

## DeviceXPlorer OPC Server

PRODUCTS	OS	CPU	MODULE	PRICE
- Mitsubishi - MELSEC OPC Server	Windows XP Windows 2003 Windows 2000	MELSEC-Q MELSEC-QnA MELSEC-A MELSEC-FX MELDAS C6/C64	Ethernet Unit Serial Communication Unit CPU Port GX Simulator MELSECNET CC-LINK PLC CPU Board PPC-CPU686	680USD
- Omron - SYSMAC OPC Server		SYSMAC-CJ SYSMAC-CS SYSMAC-CV SYSMAC-C	Ethernet Unit Serial Unit ControllerNet SysmacLink SysmacBoard CompoBus/D	780USD
- Yokogawa - FA-M3 OPC Server		FA-M3 (R)	Ethernet Unit PC Link Module CPU Port	680USD
- Hitachi - HIDIC OPC Server		HIDIC-EHV HIDIC-EH HIDIC-H	Ethernet Unit	780USD
- Jtekt (Toyoda) - TOYOPUC OPC Server		PC3JG PC3J PC2J	Ethernet Unit	780USD
MODBUS OPC Server		MODBUS/TCP MODBUS/ASCII MODBUS/RTU	MODBUS Compatible Unit (Slave Unit)	780USD

### Appendix

#### MELSEC OPC Server

- Ethernet/Serial/CPU-Port/Boards are supported.
- MELSEC device memory and buffer memory of special unit are also supported.
- Supports the same communication setting dialog as GX Developer.
- MELSEC-Q Redundancy System(QnPRHCPU) is also supported.

#### SYSMAC OPC Server

- Ethernet/Serial/FinsGateway are supported.
- FinsGateway 2003 is included in package.

#### FA-M3 OPC Server

- Ethernet/Serial/CPU-Port are supported.
- Supported the asynchronous communication for high performance.

#### HIDIC OPC Server

- Ethernet is supported.

#### TOYOPUC OPC Server

- Ethernet/CPU-Port are supported.
- Useful for high speed access with multiple access command.

#### MODBUS OPC Server

- Ethernet(MODBUS TCP), Serial(MODBUS ASCII/RTU) are supported.
- Run as MODBUS Master.



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The content will be revised without a previous notice in the future.

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# OPC Server

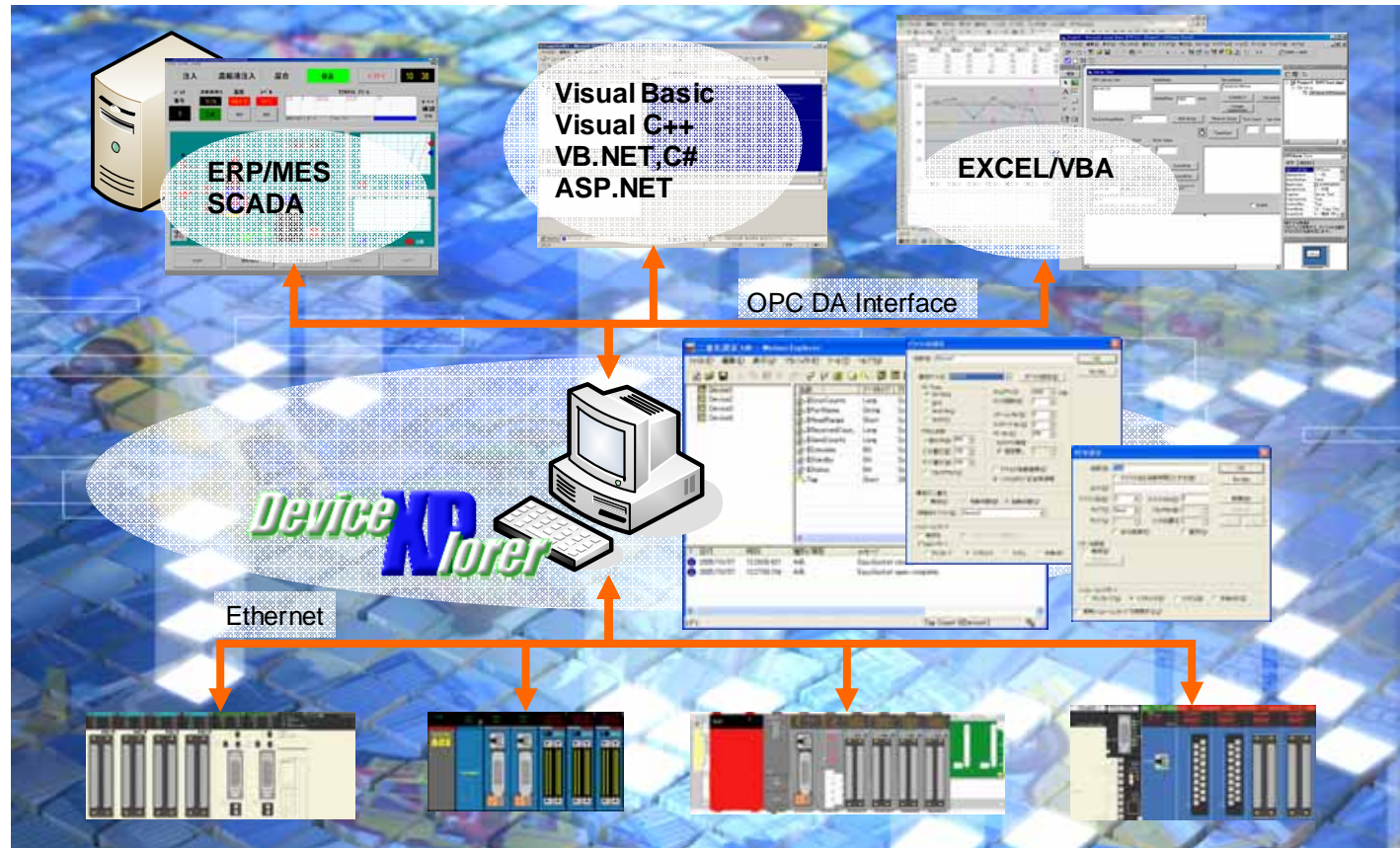
# DeviceXPlorer

OPC DA 3.00 Compatible



## What's DeviceXPlorer

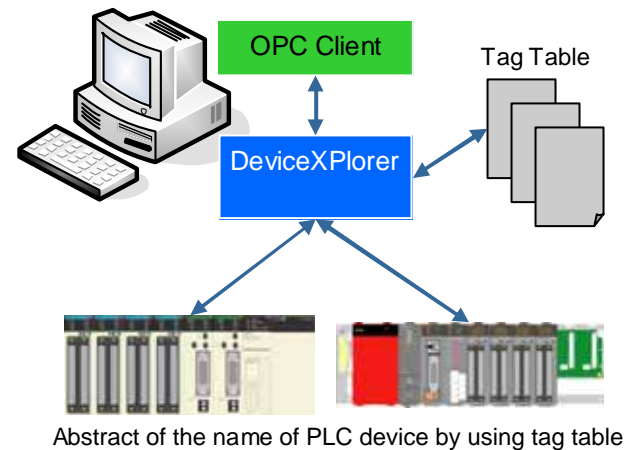
DeviceXPlorer is OPC data access server software corresponding to the PLC controller of each vendor and supports some interfaces and the protocols on Ethernet, Serial, and proprietary network, etc. It is compatible with all versions of the OPC Data Access. The system with a high flexibility that doesn't depend on the PLC vendor and the hardware composition by using DeviceXPlorer can be constructed.



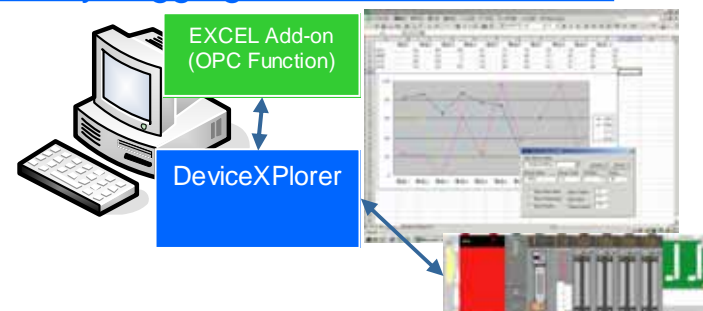
## USAGE

DeviceXPlorer is adapted in many uses such as the driver for SCADA, Logging System and Embedded System. In the case of using on Embedded system, you can draw out the advantage of OPC to the maximum by using the tag table of DeviceXPlorer. The tag table function replaces the name of PLC device with logical name. By using this function, OPC client application can access the PLC memory without specifying the physical name. This will be enabled to construct the flexible system which doesn't need to modify the application even if PLC type is changed in the future. DeviceXPlorer also supports dynamic tag name that is not to use the tag table.

## Multi-Vendor Connectivity



## Easy Logging



By using EXCEL Add-on software attached DeviceXPlorer, it is possible to read/write PLC data on the cell of EXCEL. You will easily access to PLC without any programming because this tool provides the macro for OPC.

## FEATURE

### OPCDA3.00 Compatible

DeviceXPlorer is compatible with OPC DA 3.00 and passed OPC Compliance Test. We also joined to Interoperability Workshop and proved the high connectivity.



### SCADA and Samples

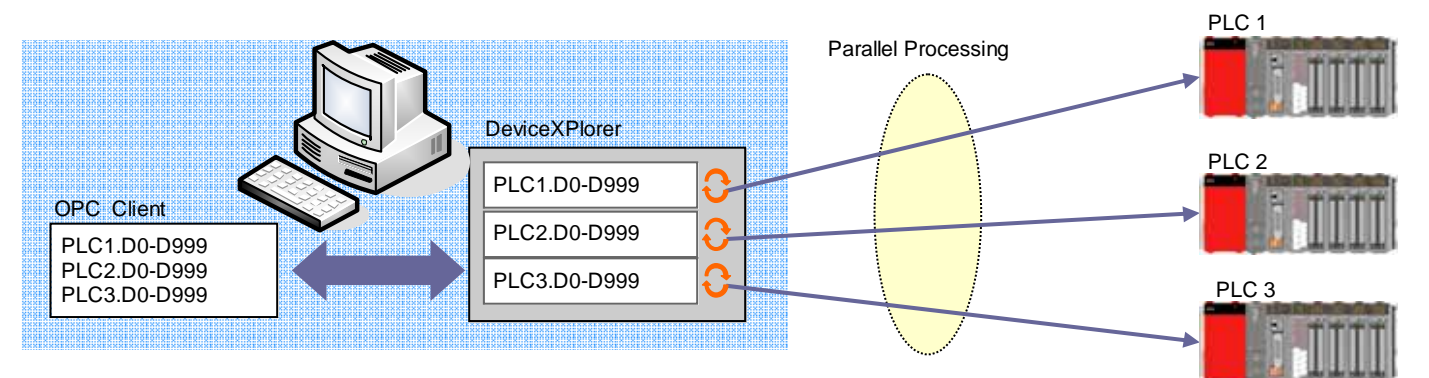
Ready to use SCADA/MES package software shown in following list. The samples (VB/VB.NET/C#/VBA) are provided to develop applications by customer easily.

OPC Interface	Sample Program
OPCDA Automation Interface	Visual Basic .NET, Visual Basic 6.0 EXCEL VBA
OPC Custom Interface (RCW)	Visual Basic .NET, Visual C# .NET

Vendor	Products
Wonderware	InTouch, InSQL, IAS
GE Fanuc	Cimplicity, iFix, iHistorian
OSIsoft	PI
Rockwell Automation	RSView, RS OPC Gateway
Yokogawa	ASTMAC
National Instruments	LabVIEW
ICONICS	Genesis32, GraphWorX32
SIEMENS	WinCC, ProTool/Pro
Citect	Citect5
Honeywell Inc	Uniformance PHD OPC RD1
Moravian Instruments	Control Web

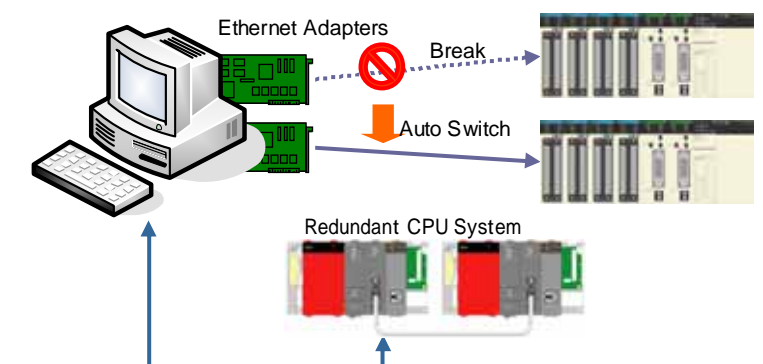
### Performance and Asynchronous

The performance is not decreased by using asynchronous mode even if the target PLC are added in system or even if communication error is occurred on a node.



### Redundancy Communication

DeviceXPlorer provides Redundancy Communication. It assigns two communication port to a device and automatically switches the port when communication error is occurred. You will continue to communicate without any care for the line switching.



### Others

#### Data Type

The data types such as discrete, word, double word, real, string, and array of each types are supported.

#### Scale Conversion

DeviceXPlorer has scale conversion function which is possible to convert the live data to engineering value.

#### Simulation Mode

Simulation mode is the function that you can access the server without PLC. This mode is available to configure on Device dialog and Tag dialog and will return value in four simulation patterns (Random, Ramp, Sine, Static.)

#### Windows Service Program

By running as Windows service program, you can prevent to shutdown the server by miss-operation.