

YYO 300: EY3600 novaNet OPC Server

The **novaNet OPC Server** for EY3600 is a driver with the standardised OPC interface (OPC = OLE for Process Control) for integrating Sauter EY3600 automation stations (AS) into a visualisation program (SCADA, HMI) with OPC client functionality.

The OPC server is designed in accordance with the OPC Data Access 2.0 (OPC DA 2.0) specifications. Data exchange – e.g. for status changes, switching commands, measured values, setpoints and HDB inquiries – is carried out via **novaNet291** router with automation stations on the novaNet. Connection is effected either with the **novaNet291** router direct at the serial port (EIA-232) or via modem for novaNet island mode. The driver software also includes an **ActiveX** component which enables the **EY3600 AS time programmes** to be visualised and parameterised easily, and can be integrated into the visualisation software.



T10532

Type	Description	Languages
YYO 300 F010	novaNet OPC Server for EY3600	Ger., Engl., Fre.

Accessories

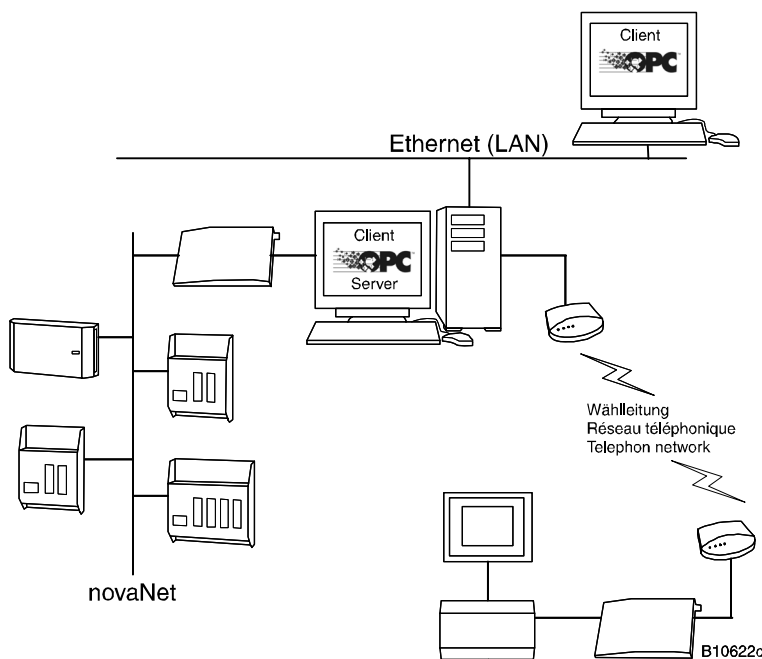
EYZ 291 F001 novaNet291 Router; see PDS 96.691

Engineering notes

The **novaNet OPC Server** fulfils the OPC DA 2.0 specifications and also works as a remote OPC server via DCOM. It can be used only as "OutProc" server. A **novaNet OPC server** can have up to sixteen **novaNet291** routers each connected direct to one serial port. With regard to modem connections, there is no restriction on the number of **EY3600 novaNet** islands. The EY3600 novaNet specifications that are generally in use are applicable.

Topology:

The next picture shows a possible EY3600 system topology with a novaNet OPC Server.



The novaNet OPC Server is independent of the Windows operating system language. Any code words used to parameterise the novaNet OPC Server are in English and are explained in the manual. The driver software is license-protected with a USB dongle. The ActiveX components for the time programme are available in English and French.

The **novaNet OPC Server** can be used with OPC clients specified according to OPC DA 2.0 (e.g. Panorama 7 or 8, Panorama E², iFix, PCVue32). Fr. Sauter AG recommends the use of the 'native' EY3600 driver with novaPro Open and novaPro.

Further information can be found in the manual entitled **novaNet OPC Server** for EY3600

Additional technical specifications

Requirements

Processor:	Intel Pentium III 450 MHz or higher
RAM:	256 MB (512 MB recommended)
Hard disk:	min. 5 GB (installed software approx. 5 MB)
CD drive:	for the installation
Ports:	1 mouse at least 1 serial RS-232 port 1 network connection 1 USB port for licence dongle
Operating system:	Microsoft Windows 2000/XP Professional, Windows Server 2000/2003
Application software:	OPC client software with (optional) ActiveX Container functionality