

Tools and sample programs:

Product overview 

## Serial Com-Servers

### Management and commissioning

Name	Description	Download
WuTility	<b>Management and inventorying for Com-Servers and Web-IO products under Windows XP/2003/Vista/2008/7/2008R2/8.x/10/2012/2012R2</b> 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.  <a href="#">more information...</a>	<a href="#">Revision list</a>  <a href="#">EXE download (approx. 5.2 MB)</a>
EasyTerm	<b>Mini terminal program for Windows 9x/NT/2000/XP/2003</b> Small terminal program for the fast serial assignment of IP addresses to Web-IO products and Com-Servers.	<a href="#">ZIP download (approx. 190 kB)</a>
ixWutil	<b>Management and inventorying for Com-Servers and Web-IO products under Linux (beta release)</b> 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.	<a href="#">RPM download (approx. 14 kB)</a>

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

Name	Description	Download
COM Port Redirector	<b>Virtual COM-Ports for Windows</b> Connect a Com-Server to the network, set up a virtual COM port on your system and your serial application is network-capable without having to write a single line of program. COM Port Redirectors are available for all Windows desktop systems from Windows 95 and later.  <a href="#">more information...</a>	<a href="#">Go to downloads</a>
Companion tool	<b>Variably assign IP addresses to virtual COM ports</b> 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!	Part of the standard installation of the COM Port Redirector
OPC server DA, A&E	<b>The standard in industrial and building automation</b> <b>*NEW VERSION as background service with A&amp;E support*</b> Nearly all visualization systems support OPC as a standard interface for incorporating external data sources. Simply mouse-click to integrate digital/analog measurement values from Web-IOs and serial Com-Server data into your SCADA projects.  <a href="#">more information...</a>	<a href="#">Revision list</a>  <a href="#">EXE download (approx. 8.7 MB)</a>
SNMP MIB	<b>Integration into a central network management system</b> 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.	<a href="#">Revision list</a>

### Sample programs for socket programming and developing your own applications

Name	Description	Download
Visual C++ 5.0/6.0	<b>TCP client, TCP server, UDP communication</b> Simple demo projects in Visual C++ borrowing from our book "TCP/IP-Ethernet and WEB-IO".	<a href="#">ZIP download (approx. 60 kB)</a>
Visual Basic and Delphi	<b>TCP client, TCP server, UDP communication</b> The VB and Delphi samples from our book "TCP/IP-Ethernet and WEB-IO"	<a href="#">ZIP download (approx. 390 kB)</a>
JAVA	<b>Demo for a TCP client, created using Borland JBuilder 4.0</b>	<a href="#">ZIP download (approx. 3 kB)</a>
Linux	<b>TCP client demo in Linux</b>	<a href="#">ZIP download (approx. 20 kB)</a>
SCO UNIX	<b>TCP client demo under SCO</b>	<a href="#">ZIP download (approx. 190 kB)</a>

<b>Visual Basic</b>	<b>Serial devices as a web server - the demo program</b> The demo for our application example "Your serial devices as web servers". Interpret and respond to HTTP requests from browsers.	<a href="#">Download</a> (approx. 10 kB)
<b>PHP</b>	<b>Make machines web-enabled</b>	<a href="#">ZIP download</a> (approx. 3 kB)



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