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Software - PC WORX UA SERVER-PLC 80 - 2402686

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OPC UA server for communication with a maximum of 200 controllers

Product Description

The PC WORX UA SERVER provides the variables of controllers that have been programmed with PC Worx to all OPC UA clients. All variables are mapped in the server according to the PLCopen profile. The variable names are automatically synchronized from the current project. The server supports all security profiles via the binary profile, thereby enabling all access to be regulated. A user-friendly configurator guides you through the configuration of controllers and security settings. Diagnostic information regarding active communication can also be displayed from another computer using the configurator.

Why buy this product

- Standardized access according to the PLCopen information model for IEC 61131-3
- Detailed diagnostic features
- Direct access to all data types, arrays, and complex structures supported by PC Worx.
- Safety configuration with support from tools



Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 055626 119434 |

Technical data

License information

| | |
|---|---|
| Type of software | Runtime license |
| Type of license | Single-user license |
| Information regarding the type of license | License-free configurator. Server without license limited to one hour's runtime in demo mode |
| Information regarding the version | Valid for Version 1.0x (for features of older versions, please refer to the version information in the download area) |
| | The versions of devices, other software packages or the operating system must be kept up to date. |

Functions

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|-----------------|--|
| Basic functions | Data exchange according to DA profile spec 1.02 (2012) |
| | Security Policies: None, Basic128RSA15, Basic256 |
| | Message Security: Mode none, sign, sign&encrypt |

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Technical data

Functions

| | |
|-------------------------------------|--|
| | Communication profile according to the PC-based server via binary protocol using TCP/IP |
| | Easy access to arrays and structures |
| | Variable mapping according to PLCopen profile spec 1.00 |
| | Data exchange with up to 10 controllers |
| Supported controllers | ILC 1x1, AXC 1xxx, AXC 3xxx, PC WORX RT BASIC/SRT |
| Number of supported controllers | max. 200 |
| Number of OPC items | max. 100000 |
| Supported data types (standard) | BOOL, BYTE, INT, DINT, UINT, SINT, USINT, UDINT, WORD, DWORD, REAL, LREAL, STRING, TIME According to IEC 61709 |
| Supported data types (user-defined) | ARRAY OF, STRUCTS, ARRAY OF STRUCT, STRUCT in STRUCT according to IEC 61131 |

Hardware requirements

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|-------------|----------------------------|
| CPU | min. Intel® Core™ i7 |
| Interfaces | min. Gigabit Ethernet |
| Designation | PC Worx Version 6 or later |

Software requirements

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|-------------------|---|
| Operating systems | MS Windows® 7 (32-Bit/64-Bit) |
| | MS Windows® 8.1 (32-Bit/64-Bit) |
| Software platform | MS .NET Framework 4.5 required for the configurator |
| | MS .NET Framework 3.5 required for server licensing |

General information

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|---|--|
| Information regarding the system requirements | Note the individual properties and requirements of the devices. Should you have any questions, please contact the Support team directly or the relevant contact person in Sales. |
| Information regarding the update rate | Guaranteed update rates greatly depend on the selected controller, the control capacity, and the selected PC. |

Scope of delivery

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|-------------------|---|
| Scope of delivery | Packaging with license letter for single-user license (software via download) |
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Classifications

eCl@ss

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|------------|----------|
| eCl@ss 5.1 | 27242502 |
| eCl@ss 6.0 | 27242502 |
| eCl@ss 8.0 | 27242504 |

ETIM

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| ETIM 5.0 | EC002537 |
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