netLINK SCADA

SIMATIC S7® Web Visualization in a Connector

Highlights

- **For direct mounting on S7 MPI or PROFIBUS interface**
- **Visualizes with standard web browsers**
- **Import of variables directly from a STEP7® project**
- **Additional 24 V powering for any installation site**
- **Ethernet port for simple integration into the office/plant network**

netLINK SCADA visualizes and controls SIMATIC S7® PLCs via ordinary web browsers by its integrated web visualization. The plug is directly mounted onto the MPI or PROFIBUS interface of the PLC or is connected anywhere to the network along the bus line. Its ethernet socket directly links with the existing office/plant ethernet network. Whether it's a machine-close installation at a control panel, mobile via a hand held or world wide over the internet, by the used web technology netLINK SCADA integrates seamlessly into all established IT structures easily.

With netLINK SCADA the classic separation of controller and visualization unit is a thing of the past. The connector's unique form factor merges both systems together without a need of further space in the cabinet or additional installation material. The PROFIBUS/MPI communication signals are fed through making the connector transparent in the network to enable lined network topologies still. The connector is power supplied either directly from the PLC via the DSub connector or externally by additional 24 V.

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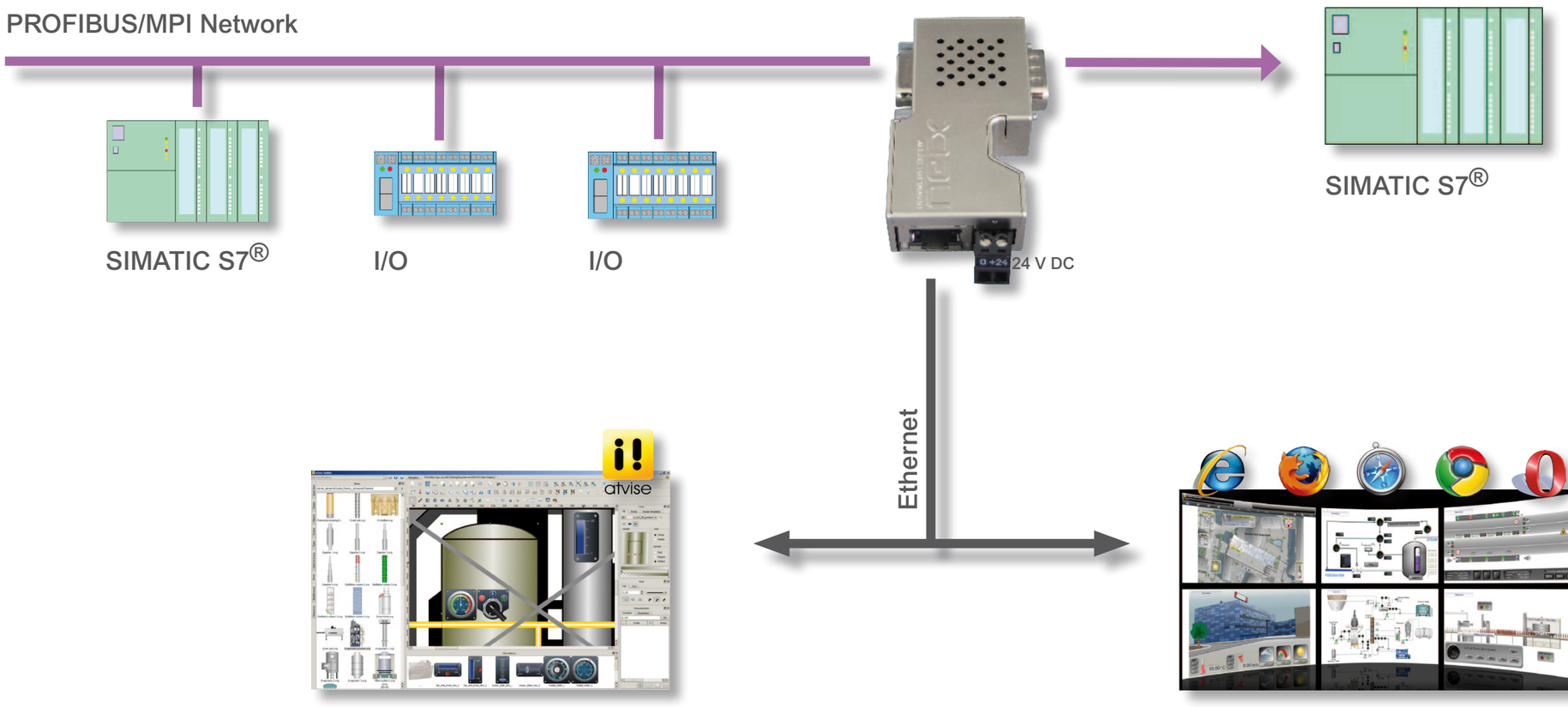
COMPETENCE IN COMMUNICATION

Web visualization for SIMATIC S7® in a Connector



1. Mount netLINK
2. Connect Ethernet
3. Build Visualization
4. Display Data

✓ READY

The whole visualization project inclusive all graphics is stored permanently on the plug and made available via standard FTP/HTTP web accesses. For displaying any of the free standard browsers like Internet Explorer or Firefox can be used making you 100% visualization platform independent. Special plugins like Java®, ActiveX or Flash® are not required.

The on-site data preparation at the PLC and multi channel support allows to visualize from different stations the same time. An event driven mechanism triggers the browser only when data changes holding the network traffic always low. The visualization project is set up and built with the delivery included builder and drawing tool. By just some mouse clicks a professional visualization project is created in minutes. All common picture formats like BMP, JPG or TIF are supported. A high-end vector graphics library is available on order. Its elements impress with variety and richness of detail while consuming least memory the same time.

The available PLC symbols are imported into the builder tool from existing STEP7® projects forming the data basis of all indicating or control elements in the visualization project. When an element is placed a simple symbolic assignment configures the data source.

netLINK SCADA sets new benchmarks in the S7 world of visualizations. No license royalties to be paid, completely unbounded in the display location and usable with well-known web techniques. Easier, more cost-effective and professional a SIMATIC S7® can't be visualized and controlled today.

Technical Data/ Product Overview

Technical Data

Parameter	Value
Processor	netX 50
Power Supply	18 … 30 V / ca. 60 mA @ 24 V
Supply	Mini COMBICON 2-pin externally or via S7 DSub-9 MPI/PROFIBUS
Interfaces	Fast Ethernet 10/100 BASE-TX, PROFIBUS/ MPI 12 MBaud IEC 61158
Indicators	SYS, COM, ACT, LNK
Operating Temperature	0 … 50 °C
Dimensions (L x W xH)	65 mm x 48 mm x 16 mm
Weight	ca. 40 g
CE Sign	yes
Emission	CISPR 11 class A
Web Application Memory	3 MB
PLC Types	SIMATIC S7® 300,400 CPU/CPs with PROFIBUS or MPI interface

Parameter	Value
PLC Connections	to maximum 32 PLCs in parallel
PROFIBUS/MPI Baud rate	Auto-Baud Detection, 9.6 KBaud to 12 MBaud
FTP Server	RFC 959, Port 21
HTTP Server	RFC 2616 HTTP/1.1, Port 80
HTTP Methods	GET, HEAD, POST
Webbrowser	any Browser with SVG, Internet Explorer 6 SP2, 7, 8; Mozilla Firefox1.5, 2.x, 3.x; Safari 3.x, 4.x; Chrome 1.x, Opera 8.5, 9.5+
Browser Connections	browser specific, 24 sockets available
Web Visualization	atvise® webMI by CERTEC

Note: *All technical data can be altered without notice.*
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atvise® is a registered trademark of CERTEC GmbH.

Overview

Article Description	Article Number	Article
NL 50N-MPI-ATVISE	1701.431	netLINK 50 MPI Ethernet incl. Web-Visu atvise®
ATVISE ELEMENTS	1701.432	Vector Graphics-Library for Industrial Areas

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