OPC Server Ethernet
All-in-One OPC Server for the most important industrial protocols

Multi protocol OPC Server
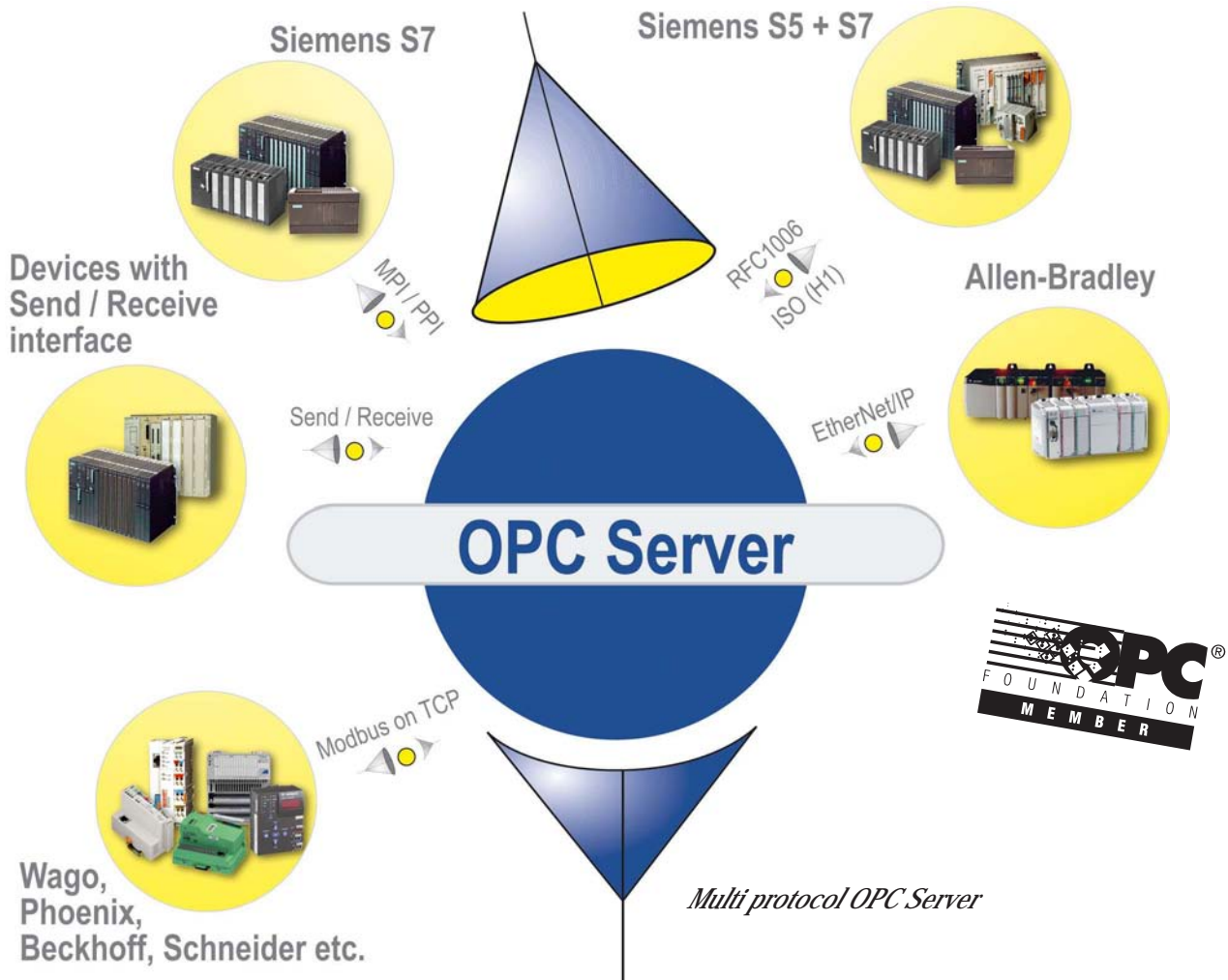
What EtherNet/IP is to Rockwell is what TCP/IP with the expansion RFC1006 is to Siemens. In contrast, Ethernet means Modbus on TCP to Schneider and Wago.
Thanks to OPC, today all applications (visualization, Scada...) can be combined with all hardware.
But stop and think: the more heterogeneous the system, the more OPC servers are needed. And that can become expensiv!

The all-in-one Ethernet OPC server TCPIPH1 offers all features. In addition to the Siemens S7 and S5 protocols via TCP/IP and H1, it handles the Modbus on TCP protocol which is used, for example, with the Ethernet interfaces of Schneider, Wago, Beckhoff, Phoenix Contact and so on. In addition the server communicates with the Allen-Bradley controllers of Rockwell Automation via the EtherNet/IP protocol. For devices which do not support any of the above protocols, data can be transmitted via Send / Receive communication.

Special Features:

- Universal server for all visualizations based on OPC specification versions 1.x and 2.0

- Measurement data logging, data archieving, operating data logging, statistics

- No limitation of number of connections, no limitation of number of tags

- Link your visualization system to a heterogeneous network TCP/IP, ISO on TCP (RFC1006), ISO (H1), Modbus on TCP, EtherNet/IP (Allen-Bradley)

- Access to Ethernet devices from INAT, Siemens, Rockwell Automation, Schneider Electric, Wago etc.

- NEW: Easy import of Step 7 symbolic names directly from the Step 7 project

- Send / Receive for communications via the socket interface (raw data)

- Easy implementation with symbolic addressing (Alias Browsing)

- Supported Item syntax: INAT, Siemens, Applicom

- Works with NetLink and IBHLink

- High reliability, requires less system ressources

- Optimizes OPC communications by the comparison of new / old data in the OPC Server

- A cumulative frame list reduces writing to the PLC

- Clearly arranged list of all parameterized connections with status display of runtime parameters

- Static and dynamic tags

- Easy licensing via licence request code or dongle

- Supported Standards:
OPC DA 1.x, OPC DA 2.0-2.05, DDE, FastDDE, AdvancedDDE, CF-Text

- Supported Standard Items:
Data Blocks, Flag Bytes, Input Bytes, Output Bytes, Counters,Timer, Peripheral Input and Output Bytes

- OPC data types:
VT_BOOL, VT_BSTR, VT_I2,VT_I4, VT_UI1, VT_UI2, VT_UI4, VT_R4, DATE, DATE_TIME

- Provides comma as well as point expression (DB5,W0 resp. DB5.W2)

All OPC servers at a glance:

Supported Protocols	INAT OPC Server					
	TCPIPH1	TCPIP-S	TCPIP-I	Modbus	H1	Allen-Bradley
S7 Protocol	✔	✔	✔	—	✔	—
S5-AP	✔	✔	✔	—	✔	—
TCP/IP with RFC1006	✔	✔	—	—	—	—
TCP/IP with PLC Header	✔	✔	✔	—	—	—
Modbus on TCP	✔	—	—	✔	—	—
EtherNet/IP	✔	—	—	—	—	✔
TCP/IP	✔	✔	✔	✔	—	✔
ISO (H1)	✔	—	—	—	✔	—
Send / Receive	✔	✔	✔	✔	✔	✔
NetLink	✔	✔	✔	✔	—	—

Order Data

OPC server Ethernet, Single user license

Product:	Order number:
OPC Server TCPIPH1	100-3100-01
USB dongle	990-3100-01
Upgrade	100-3100-Upg
OPC Server H1	100-3110-01
USB dongle	990-3110-01
Upgrade	100-3110-Upg
OPC Server TCPIP-S	100-3120-01
USB dongle	990-3120-01
Upgrade	100-3120-Upg

Product:	Order number:
OPC Server TCPIP-I	100-3150-01
USB dongle	990-3150-03
Upgrade	100-3150-Upg
OPC Server Modbus	100-3140-01
USB dongle	990-3140-03
Upgrade	100-3140-Upg
OPC Server Allen-Br.	100-3160-01
USB dongle	990-3160-03
Upgrade	100-3160-Upg

First testing, then licensing

INAT