

Tools and sample programs:

## Serial Com-Servers

### Management and commissioning

Name	Description	Download
WuTility	<p><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></p> <p>Active search for Web-IO products, Com-Servers and other W&amp;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.</p> <p><a href="#">more information...</a></p>	<p><a href="#">Revision list</a></p> <p><a href="#">EXE download (approx. 4.7 MB)</a></p>
EasyTerm	<p><b>Mini terminal program for Windows 9x/NT/2000/XP/2003</b></p> <p>Small terminal program for the fast serial assignment of IP addresses to Web-IO products and Com-Servers.</p>	<p><a href="#">ZIP download (approx. 190 kB)</a></p>
ixWutil	<p><b>Management and inventorying for Com-Servers and Web-IO products under Linux (beta release)</b></p> <p>Active search for Web-IO products, Com-Servers and other W&amp;T network components in the local subnet and display of all important information at a glance. Initial assignment of IP addresses.</p>	<p><a href="#">RPM download (approx. 14 kB)</a></p>

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

Name	Description	Download
COM Port Redirector	<p><b>Virtual COM-Ports for Windows</b></p> <p>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.</p> <p><a href="#">more information...</a></p>	<p><a href="#">Go to downloads</a></p>
Companion tool	<p><b>Variably assign IP addresses to virtual COM ports</b></p> <p>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!</p>	<p>Part of the standard installation of the COM Port Redirector</p>
OPC server DA, A&E	<p><b>The standard in industrial and building automation</b></p> <p><b>*NEW VERSION as background service with A&amp;E support*</b></p> <p>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.</p> <p><a href="#">more information...</a></p>	<p><a href="#">Revision list</a></p> <p><a href="#">EXE download (approx. 8.7 MB)</a></p>
SNMP MIB	<p><b>Integration into a central network management system</b></p> <p>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.</p>	<p><a href="#">Revision list</a></p>

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

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