

TAS Edge Complements TURCK's IIoT and Service Platform

TAS Edge efficiently collects, processes, and transmits OT data to IT and cloud systems for transparent and scalable processes

Mülheim, June 25, 2026 – TURCK is expanding its IIoT and service platform, the TURCK Automation Suite, with the TAS Edge module for the structured collection, processing, and forwarding of machine data. TAS Edge can run on edge controllers such as TURCK's TX-series HMIs or systems running Windows or Linux. The solution collects OT data at the machine, processes the information, and makes it available via an external MQTT broker or directly to cloud, analytics, and IT systems. This creates a consistent data foundation for end-to-end industrial data flows, even in heterogeneous system landscapes and retrofit scenarios.

TAS Edge also simplifies the integration of IO-Link devices through a web-based configuration interface, IODD files, and templates. Users can configure the collection and forwarding of device data without any programming effort. For more complex requirements, a low-code environment based on Node-RED is available. Features such as a central connection manager, integrated MQTT communication, and certificate management enable transparent data transfer between OT and IT systems. Status indicators, monitoring mechanisms, and live views support ongoing operations. In upcoming releases, TAS Edge will expand its data collection capabilities to include digital, analog, RFID, and roller motor data.

The software provides selected machine data for dashboards, reports, and analyses. Typical applications include plant engineering, machine integration, and the retrofitting of existing systems. TAS Edge supports both individual machines and complex plant structures and enables reproducible and documentable configurations.

PRESS RELEASE 08/26



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TAS Edge expands the TURCK Automation Suite and connects machines, data sources, and IT systems via standardized templates and interfaces

FURTHER INFORMATION

<https://www.turck.com/de/en/spotlight/product-news/tas-edge-complements-turck-s-iiot-and-service-platform>

PRESS CONTACT

Klaus Albers
Director Marketing Services & Public Relations
Phone: +49 208 4952-149
Mail: klaus.albers@turck.com
Web: www.turck.com/press

CONTACT

TURCK GmbH
Witzlebenstraße 7
45472 Mülheim an der Ruhr, Germany
Mail: more@turck.com
Web: www.turck.com

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