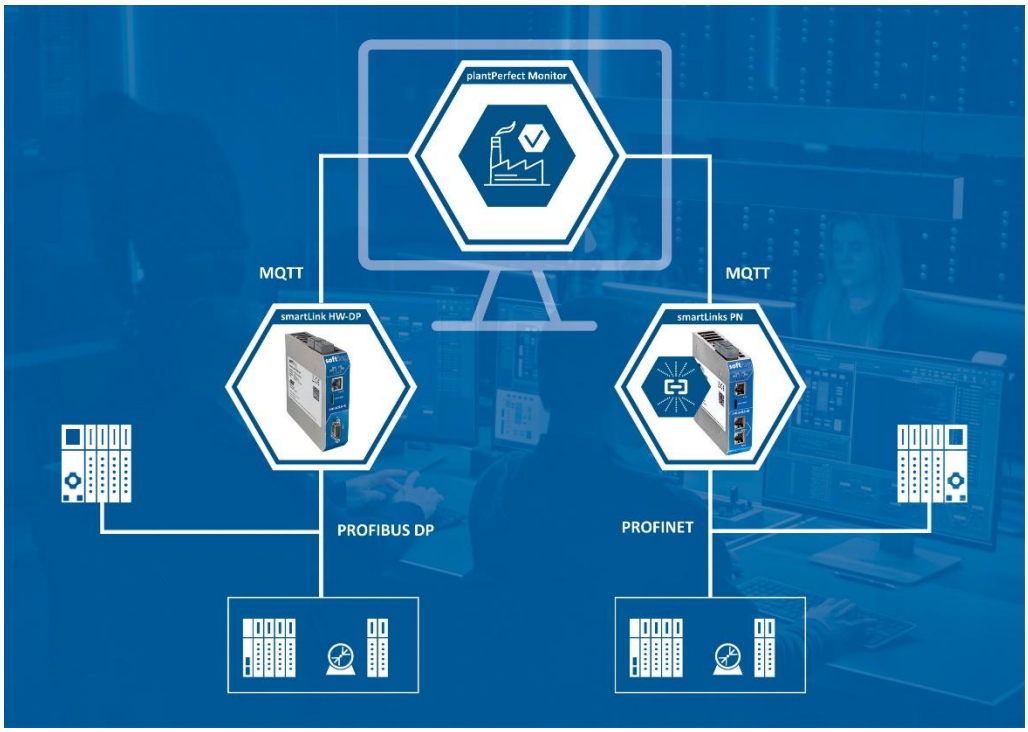

Caption: plantPerfect Monitor enables centralized monitoring of PROFIBUS and PROFINET networks (Source: Softing Industrial)

Deep links:

https://industrial.softing.com/products/network-management-tools/plantperfect-monitor.html

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About Softing Industrial

With more than 40 years of experience, Softing Industrial Automation specializes in integrating and optimizing digital data communication in industrial environments. Its products ensure reliable and secure data flow from the OT level to IT systems, edge, and cloud applications. This enables customers to increase efficiency, reliability, and security of their industrial processes.
https://industrial.softing.com

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