

Tools and sample programs:

Web-IO Digital

Management and commissioning

Name	Description	Download
WuTility	Management and inventorying tool for Com-Server and Web-IO products for Windows Active search for Web-IO products, Com-Servers and other W&T network components in the local subnet and display of all important information at a glance. Initial assignment of IP addresses, copying of entire configuration blocks, uploading of firmware updates and direct telnet access are some of the additional functions. more information...	Revision list EXE download (approx. 4.7 MB)
EasyTerm	Mini terminal program for Windows Small terminal program for the fast serial assignment of IP addresses to Web-IO products and Com-Servers.	ZIP download (approx. 190 kB)
SNMP MIB	Integration into a central network management system Integrate temperatures, door contacts or other displaced I/O points into your network management system. Beyond this, it is also possible to perform the configuration via SNMP.	Revision list
Test tool New	Test and demo program for Web-IO Digital (Windows) Enables access to the IOs through TCP/UDP sockets (ASCII and binary), HTTP requests, REST, Modbus TCP and SNMP	ZIP download (approx. 1.3 MB)

Tools for accessing Web-IO and Com-Servers by means of standard software

Name	Description	Download
Web-IO2Go	Android and iOS app for all Web-IO Digital, Web-IO Analog and Web-Thermographs more information...	
COM Port Redirector	Virtual COM-Ports for Windows Connect a Com-Server to the network, set up a virtual COM port on your system and your serial application is network-enabled - without programming a single line. more information...	Win NT and higher Go to download area 9x/ME Revision list
Companion tool	Variably assign IP addresses to virtual COM ports Replace the Com-Server assigned to a COM port in the system control panel without time-consuming configuration. Before starting the serial application, just select the desired Com-Server with a click and assign the COM port. Done!	Now a component of the COM Port Redirector
OPC server	The standard in industrial and building automation Nearly every display system supports OPC and hence also the integration of Web-IOs and Com-Servers.	Revision list
Modbus-TCP Client New	Access Web-IO Digital and Web-IO Analog through Modbus-TCP Universal Modbus-TCP client with free selection of function nodes and register addresses.	ZIP download (approx. 3 MB)

Name	Description	Download
SetOutput	<p>Switching the outputs from the command line</p> <p>With this little tool you can for example switch an output on a Web-IO Digital. The following parameters are used for invoking:</p> <pre>setoutput ip=IP-Address output=Output-No state=ON/OFF/TOGGLE pwd=Password port=HTTP-Port.</pre> <p>Example: setoutput ip=192.168.178.46 output=5 state=ON switches Output 5 on Web-IO 192.168.178.46 to ON.</p> <p>With Web-IO 4.0 products the Web-API must be enabled under communication paths and the outputs used must be enabled for switching</p>	ZIP download (approx. 2 MB)

Web application examples for Web-IO Digital using AJAX

Name	Description	Download
AJAX and PHP	<p>Application example for accessing inputs, outputs and counters</p> <p>To the application</p>	ZIP download (approx. 2 kB)
	<p>Application example for PHP access to inputs, outputs and counters</p> <p>To the application</p>	ZIP download (approx. 3 kB)
	<p>Application example for mashup programming - display values and states in Google Maps</p> <p>To the application</p>	ZIP download (approx. 3 kB)

Introduction to Web programming

Name	Description	Download
Workshop Web-IO	<p>Documentation and examples for the workshop</p> <p>Small-scale automation using a browser</p> <p>Introduction to programming of technical websites using HTML, JavaScript, AJAX including PHP</p>	ZIP download (approx. 8,000 kB)

Examples/source texts for programming your own applications

General examples for network programming in Visual Basic 5 and 6

Name	Description	Download
TCP client	<p>TCP client for sending and receiving data</p> <p>Simple application for opening a connection to the W&T Com-Server and receiving data from or sending data to it through the serial port.</p>	ZIP download (approx. 10 kB)
TCP server	<p>TCP server for sending and receiving data</p> <p>Simple application for accepting a connection from a W&T Com-Server in Client Mode and receiving data from or sending data to it through the serial port.</p>	ZIP download (approx. 10 kB)
TCP Server (Multi-Client)	<p>TCP server for Multiclient operation for receiving data</p> <p>Simple application for accepting connections from multiple W&T devices and displaying the received data there (e.g. for alarm messages from Web-IO Digital and Web-Thermograph devices).</p>	ZIP download (approx. 10 kB)
UDP Peer	<p>UDP peer for sending and receiving data</p> <p>Simple application for exchanging datagrams with a W&T Com-Server or receiving UDP alarm messages from Web-IO Digital and Web-Thermograph devices.</p>	ZIP download (approx. 10 kB)

Sample applications for the W&T Com-Server in Visual Basic 5 and 6

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Telcom Systems Client	TCP client for reading W&T telcom systems buffers using a Com-Server With this application you can read and store fee data from a W&T fee data buffer using a W&T Com-Server. This application can also be started via batch job by including the IP address and file name.	ZIP download (approx. 10 kB)

Sample applications for Web-IO Digital in Visual Basic 5 and 6

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General examples for network programming in Visual Basic.Net (VB2008/VB2010)

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TCP Server (Multi-Client)	TCP server for Multiclient operation for receiving data Simple application for accepting connections from multiple W&T devices and displaying the received data there (e.g. for alarm messages from Web-IO Digital and Web-Thermograph devices).	ZIP download (approx. 200 kB)
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General examples for network programming in Delphi 5

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General examples for network programming in Java

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Sample applications for Web-IO Digital in VBScript

Name	Description	Download
Script for Web-IO (ASCII/HTTP)	Control the outputs on a Web-IO Digital using simple scripts and batch jobs Simple script for controlling and monitoring the IOs on a Web-IO Digital 2xIn, 2xOut by exchanging command strings.	ZIP download (approx. 20 kB)

Sample applications for Web-IO Digital in Delphi.net

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Sample applications for Web-IO Digital in Lazarus / Free Pascal

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Sample applications for Web-IO Digital in Visual C and QT(Linux)

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