

New Version 2.0 – Softing Modbus OPC Server including web diagnostics, ActiveX controls & OPC tunnel

July 15, 2008 — The new version 2.0 of the Modbus/TCP OPC Server from Softing now offers even greater functionality and an even higher level of user comfort. What's more: it is now available for Windows Vista and Server 2008 as well. The OPC Server offers quick and convenient access to the I/O registers and coils of any Modbus/TCP device. An extra bonus of Softing's product is its ability to act as Modbus client and Modbus server at the same time. This product can help greatly reduce your system design costs with an installation time of only one minute, a simple and intuitive user interface, and the ability to import the configuration from Excel. Support for symbolic variable names makes it easier to produce a clear system design with direct reference to the actual equipment.



An integrated Web server provides (remote) diagnostics and visualization of process data and states via a standard Web browser. Reading and writing the Modbus data in Visual Basic, Excel, and any SCADA system is very easy using the supplied OPC ActiveX Controls. The integrated, server-side OPC tunnel also allows secure and efficient remote access to controller data without using DCOM - even through firewalls. Additional system security is provided by configurable access control based on user name and password.

Area of application

The Modbus/TCP OPC Server offers quick and convenient access to the I/O registers and coils of any Modbus/TCP device or control system. The OPC Server is easy to operate, extremely powerful and can be flexibly assigned both as a Modbus client and server. It offers the following advantages:

- Full OPC compliance
- Fast start-up due to intuitive user guidance
- Time- and cost-saving commissioning by importing the configuration from Microsoft Excel
- Integrated Web server for diagnosis and visualization through a standard Web browser

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Functions

- Quick and convenient access to any Modbus device or control system via Ethernet
- Supports all OPC client-enabled software incl. Citect, GE Cimplicity, GE Fanuc iFix, Iconics Genesis, Rockwell RSView, Siemens WinCC, Wonderware InTouch
- Clear information for project engineers with direct reference to the actual equipment provided by alias tags for OPC data points (items)
- Security is provided by monitoring communication connections to the Modbus devices.
- Protection against unallowed data access through configurable user authentication
- Optimized data throughput by intelligent summarizing of read- and write tasks, resulting in very high performance.
- Integrated Web server with extensive diagnostic possibilities
- Integrated Web server visualization
- Access of OPC XML-DA clients over the Internet or from non-Windows operating systems via OPC XML-DA interface
- Secure, high-performance remote access without DCOM through the integrated server-side OPC tunnel
- Complete OPC Client and OPC ActiveX controls with Excel, HTML and Visual Basic examples included in package

System requirements

- PC with Windows NT / 2000 / XP / 2003 Server / Vista / 2008 Server
- Ethernet access

Included in package

- CD-ROM with software and online help in German and English
- Getting Started brochure

Part no.

- OPC-MODB-TCP
SSoftware-based copy protection
- OPC-USB-1
Hardlock USB copy protection,
only in combination with OPC-MODB-TCP
- OPC-PAR-1
Hardlock parallel port copy protection,
only in combination with OPC-MODB-TCP

Read more at <http://www.softing.com/home/en/industrial-automation/products/opc/server/modbus-tcp.php>

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