

INCOSOL S7A [Siemens S7]

OPC DA AND UA SERVER FOR THE S7 FAMILY

The high performing communication solution for the entire SIEMENS S7 product line including the current S7-1200/1500 range.

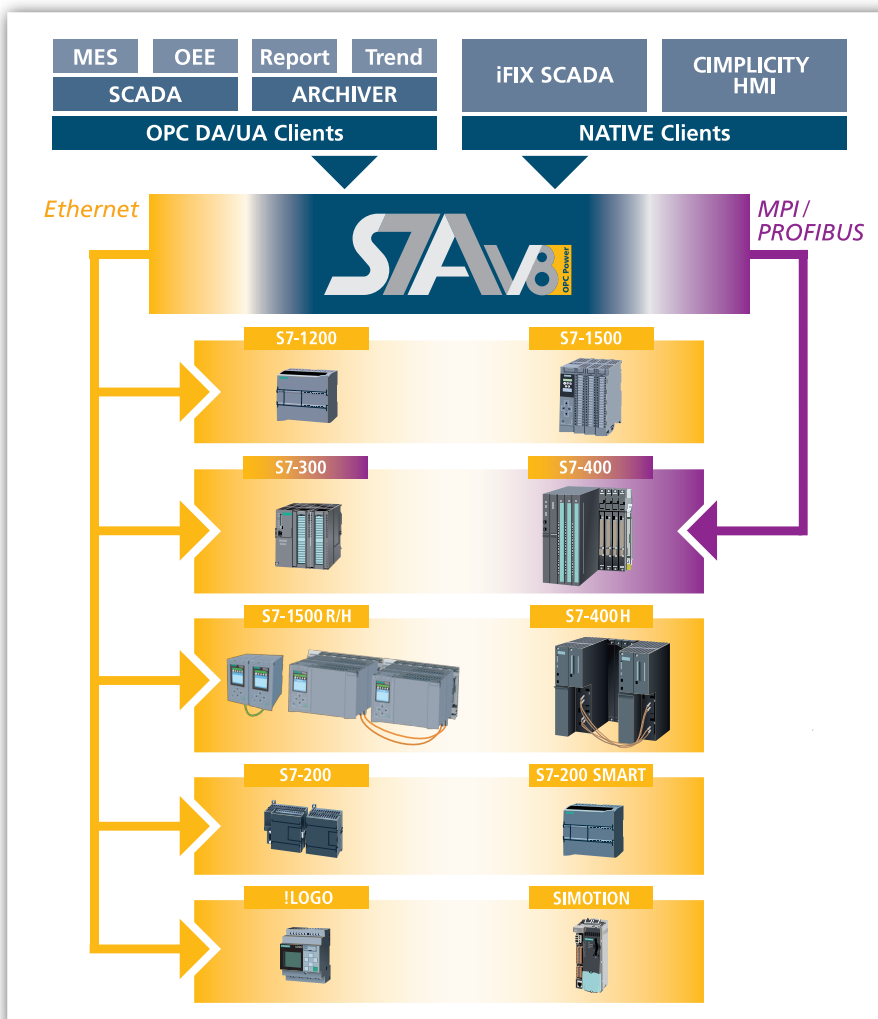
The driver's speedy and intuitive configuration, compatibility with the entire S7 product portfolio and the symbolic addressing function for the current S7-1200/1500 line makes INCOSOL S7A stand out.

There are also many features, especially for power users, like the block transfer of recipes in batch production processes, the processing of S7 alarms, PLC redundancy and detailed diagnostic options.

The installation is quick and easy. It takes only several minutes to create an operable online configuration. No additional software licensing is required.

Convincing performance and features. Reason enough for the INCOSOL S7A to be utilized in a wide range of branches of the industrial sector, the safety-relevant manufacturing of pharmaceuticals and the food industry, among others.

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You have questions?

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INCOSOL

industrial communication solutions

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INCOSOL S7A: At a glance

- Supports the entire S7 product line S7-300/400, S7-400H, S7-1200/1500, S7-1500R/H, S7-200 SMART, !LOGO and SIMOTION-D
- The symbol information needed for the symbolic addressing can be uploaded directly from the PLC or from the TIA project files
- Can be used as an OPC DA/UA server and iFIX/Cimplicity HMI driver at the same time
- One driver covers all S7 interfaces (Ethernet, MPI and PROFIBUS, including routing into sub-networks)
- No additional software licensing required
- Special features for power users:
 - Block transfer of prescription data
 - Processing of S7 alarms
 - PLC and network redundancy
- Extensive features for online and diagnosis functionality facilitate setup and troubleshooting

INCOSOL S7A: Licensing and Support

- One-time licensing with unlimited right of use
- Base license allows classic/physical addressing
- Symbolic addressing and OPC UA Server via license option
- Can also be used within virtualized systems
- Maintenance agreement including complimentary updates
- Ongoing development and long-term support
- Personal communication with the developer

INCOSOL S7A: Usage on a daily basis with

- Pirelli
- Unilever
- Bosch
- Danone
- RWE

As well as numerous other companies throughout the world in over 50 countries!

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INCOSOL S7A: Technical Features

Supported Software and Interfaces

- Runs with Windows 10/11 (also Enterprise LTSC), Server 2016, 2019 and 2022
- OPC DA and UA Server
- iFIX, all versions up to iFIX 2024 ¹⁾
- Cimplicity HMI versions 9.5 up to 12.0 ¹⁾
- All HMI/SCADA systems that provide an OPC DA/UA client interface
- TIA V14, V15.1, V16, V17, V18 and V19 as a symbol source for S7-1200/1500
- Simotion Scout as of V4.3 as a symbol source for SIMOTION-D

Supported Hardware

- Supports the entire SIEMENS S7 product line
- S7-300/400/1200/1500 with physical addressing
- S7-1200/1500 with symbolic addressing
- !LOGO small controller
- S7-200 SMART
- S7-400H and S7-1500R/H redundancy systems
- SIMOTION-D Controller
- S5 via TCP/IP CP or S5-LAN++ gateway

1) For implementation under GE's Proficy products iFIX and Cimplicity HMI, the INCOSOL S7A also has direct, high performing interfaces available. These internal interfaces provide substantial performance benefits in comparison to an OPC server-client connections, especially, when it comes to large applications with tens of thousands of data points.

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