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OPC Server for Web-IO and serial communication

Many visualization systems for building and automation technology are able to exchange data using the OPC standard. The OPC server available here permits convenient incorporation of Com-Servers, Web-IOs, Web-Thermometers and Web-Graphs into such systems.

Date	Changes and comments	Revisions
July 4, 2019	<ul style="list-style-type: none"> Error fixed: In exceptional cases certain packet sizes could cause the OPC server to crash Error fixed: With Web Thermometers the status BAD (last known) could be briefly displayed unnecessarily Error fixed: Web-Thermometer polling optimized Error fixed: Analog Web-IO polling could result in freezing of the second channel 	4.78 EXE download (approx. 8.8 MB)
December 20, 2018	<ul style="list-style-type: none"> Count value detection when incorporating many Web-IO boxes 	4.76 EXE download (approx. 8.9 MB)
October 26, 2017	<ul style="list-style-type: none"> Supports Web-IO 4.0 #57734 	4.74 EXE download (approx. 8.9 MB)
September 7, 2017	<ul style="list-style-type: none"> HTTPS support The Properties dialog for I/O Server now also allows direct entry of a product number. The "Identify" button for I/O Server now tries inventorying on up to four connections at the same time: HTTP on Port 80, HTTPS on Port 443, also (if not already included in the two combinations) corresponding to the current user entries in the dialog and the live opened device data. The main advantage is that "Identify" can now also recognize when a device has been reconfigured from HTTP to HTTPS (or the reverse). 	4.73 EXE download (approx. 8.7 MB)
November 15, 2016	<ul style="list-style-type: none"> Support for current W&T devices Fixed: The HTTPS option for Web-IO was not stored Fixed: Selective disabling/enabling of the option checks and entry fields when scrolling the combobox was defective 	4.72 EXE download (approx. 8.7 MB)
September 10, 2015	<ul style="list-style-type: none"> Starting and stopping the OPC service also possible without Admin rights 	4.63 EXE download (approx. 5.6 MB)
March 23, 2015	<ul style="list-style-type: none"> Connection status available as an item 	4.62 EXE download (approx. 5.6 MB)
May 21, 2014	<ul style="list-style-type: none"> Support for W&T models #57620 and #57618 	4.60 EXE download (approx. 5.6 MB)
February 3, 2014	<ul style="list-style-type: none"> Item Quality when using Web-Thermographs remained "good" following connection faults Fixed decimal point counter states from Web-Counter were incorrectly processed 	4.57 MSI download (approx. 2.4 MB)
26.09.2013	<ul style="list-style-type: none"> Detection time for inactive devices reduced 	4.55 MSI download (approx. 2.4 MB)
March 21, 2013	<ul style="list-style-type: none"> Handling of counter items for Web-IO Digital after OPC server restart optimized 	4.53 MSI download (approx. 2.4 MB)
October 11, 2011	<ul style="list-style-type: none"> Combined installation package, German, English *msi download format Optional automatic configuration of OPC mode for Web-IO Digital 	4.51 MSI download (approx. 2.4 MB)
May 11, 2011	<ul style="list-style-type: none"> Support for W&T models #57630(M), #57631(M), #57634(M) (Models with 2MB memory recognizable by firmware starting from V3.xx / Feb 2011) 	4.44 ZIP download (approx. 1.530 kB)
November 3, 2010	<ul style="list-style-type: none"> Support for W&T models #57638 (ERP 2+2 PoE), #57655 (IP Watcher PoE), #57656 (Trap-Receiver) Optimized installation of the OPC server 	4.42 ZIP download (approx. 1,530 kB)
January 6, 2010	<ul style="list-style-type: none"> Items for counter values (Web-Count) optimized <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect</p>	4.34 ZIP download (approx. 1,700 kB)

Date	Changes and comments	Revisions
	<p>Changes of functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	
September 28, 2009	<ul style="list-style-type: none"> Supports W&T models Web-IO 6xl, 6xO, Digital Logger and Web-Thermograph Relay Optimizing for synchronous item matching in client access <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect the latter's functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	4.31 ZIP download (approx. 1,700 kB)
May 5, 2009	<ul style="list-style-type: none"> Support for the W&T Web-Count and Web-Alarm models Optimization for rejected connections to Web-IOs and Com-Servers <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect the latter's functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	4.25 ZIP download (approx. 1,700 kB)
August 19, 2008	<ul style="list-style-type: none"> Polling rate over the network can be limited (minimum requirement Web-IO Digital firmware 1.58/2.17) <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect the latter's functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	4.20 ZIP download (approx. 1,700 kB)
June 12, 2008	<ul style="list-style-type: none"> Improved reopening of the network connection to Web-IO Digital after infrastructure interruptions, e.g. for DSL connection (minimum requirement Web-IO Digital firmware 1.58/2.17) <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect the latter's functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	4.14 ZIP download (approx. 1,700 kB)
March 31, 2008	<ul style="list-style-type: none"> New: Additional support of the OPC standard <i>Alarms&Events</i> (for Com-Servers, Web-IO Digital and RFID Servers) Installation includes OPC system files Optimized Reconnect after connection interruptions Expansion of the Mini-OPC client for A&E <p>The OPC Server 4.xx is <i>not</i> a direct update for Versions 3.xx. It is installed as a <i>new</i> service with <i>new</i> Server-ID parallel to any existing older Version 3.xx and does not affect the latter's functionality. Detailed instructions (importing configuration profiles for Version 3.xx, converting OPC clients to new version, etc.) can be found in the online help.</p>	4.10 ZIP download (approx. 1,700 kB)
January 11, 2008	<ul style="list-style-type: none"> New architecture: The OPC server works as a background service with separate configuration program Support for OPC DA 3.0 (OPC Alarms&Events in development) New mapping concept for Web-IO Analog and Climate data Updated and expanded online help Various internal optimizations/changes <p>If when or after starting the OPC client a message appears that no OPC servers are available, the system may be missing the required OPC core components. You can download these in Version 3.00.102 here and install them. Alternately you can always find the most current version in the download area of the OPC Foundation at https://opcfoundation.org (OPC Core Components x.xx Redistributable).</p>	4.00 ZIP download (approx. 1,500 kB)
March 29, 2007	<ul style="list-style-type: none"> Supports new W&T devices: Web-IO, 12x Digital Input, 6x Digital Relay and Web-IO Thermohygrobarometer With the Web-IO Digital the command for setting outputs is not issued over the network until the output actually changes its state 	3.34 ZIP download (approx. 810 kB)
April 25, 2006	<ul style="list-style-type: none"> Installer change: Registers the program again in "App Paths" OPC server for very fast computers optimized Collision recognition over multiple sessions (e.g. under XP with fast user changing) NEW: OPC item names are now freely definable 	3.31 ZIP download (approx. 810 kB)
October 17, 2005	<ul style="list-style-type: none"> Clearer indication of started OPC servers Supports Web-IO Analog-In (V+A) Various corrections in the response for opening a connection to the Web-IO Digital Error eliminated: An OLE problem was erroneously reported when WinSock was not installed. 	3.19 ZIP download (approx. 809 kB)
May 12, 2005	<ul style="list-style-type: none"> Optimized reopening of the TCP connection after faults in the network infrastructure 	3.17 ZIP download (approx. 808 kB)
April 12, 2005	<ul style="list-style-type: none"> Supports EnOcean module type STM 250 (window magnet sensor) Errors corrected: EnOcean transceivers were mistakenly set for hardware handshake. Optimized: Connection to Web-IO Digital was opened delayed by one clock of the polling rate Optimized: Connection to Web-IO Digital was sometimes unnecessarily 	3.15 ZIP download (approx. 807 kB)

Date	Changes and comments	Revisions
February 9, 2005	<ul style="list-style-type: none"> • New file-based configuration concept in place of registry entries • NEW: Support for Web-Thermo-Hygrograph • NEW: Support for EnOcean-Com-Servers 	3.11 ZIP download (approx. 806 kB)
July 19, 2004	<ul style="list-style-type: none"> • Optimizing when writing variables when connections are faulty • Detailed error logging • Optimized window layout 	2.19 ZIP download (approx. 777 kB)
June 16, 2004	<ul style="list-style-type: none"> • Installation will now take place as an MSI package • Optimization of the self-registration 	2.17 ZIP download (approx. 765 kB)
April 23, 2004	<ul style="list-style-type: none"> • Functions for Web Thermometers added 	2.15 ZIP download (approx. 701 kB)
August 20, 2003	<ul style="list-style-type: none"> • Extended OPC server functions for Web-IO Digital (password protection and read-out of the counters) 	2.10 ZIP download (approx. 705 kB)
July 29, 2002	<ul style="list-style-type: none"> • When called by the client application, the OPC server starts invisibly in the background (protection against the user manipulating the application) 	2.08 ZIP download (approx. 627 kB)
April 9, 2002	<ul style="list-style-type: none"> • Error in the namespace browser rectified • VBA example revised 	2.07 ZIP download (approx. 625 kB)
August 20, 2001	OPC server for Windows NT/2000/95/98/Me	2.05 ZIP download (approx. 624 kB)



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