

Application overview

Com-Server and LAN Modem:

Integrate serial devices into the network - in a universal and flexible way -

Startup



W&T devices quickly
integrated into the network
using WuTility.

Transparent exchange

WLAN for hardwired
Ethernet devices

Use the WLAN Client Bridge
to incorporate remote
hardwired Ethernet islands
into the WLAN.

TTY Redirector - Redirect
TTY into the network

Make your serial Linux
application network-
compatible with pseudo-TTYs
and Com-Servers.

Network connection for
Logo!® Steuerung and
Display Logo!® TD

Com-Servers link Siemens Logo!®
controller and Display TD over the
Intra- or Internet - with virtually no
distance restriction.

S7-200 with PPI port on
Com-Server

Program up- and downloading
plus status over the network -
if needed over the Internet as
well.

W&T COM Port Redirector

Make your serial software
network-enabled without
changing a single line of code.

RS232 line driver from
Bonn to Berlin

Box-to-Box mode connects
any desired serial devices -
even worldwide.

Intranet and Internet applications

Publish Com-Server in the
Internet via DSL

Dynamic IP addresses, NAT
and other things you need to
know.

Weather with PHP and
Com-Server into the
network

TCP socket connection to a
serial weather station.

Your serial devices as web
servers

You handle the ASCII
protocol HTTP, the Com-
Server handles the rest.

Overview for manufacturers and integrators

You are a manufacturer or integrator of a serial device and want to make it "network-capable", "Web-based" or "Internet-capable"?

Write measured data directly to your network server,

No problem with the Com-Server as FTP server or FTP client.

What else is possible

Com-Server and automation technology

Standard visualizations gather serial data over the network.

Existing network instead of expensive dial-up connection - without changing the terminal devices

Simply replace the dial-up numbers with IP addresses and standard modems with LAN modems - and you're done.

Coupling of Ethernet LANs over all kinds of cable

Com-Servers as SLIP routers connect your Ethernet islands - even over normal telephone cable for example.

Connecting serial systems/devices per SLIP

Your device already has its own TCP/IP stack, but only one physical serial port?

ESPA tunnel through the network

Running ESPA communication over TCP/IP networks

Access the serial device via Internet

Worldwide access using just one official IP address - IP Masquerade makes it possible.

Over the network with 30 lines: Programming TCP/IP sockets

Leaner, less complicated and more direct than programming serial interfaces.

Background information

Internet ABCs

Terms frequently used in connection with network technology concisely explained

- Internet ABCs
- Network cabling

[We are available to you in person:](#)

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