



contacts
are
green.

VPN industrial router
Telecontrol, remote maintenance
and alarm – simply and safely

Managing from a distance





Applications

- Energy systems
 - Wind turbines
 - Solar farms
 - Biogas cogeneration systems
 - Heat pumps, ...
- Water and waste water management
- System monitoring in machine building
 - Washing machines
 - Packaging machines
 - Compressors, ...
- External surveillance camera
- Vending
 - Telemetry online sales or ticket machines
- Smart metering
- Mobile fleet management



wienet VPN Industrial Router – unlimited M2M communication

Functionality which convinces

Wieland's **wienet** VPN industrial routers ensure increased efficiency and data security. Whether it is about the control of machines, monitoring of production lines or the co-ordination of all production areas a permanent communication between devices is needed to complete such a complex task. Access to stored data using wireless networks is not always possible or safe. Now Wieland develops with its modern router technology new fields of applications. For example control commands, level indicators or video signals can now be transmitted. At download speeds of up to 100 Mbit/s and upload speeds of up to 50 Mbits/s (depending on the network operator) the **wienet** VPN industrial router is sure to cover the available connectivity options of GPRS up to LTE. With automatic login **wienet** VPN industrial router will always access the fastest available connection.

Each router has its own IP address and can be configured through the integrated web interface.

It supports services such as DHCP, NAT and DynDNS. The routers communicate directly or via the control panel to open a secure VPN connection. The establishment of an IPSec encrypted tunnel is alternatively possible.

wienet VPN routers are ideal components for industrial use in conjunction with VPN-service portals, such as Wie-Service24.

With the arrangement of the ports on the front-panel and a standard USB port, the **wienet** VPN industrial router are extremely user friendly. A clear statistic of mobile connections is used for better control. Optionally, the devices are available with a second SIM card slot, additional I/O, RS-232, RS-422/RS-485, M-Bus, second Ethernet interface, WiFi module or integrated 3 port switch.

Advantages

- Expanded operating temperature range of -30°C to 70°C
- DIN top hat rail assembly
- An extremely robust aluminium housing

Industrial Mobile Router – GSM/GPRS/EDGE

wienet EDGE ER75iv2 SL „Basic“

- 1x SIM-card-slot
- 1x RJ45 port extension
- 1x USB

wienet EDGE ER75iv2f SL „Full“

- 2x SIM-card-slot
- 2x RJ45 port extension
- 1x USB

Supply scope:

VPN Industrial router
Magnetic foot antenna with 2.5 m cable
Power supply unit
RJ45 patch cable
Variable top hat rail adapter
USB stick



Type	Port 1	Port 2	Part No.
wienet EDGE basic version			
ER75iv2 SL	-	-	83.041.0000.1
ER75iv2 SL RS232	RS-232	-	83.041.0001.1
ER75iv2 SL RS485/422	RS-485/422	-	83.041.0002.1
ER75iv2 SL MBUS	M-Bus	-	83.041.0003.1
ER75iv2 SL CNT	4DI, 2DO, 2AI	-	83.041.0004.1
ER75iv2 SL ETH	Ethernet	-	83.041.0005.1
wienet EDGE full version			
ER75iv2f SL	-	-	83.041.0100.1
ER75iv2f SL RS232	RS-232	-	83.041.0101.1
ER75iv2f SL RS485/422	RS-485/422	-	83.041.0102.1
ER75iv2f SL MBUS	M-Bus	-	83.041.0103.1
ER75iv2f SL IO	IO	-	83.041.0104.1
ER75iv2f SL ETH	ETH	-	83.041.0105.1
ER75iv2f SL WIFI	-	WiFi/WLAN	83.041.0160.1
ER75iv2f SL SD	-	SD-FLASH	83.041.0170.1
ER75iv2f SL RS232 RS232	RS-232	RS-232	83.041.0111.1
ER75iv2f SL RS485 RS232	RS-485/422	RS-232	83.041.0112.1
ER75iv2f SL MBUS RS232	M-Bus	RS-232	83.041.0113.1
ER75iv2f SL CNT RS232	IO	RS-232	83.041.0114.1
ER75iv2f SL ETH RS232	ETH	RS-232	83.041.0115.1
ER75iv2f SL RS485 RS485	RS-485/422	RS-485/422	83.041.0122.1
ER75iv2f SL MBUS RS485	M-Bus	RS-485/422	83.041.0123.1
ER75iv2f SL CNT RS485	IO	RS-485/422	83.041.0124.1
ER75iv2f SL ETH RS485	ETH	RS-485/422	83.041.0125.1
ER75iv2f SL RS232 WIFI	RS-232	WiFi/WLAN	83.041.0161.1
ER75iv2f SL RS485 WIFI	RS-485/422	WiFi/WLAN	83.041.0162.1
ER75iv2f SL MBUS WIFI	M-Bus	WiFi/WLAN	83.041.0163.1
ER75iv2f SL CNT WIFI	IO	WiFi/WLAN	83.041.0164.1
ER75iv2f SL ETH WIFI	ETH	WiFi/WLAN	83.041.0165.1
ER75iv2f SL 3P	3-port Switch	3-port Switch	83.041.0199.1

preferred types

Technical Data

Transmission	GSM/GPRS/EDGE (Class 10)
Frequency bands	850/900/1800/1900 MHz
SIM-card-slots	1
RJ45-extension-ports	1
Interfaces	Ethernet 10/100 Mbit/s; USB 2.0 Type A (Host); 1x Digital In / 1x Digital Out
Max. Download/Upload	236 Kbit/s / 118.4 Kbit/s
VPN-Client for encrypted connection to the control center	IPSec Client/Server; OpenVPN Client/Server; L2TP; PPTP
Mounting	DIN-rail or table
Operating voltage	10 - 30 V DC
Operating temperature	-30 ... +60°C
Antenna	external GSM-antenna (SMA - 50 Ohm)
Dimensions (mm) WxHxD	42x114x81
Weight	280 g
Approvals	CE
Norms	EN 301 511, v 9.0.2; EN 301 908-1&2, v 3.2.1; ETSI EN 301 489-1 V1.8.1; EN 60950-1:06 ed. 2 + A11:09

Functions

Support of NAT/PAT and X.509
Firewall (SPI)
VPN: OpenVPN, IPsec, L2TP, GRE
Easy web interface, DHCP, DynDNS, VRRP; Dial-in
Router-control by SMS
Comprehensive mobile statistic options
Data volume-/roaming-control by SMS
Status information by SNMP and SMS
Status by LED
FTP server
Linux based operating system: ability to integrate their own applications

Industrial Mobile Router – UMTS/HSDPA/HSUPA/HSPA+

wienet HSPA+ UR5iv2 SL „Basic“

- 1x SIM-card-slot
- 1x RJ45 port extension
- 1x USB

wienet HSPA+ UR5iv2f SL Compact

- 2x SIM-card-slot
- 2x Ethernet (LAN-to-LAN or Switch-Bridge)
- Best price-performance ratio
- No USB interface

wienet HSPA+ UR5iv2f SL „Full“

- 2x SIM-card-slot
- 2x RJ45 port extension
- GPS (not in combination with WiFi)
- 1x USB

Supply scope:

VPN Industrial router
Magnetic foot antenna with 2.5 m cable
Power supply unit
RJ45 patch cable
Variable top hat rail adapter
USB stick



Type	Port 1	Port 2	Part No.
wienet HSPA+ basic version			
UR5iv2 SL	-	-	83.041.0040.1
UR5iv2 SL RS232	RS-232	-	83.041.0041.1
UR5iv2 SL RS485/422	RS-485/422	-	83.041.0042.1
UR5iv2 SL MBUS	M-Bus	-	83.041.0043.1
UR5iv2 SL CNT	4DI, 2DO, 2AI	-	83.041.0044.1
UR5iv2 SL ETH	Ethernet	-	83.041.0045.1
wienet HSPA+ compact version			
UR5iv2f SL Compact	ETH	-	83.041.0305.1
wienet HSPA+ full version			
UR5iv2f SL	-	-	83.041.0400.1
UR5iv2f SL RS232	RS-232	-	83.041.0401.1
UR5iv2f SL RS485/422	RS-485/422	-	83.041.0402.1
UR5iv2f SL MBUS	M-Bus	-	83.041.0403.1
UR5iv2f SL IO	IO	-	83.041.0404.1
UR5iv2f SL ETH	ETH	-	83.041.0405.1
UR5iv2f SL WIFI	-	WiFi/WLAN	83.041.0460.1
UR5iv2f SL SD	-	SD-FLASH	83.041.0470.1
UR5iv2f SL RS232 RS232	RS-232	RS-232	83.041.0411.1
UR5iv2f SL RS485 RS232	RS-485/422	RS-232	83.041.0412.1
UR5iv2f SL MBUS RS232	M-Bus	RS-232	83.041.0413.1
UR5iv2f SL CNT RS232	IO	RS-232	83.041.0414.1
UR5iv2f SL ETH RS232	ETH	RS-232	83.041.0415.1
UR5iv2f SL RS485 RS485	RS-485/422	RS-485/422	83.041.0422.1
UR5iv2f SL MBUS RS485	M-Bus	RS-485/422	83.041.0423.1
UR5iv2f SL CNT RS485	IO	RS-485/422	83.041.0424.1
UR5iv2f SL ETH RS485	ETH	RS-485/422	83.041.0425.1
UR5iv2f SL RS232 WIFI	RS-232	WiFi/WLAN	83.041.0461.1
UR5iv2f SL RS485 WIFI	RS-485/422	WiFi/WLAN	83.041.0462.1
UR5iv2f SL MBUS WIFI	M-Bus	WiFi/WLAN	83.041.0463.1
UR5iv2f SL CNT WIFI	IO	WiFi/WLAN	83.041.0464.1
UR5iv2f SL ETH WIFI	ETH	WiFi/WLAN	83.041.0465.1
UR5iv2f SL 3P	3-port Switch	3-port Switch	83.041.0499.1

preferred types

Technical Data	
Transmission	GSM/GPRS/EDGE/UMTS/HSDPA/HSPA+
Frequency bands	Quad-band UMTS (WCDMA): 850/900/1900/2100 MHz; Quad-band GSM/GPRS/EDGE: 850/900/1800/1900 MHz
SIM-card-slots	1
RJ45-extension-ports	1
Interfaces	Ethernet 10/100 Mbit/s; USB 2.0 Type A (Host); 1x Digital In / 1x Digital Out
Max. Download/Upload	14.4 Mbit/s / 5.7 Mbit/s
VPN-Client for encrypted connection to the control center	IPSec Client/Server; OpenVPN Client/Server; L2TP; PPTP
Mounting	DIN-rail or table
Operating voltage	10 - 30 V DC
Operating temperature	-30 ... +60°C
Antenna	external GSM-antenna (SMA - 50 Ohm)
Dimensions (mm) WxHxD	42x114x81
Weight	280 g
Approvals	CE
Norms	EN 301 511, v 9.0.2; EN 301 908-1&2, v 3.2.1; ETSI EN 301 489-1 V1.8.1; EN 60950-1:06 ed. 2 + A11:09

Functions
Support of NAT/PAT and X.509
Firewall (SPI)
Easy web interface, DHCP, DynDNS, VRRP; Dial-in
Router-control by SMS, alerting via SMS and email
Comprehensive mobile statistic options
Data volume-/roaming-control by SMS
Status information by SNMP and SMS
Status by LED
FTP server
Integrated GPS receiver (full version only, not in combination with WiFi)
Linux based operating system: ability to integrate their own applications

Industrial Mobile Router – LTE 4G

wienet LTE LR77 v2 SL „Basic“

- 1x SIM-card-slot
- 1x RJ45 port extension
- 1x USB

wienet LTE LR77 v2f SL „Full“

- 2x SIM-card-slot
- 2x RJ45 port extension
- GPS (not in combination with WiFi)
- 1x USB

Supply scope:

VPN Industrial router
Magnetic foot antenna with 2.5 m cable
Power supply unit
RJ45 patch cable
Variable top hat rail adapter
USB stick



Type	Port 1	Port 2	Part No.
wienet LTE basic version			
LR77v2 SL	-	-	83.041.0050.1
LR77v2 SL RS232	RS-232	-	83.041.0051.1
LR77v2 SL RS485/422	RS-485/422	-	83.041.0052.1
LR77v2 SL MBUS	M-Bus	-	83.041.0053.1
LR77v2 SL CNT	4DI, 2DO, 2AI	-	83.041.0054.1
LR77v2 SL ETH	Ethernet	-	83.041.0055.1

wienet LTE full version			
LR77v2f SL	-	-	83.041.0500.1
LR77v2f SL RS232	RS-232	-	83.041.0501.1
LR77v2f SL RS485/422	RS-485/422	-	83.041.0502.1
LR77v2f SL MBUS	M-Bus	-	83.041.0503.1
LR77v2f SL IO	IO	-	83.041.0504.1
LR77v2f SL ETH	ETH	-	83.041.0505.1
LR77v2f SL WIFI	-	WiFi/WLAN	83.041.0560.1
LR77v2f SL SD	-	SD-FLASH	83.041.0570.1
LR77v2f SL RS232 RS232	RS-232	RS-232	83.041.0511.1
LR77v2f SL RS485 RS232	RS-485/422	RS-232	83.041.0512.1
LR77v2f SL MBUS RS232	M-Bus	RS-232	83.041.0513.1
LR77v2f SL CNT RS232	IO	RS-232	83.041.0514.1
LR77v2f SL ETH RS232	ETH	RS-232	83.041.0515.1
LR77v2f SL RS485 RS485	RS-485/422	RS-485/422	83.041.0522.1
LR77v2f SL MBUS RS485	M-Bus	RS-485/422	83.041.0523.1
LR77v2f SL CNT RS485	IO	RS-485/422	83.041.0524.1
LR77v2f SL ETH RS485	ETH	RS-485/422	83.041.0525.1
LR77v2f SL RS232 WIFI	RS-232	WiFi/WLAN	83.041.0561.1
LR77v2f SL RS485 WIFI	RS-485/422	WiFi/WLAN	83.041.0562.1
LR77v2f SL MBUS WIFI	M-Bus	WiFi/WLAN	83.041.0563.1
LR77v2f SL CNT WIFI	IO	WiFi/WLAN	83.041.0564.1
LR77v2f SL ETH WIFI	ETH	WiFi/WLAN	83.041.0565.1
LR77v2f SL 3P	3-port Switch	3-port Switch	83.041.0599.1

preferred types

Technical Data	
Transmission	GSM/GPRS/EDGE/UMTS/HSDPA/HSPA+/LTE
Frequency bands	LTE: 800/900/1800/2100/2600 MHz; UMTS: 900/2100 MHz; GSM/GPRS/EDGE: 900/1800/1900 MHz
SIM-card-slots	1
RJ45-extension-ports	1
Interfaces	Ethernet 10/100 Mbit/s; USB 2.0 Type A (Host); 1x Digital In / 1x Digital Out
Max. Download/Upload	100 Mbit/s / 50 Mbit/s
VPN-Client for encrypted connection to the control center	IPSec Client/Server; OpenVPN Client/Server; L2TP; PPTP
Mounting	DIN-rail or table
Operating voltage	10 - 30 V DC
Operating temperature	-30 ... +60°C
Antenna	external GSM-antenna (SMA - 50 Ohm)
Dimensions (mm) WxHxD	42x114x81
Weight	280 g
Approvals	CE
Norms	EN 301 511, v 9.0.2; EN 301 908-1&2, v 3.2.1; ETSI EN 301 489-1 V1.8.1; EN 60950-1:06 ed. 2 + A11:09

Functions	
Support of NAT/PAT and X.509	
Firewall (SPI)	
Easy web interface, DHCP, DynDNS, VRRP; Dial-in	
Router-control by SMS	
Comprehensive mobile statistic options	
Data volume-/roaming-control by SMS	
Status information by SNMP and SMS	
Status by LED	
FTP server	
Integrated GPS receiver (full version only, not in combination with WiFi)	
Linux based operating system: ability to integrate their own applications	

Industrial Router – LAN-to-LAN

wienet LAN XRi v2...

Supply scope:

VPN Industrial router
Power supply unit
2x RJ45 patch cable
Variable top hat rail adapter
USB stick



Type	Port 1	Port 2	Part No.
wienet LAN-to-LAN-Router			
XR5iv2 ETH	Ethernet	-	83.041.0605.1
XR5iv2f SL ETH RS232	Ethernet	RS-232	83.041.0615.1
XR5iv2f SL ETH RS485	Ethernet	RS-485	83.041.0625.1
XR5iv2f SL ETH MBUS	Ethernet	M-Bus	83.041.0635.1
XR5iv2f SL WIFI	-	WiFi/WLAN	83.041.0660.1
XR5iv2f SL RS232 WIFI	RS-232	WiFi/WLAN	83.041.0661.1
XR5iv2f SL RS485 WIFI	RS-485	WiFi/WLAN	83.041.0662.1
XR5iv2f SL MBUS WIFI	M-Bus	WiFi/WLAN	83.041.0663.1
XR5iv2f SL IO WIFI	4DI, 2DO, 2AI	WiFi/WLAN	83.041.0664.1
XR5iv2f SL ETH WIFI	Ethernet	WiFi/WLAN	83.041.0665.1
XR5iv2f SL ETH SD	Ethernet	SD-FLASH	83.041.0675.1

preferred types

Technical Data

Transmission	LAN-to-LAN, WiFi/WLAN
RJ45-extension-ports	1 (basic version), 2 (full version)
Interfaces	Ethernet 10/100 Mbit/s; USB 2.0 Type A (Host); 1x Digital In / 1x Digital Out
Max. Download/Upload	100 Mbit/s / 50 Mbit/s
VPN-Client for encrypted connection to the control center	IPSec Client/Server; OpenVPN Client/Server; L2TP; PPTP
Mounting	DIN-rail or table
Operating voltage	10 - 30 V DC
Operating temperature	-30 ... +60°C
Antenna	external GSM-antenna (SMA - 50 Ohm)
Dimensions (mm) WxHxD	42x114x81
Weight	280 g
Approvals	CE
Norms	ETSI EN 301 489-1 V1.8.1; EN 60950-1:06 ed. 2 + A11:09 + A1:10

Functions

Support of NAT/PAT and X.509
Firewall (SPI)
Easy web interface, DHCP, DynDNS, VRRP; Dial-in
PPPoE - DSL-Modem Support
Status by LED
SNMP - Integration to the network management
FTP server
Linux based operating system: ability to integrate their own applications

Accessories, VPN-Server „Wie-Service24“

Omnidirectional rod antenna **wienet** GXS606



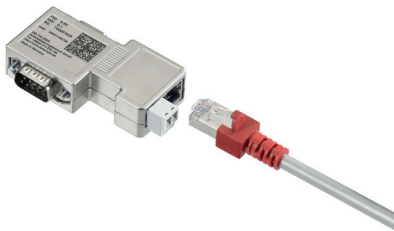
Type	Part No.
wienet GXS606	83.041.0210.0
Technical Data	
Frequency bandwidth	GSM, GPRS, EDGE, UMTS
Connector	FME/F
Gain	2.2 dBi
Length of cable	5 m
Length of rod (mm)	approx. 300

Top flat antenna **wienet** GXR623



Type	Part No.
wienet GXR623	83.041.0200.0
Technical Data	
Frequency bandwidth	GSM, GPRS, EDGE, UMTS
Connector	FME/F
Gain	2.2 dBi
Length of cable	2.5 m
Dimensions (mm)	approx. 75 x 80 x 13

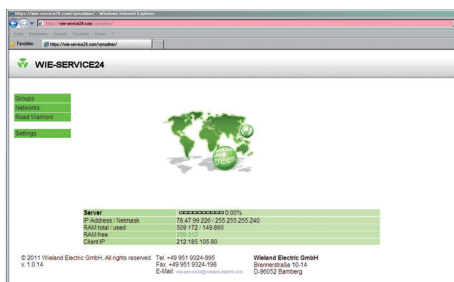
Programming adapter MPI-ETH ADAPTER ACCON-NETLINK-PRO



Type	Part No.
MPI-ETH ADAPTER ACCON-NETLINK-PRO	F0.000.0031.8
Technical Data	
Supported operating systems	no restriction
Hardware requirements	Ethernet interface and TCP/IP protocol
Supported SPS	S7-200, S7-300, S7-400
Weight in kg	approx. 0.25
Protection type	IP 20
Operating voltage	24 V DC \pm 25%
External power supply	yes
Max. current consumption	150 mA
Electrically isolated	yes
Operating temperature	0 °C to 60 °C
Storage/transport temperature	-20 °C to 90 °C
Admissible relative air humidity	5 % to 85 % at 30 °C (non-condensing)
Connection cable to the PLC	permanently mounted, active (no stub line, 1.2 m)
Connection cable to PC/router	patch cable (Ethernet, straight, 3 m)
Supported bus profiles	MPI, DP, standard, universal (DP/FMS), user-defined with automatic detection
Supported transmission rates from bus connection to PLC	9.6 Kbit/s to 12 Mbit/s with automatic detection
Supported transmission rates, Ethernet	10/100 Mbit/s with automatic detection
Max. number of connections on TCP/IP	16

Additional VPN channels to VPN-server Wie-Service24

- Rent of additional VPN-tunnels to VPN-Server of Wieland Electric
- High availability of VPN connections
- Immediately usable
- Client access on the server



Type	Part No.
wienet WIE-SERVICE24-EINZEL-R	VPN-Router-Client
wienet WIE-SERVICE24-EINZEL-PC	VPN-PC-Client
	ZD.000.0011.0
	ZD.000.0011.1
Properties	
Security by VPN	
Automatic generation of router configurations	
Only outgoing connections to the VPN server Wie-Service24	
No changes in the local network needed	
Connection complete networks without additional route settings	
Contract data	
Calculation	12 months in advance
Termination	any time at the end of a month
Administration	Wieland Electric
Server hardware	Internet high-performance computing center

VPN server „Wie-Service24“

Compact VPN server „Smartservice24“

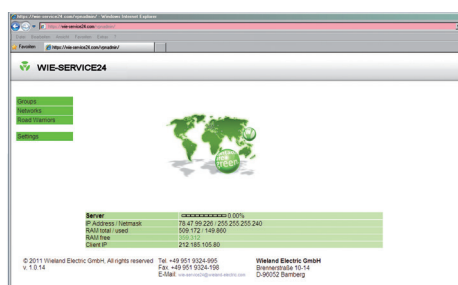
- VPN server portal is customer installation
- Administration at the customer
- High-availability VPN connections
- Adaptable layout



Type	Installation	Part No.
wienet SMARTSERVICE24	Pre-installed on compact LINUX-PC	ZD.000.0017.0
Features		
The "Smartservice24" VPN server is the VPN portal, installed on a small, energy-saving hardware system, hence immediately operational and functional.		
Networks	PPTP (Smartphone access); SSL; direct http:// or https:// WEB access to all web servers in the downstream network	
VPN tunnel	maximum of 100 VPN connections; secure data encryption with OpenVPN (incl. X.509 certificates)	
Configuration and diagnostics	configuration via web interface; network configuration for individual subscribers; certificates and configuration files for routers and road warriors automatically generated; status displays for individual connections; log files for routers and road warriors; SSH diagnostic potentials for network engineers; 1:1 NAT entire network; scalable number of VPN connections	
Optional expansions	customized application, adaptable layout; 300 Mbit/s wireless module	
Hardware specification	AMD Geode LX CPU, 500 MHz (LX800) 5x86 CPU; 256 MB SDRAM; 128 KB L1 cache; 128 KB L2 cache; 4 GB CompactFlash; without disc and fan	
Technical data		
Power supply	7 V to 200 V DC	
Power consumption	7 W	
Operating temperature range	0 °C to 50 °C	
Interfaces	1x Ethernet (10/100 Mbit/s); 1x USB 2.0 type A; 1x serial interface; 2x Mini PCI ports; 1x VGA	
Housing – dimensions	113 x 163 x 30 mm	
Housing – weight	390 g	
Mounting	not required (desktop device)	
Complies with standards		
Norms	EN 61000-6-3 (2007); EN 61000-6-2 (2006); FCC 47 CFR Part 15 (2006)	
Access parameters		
Web interface	http://192.168.1.1	
User name	root	
Password	root	

Customer installation of the VPN server Wie-Service24

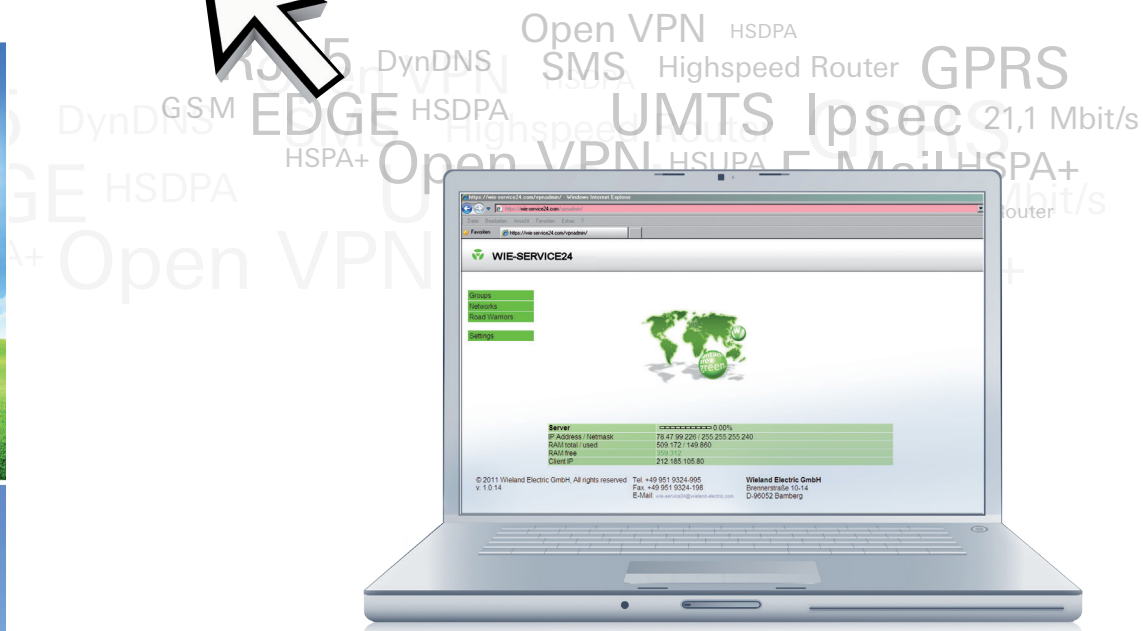
- Customer installation of the VPN server
- Administration on customer side
- High availability of VPN connections
- Customized layout possible



Type	Installation	Part No.
wienet WIESERVICE24-VM	Virtual machine "Oracle Virtual Box"	ZD.000.0012.0
wienet WIESERVICE24-IPC SAVE	On energy-saving PC hardware	ZD.000.0013.0
wienet WIESERVICE24-IPC HIGH	On High Performance 19" PC	ZD.000.0014.0
wienet WIESERVICE24-DC CUSTOM	In customer data center	ZD.000.0015.0
wienet WIESERVICE24-DC INTERN.	In internet data center ("in the cloud")	ZD.000.0016.0 preferably
Properties		
Security by VPN		
Automatic generation of router configurations		
Only outgoing connections to the VPN server Wie-Service24		
No changes in the local network needed		
Connection complete networks without additional route settings		
Contract data		
Calculation	fixed rate	
Number of VPN connections	> 1000	
Administration	customer	
Server hardware	selectable	

M2M Device Management in its own M2M Cloud

Wie-Service24



A perfect team

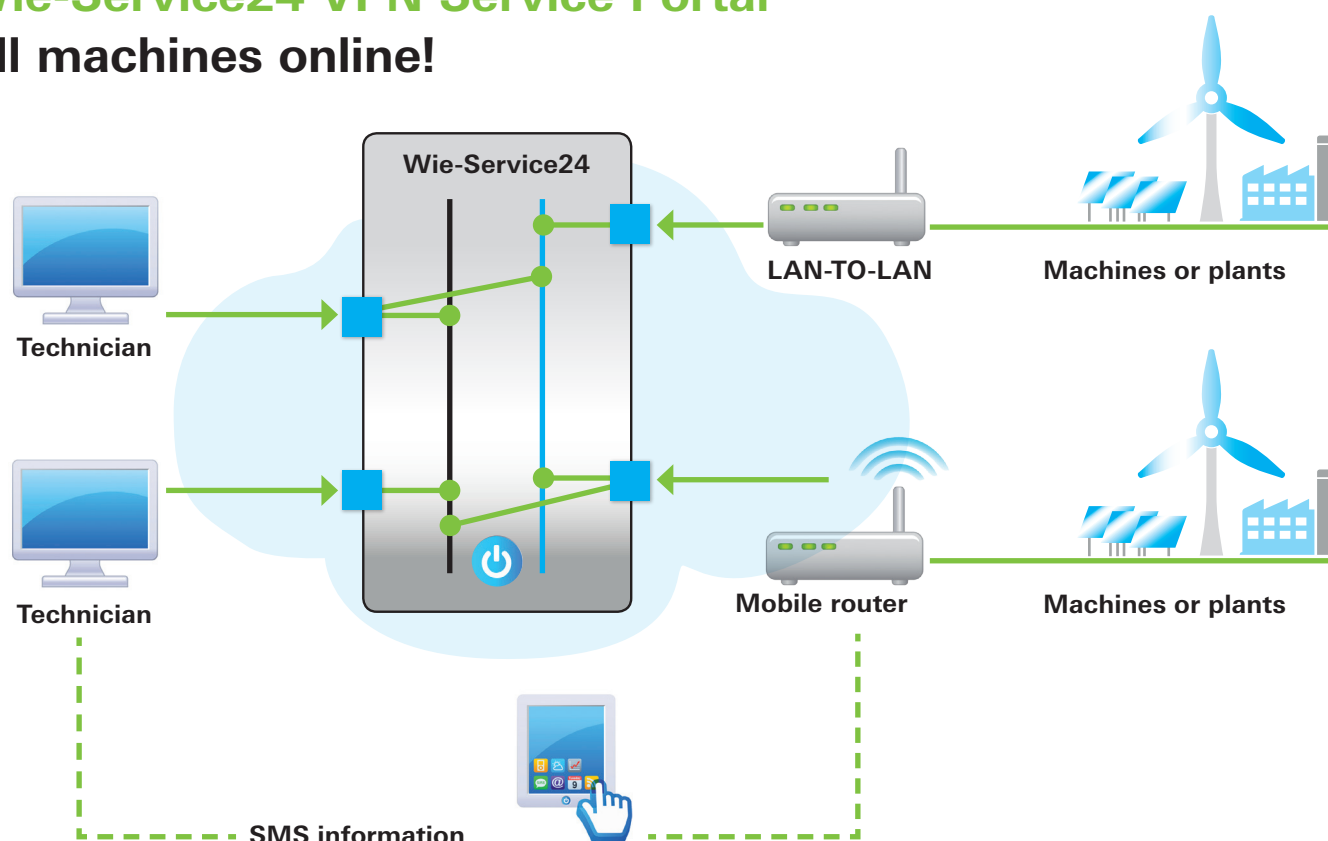
Wieland's **wienet** industrial routers and the Wie-Service24 VPN service portal makes M2M cloud communication child's play. Individual devices and even entire systems are securely and reliably connected together – guaranteed by the modular router concept and the cloud-based management solution Wie-Service24.

Advantages

- Security by VPN
- Automatic generation of router configuration
- Only outgoing connections towards Wie-Service24 are necessary
- No changes inside the local network is necessary
- Interconnection of complete networks, without additional routing configuration
- Little coordination with IT department and easy commissioning
- Mobile access by Smartphone or tablet to all devices behind the router
- directRemote: Direct access with all internet browser by a clearly URL

Wie-Service24 VPN Service Portal

All machines online!



The Wie-Service24 VPN service portal is available in different configurations:

You can try the working with the VPN-server Wie-Service24 with up to 30 routers and one PC client for free. If you need further VPN clients you can rent more router and PC clients. We propose the installation of your own customer VPN server portal.

Installation of the portal on a virtual machine, on an industrial PC, data center at customer site or a data center on an internet server.

	Single access	Virtual machine	Industrial PC	Data center Server at Customer	Data center Internet server
Part-No.	ZD.000.0011.0 (Router) ZD.000.0011.1 (PC-Client)	ZD.000.0012.0	ZD.000.0013.0 (Energy Saving) ZD.000.0014.0 (High Performance)	ZD.000.0015.0	ZD.000.0016.0
User access	•	•	•	•	•
Administrator access	–	•	•	•	•
Server hardware from	Wieland	Customer	Wieland	Customer	Provider
Internet connection by	Wieland	Customer	Customer	Customer	Provider
Installation by	Wieland	Customer or Wieland	Wieland	Wieland	Wieland



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Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
 - Screw, tension spring or push-in connection technology
 - Wire cross sections up to 240 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safe signal acquisition
 - Safety switching devices
 - Modular safety modules
 - Compact safety controllers
 - Application consulting and training
- Network engineering and fieldbus systems
 - Remote maintenance via VPN industrial router and VPN service portal
 - Industrial Ethernet switches
 - PLC and I/O systems, standard and increased environmental conditions
- Interface
 - Power supply units
 - Overvoltage protection
 - Coupling relays, semiconductor switches
 - Timer relays, measuring and monitoring relays
 - Analog coupling and converter modules
 - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
 - Electrical installation for wind tower
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Rectangular and round connectors
 - Aluminium or plastic housings
 - Degree of protection up to IP69K
 - Current-carrying capacity up to 100 A
 - Connectors for hazardous areas
 - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
 - Main power supply connectors IP 20/IP 65... IP 69K
 - Bus connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Room automation with KNX and wireless technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

**contacts
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