sbc✚
SAIA BURGESS CONTROLS

VPN LAN-Router
EBW-E100

Type	Transmission technology						
	UMTS/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
Switch cabinet serial	☐	☐	☐	☐	☐	☐	☐
Switch cabinet network	☐	☐	☐	■		☐	☐
Desktop Devices	☐	☐				☐	☐
19" rack						☐	☐
Embedded modules	☐	☐	☐	☐	☐	☐	☐

Industrial VPN router

The industrial high-speed router EBW-E100 allows secure connections between local and remote networks.

The firewall and VPN via OpenVPN and IPsec provide data security.

EBW-E100 decouples manufacturing cells with remote access from the surrounding company IT for example. Also many subnetworks with identical local IP addresses can be distinguished and addressed targeted.
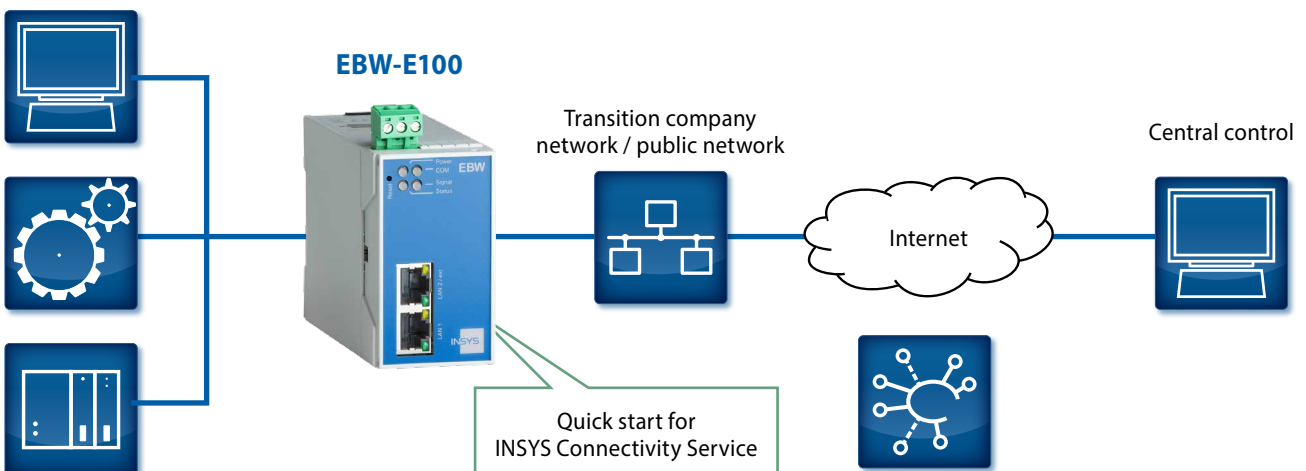
EBW-E100 is prepared for the INSYS Connectivity Service VPN service. Using the quick start wizard, the device can be integrated into a VPN quickly and simple with only two steps. The router gets all necessary data and certificates automatically with this.

Features

- ▶ LAN router
- ▶ Security via VPN
- ▶ Netmapping for machines
- ▶ Prepared for INSYS Connectivity Service

Applications

- ◆ Manufacturing cell decoupling
- ◆ Secure remote maintenance
- ◆ in customer network
- ◆ Access to a control network
- ◆ from PLC, HMI, data logger
- ◆ Remote desktop
- ◆ Video monitoring
- ◆ Displays

EBW-E100

Transition company network / public network

Central control

Internet

Quick start for
INSYS Connectivity Service

Technical Data

EBW-E100

Router	
Function	Connection management, DHCP server and client, full NAT (port forwarding, netmapping), DNS relay, dynDNS support, PPPoE client for ADSL, SNMP, NTP client and server, buffered real-time clock
Safety	OpenVPN (client and server), IPsec, PPTP, MAC fi rewall, linkloss detection, failed login detection, GRE
Redundancy	2 OpenVPN server targets
LAN	
Ports	2 × RJ45
Operating mode	10/100 MBit/s for full and half duplex operation
Function	Automatic detection of patch cable / cross-over cable, Automatic speed adjustment; MDI/MDI-X
Messages	Hardware watchdog, system messages via e-mail, SNMP traps, SNMP V1/V2c/V3
Additional features	Update of fi rmware and confi guration (local and remote), daily auto update
Supply	
Voltage	10 … 48 V DC (± 20%)
Power consumption (during connection)	Approx. 2 W
Physical features	
Dimensions (L × W × H)	110 × 45 × 70 mm
Operating temperature	-30 … +70 °C -30 … +85 °C under limited conditions (refer to www.insys-icom.com/restricted)
Humidity	0 … 95% (non-condensing)

Ordering information

Product Description	Features	INSYS-Order number	Weight
EBW-E100 1.0	VPN LAN Router	10014546	130 g