

Softing Industrial Expands dataFEED OPC Suite: New Security Features for Siemens Connectivity in Version 5.50

Secure Siemens connectivity with user authentication and TLS – now available in dataFEED OPC Suite 5.50.

Haar, July 2, 2025 – Softing Industrial announces the release of version 5.50 of its proven dataFEED OPC Suite Extended. The industrial data integration software now includes enhanced features for seamless and secure communication with Siemens controllers. These new functions ensure full support for user authentication in TIA Portal environments.

Enhanced Security Features for Siemens SIMATIC and SINUMERIK

With version 5.50, Softing has added further security mechanisms for communication with Siemens SIMATIC S7-1200, S7-1500, and SINUMERIK One controllers. In addition to TLS encryption and password protection, the OPC Suite now supports user management using usernames and passwords. Softing is currently the first provider among the leading middleware vendors to implement the complete TIA Portal security feature set – a key advantage for companies with increased IT/OT security requirements.

Maximum Investment Protection

The new functionality is included in all existing licenses covering Siemens PLC or CNC connectivity – no additional license is required. Customers also benefit from free software updates within major releases, as well as complimentary product support and license replacement. The one-time licensing model offers long-term planning security at an optimal price-performance ratio.

Easy-to-Use, Powerful, and Future-Proof

The dataFEED OPC Suite Extended combines OPC UA communication, classic OPC, IoT protocols such as MQTT, and modern data storage solutions into one unified platform. It enables seamless connectivity between controllers and cloud, big data, or MES systems. Features like the integrated MQTT publisher and the Store & Forward function for OPC UA improve the robustness and flexibility of data transmission, especially in distributed or unstable networks.

Users benefit from the intuitive interface ("Easy to Use") and wide protocol support, which includes ABB Freelance, B&R controllers, and FANUC.

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Image



Caption: dataFEED OPC Suite now with TLS encryption and user authentication for Siemens SIMATIC and SINUMERIK (Source: Softing Industrial)

Meta Title:

dataFEED OPC Suite 5.80: Enhanced Security for Siemens Connectivity

Meta Description:

Softing expands dataFEED OPC Suite 5.80 with security features like user

login, TLS encryption, and OPC UA Store & Forward for secure Siemens connectivity.

Keywords:

dataFEED OPC Suite, Siemens connectivity, Siemens user authentication, TIA Portal security, Siemens SIMATIC S7-1200, Siemens S7-1500 TLS, industrial data integration

Deeplinks:

<https://industrial.softing.com/>

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About Softing Industrial

Softing connects disparate automation components to feed data from the shop floor to the cloud for control and analytics. The company's products enable communications networks to be monitored and diagnosed to ensure a reliable flow of data, thereby creating the basis for optimizing production processes. For more information, please visit <https://industrial.softing.com>

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