Industrial Gateways with VPN and Firewall

Our Industrial Gateways were developed to integrate any Ethernet-based devices, subsystems, automation components in control cabinets or even complete subnetworks very easy into a VPN (Virtual Private Network). This allows a highly secured remote access and monitoring via Internet.

All gateways come with a Linux O/S and offer many integrated security functions like OpenVPN (client and server), a firewall with NAT support, OpenSSL (incl. SSL/TLS) as well as SSH. In addition, the gateways are ready to work seamlessly with our VPN Server SSR/525.

The gateways are free programmable, so own applications can easily be implemented. All software features are configured over the SSV/WebConfig Tool with every standard web browser. Our gateways have an IP20 industrial case for 35 mm DIN-rail mounting.

Industrial UMTS/LTE Router

Beside the usage as Industrial Gateways our systems with UMTS or LTE modem can also be operated as Wireless Industrial Routers, which still are able to work as VPN client (or server) at the same time.

Custom Design and Integration/OEM

SSV provides private labeling, custom driver design and other custom development requests for small and large projects.

Please don’t hesitate to contact us for more information about our products and services!

For more information visit our website at:

www.ssv-embedded.de

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Industrial VPN Gateways for Remote Access & Monitoring

**IGW/922**
VPN Remote Access Gateway
- 32-bit ARM9 Platform
- Linux O/S with VPN and Firewall
- 2x 10/100 Mbps Ethernet LAN
- 1x RS232
- 1x RS232/485
- 1x Semiconductor Relay Output
- IGW/922-G: with GSM/GPRS Modem
- IGW/922-U: with UMTS/HSPA Modem
- IGW/922-MOE: with AT Modem Emul.

**IGW/925**
VPN Gateway with 4-Port Switch
- 32-bit ARM9 Platform
- Linux O/S with VPN and Firewall
- 1x 10/100 Mbps Ethernet LAN
- 1x 4-Port 10/100 Mbps Ethernet LAN Switch with Auto MDI-X Support
- 1x RS232 and 1x RS232/485
- 1x Semiconductor Relay Output
- IGW/925-G: with GSM/GPRS Modem
- IGW/925-U: with UMTS/HSPA Modem

**IGW/935**
VPN Web Application Gateway
- 32-bit ARM Cortex A8 Platform
- Linux O/S with VPN and Firewall
- 1x 10/100 Mbps Ethernet LAN
- 1x USB 2.0 Host Port
- 1x DVI/HDMI Interface
- 1x RS232/485
- Firmware Update over WebUI

**IGW/936-L**
VPN Gateway with LTE Router
- 32-bit ARM Cortex A8 Platform
- Linux O/S with VPN and Firewall
- GSM/UMTS/HSPA+/LTE Modem
- 1x 10/100 Mbps Ethernet LAN
- 1x USB 2.0 Host Port
- 1x RS485 and 1x RS232/485
- 1x Semiconductor Relay Output
- Firmware Update over WebUI

**IGW/963**
CAN2IP VPN Gateway
- 32-bit ARM9 Platform
- Linux O/S with VPN and Firewall
- 1x High-speed CAN (ISO 11898-2) with galvanic Isolation
- 1x 10/100 Mbps Ethernet LAN
- 2x RS232
- CAN to Internet Support
- CAN 2.0A/2.0B, CANopen Support
- Firmware Update over WebUI

**SSR/525**
VPN Server for 19”-Racks
The SSR/525 establishes a secure VPN with the IGWs as VPN clients and is suitable as Private Cloud Server.
- Up to 500 Simultaneous Persistent Connections
- Managed Groups with Client Access Control
- Large Field-tested Firewall Rules
- Strong State-of-the-Art Encryption
- Autonomous Reconnection

The SSV Cloud Server enables communication and interoperability of various systems from different vendors.