

For your automation solutions

## Collaborative Automation Partner Program

A complete range of *industrial  
modems and solutions*



Schneider Electric  
and **ERCO & GENER**



# > A pioneer in the conception and marketing of industrial modems

*ERCO & GENER has 25 years experience in all phases of the development and integration of wired and wireless connectivity technology.*



## Company profile

Situated in the machine-to-machine communication market since its creation in 1981, Erco & Gener conceives, manufactures and commercializes communication systems meeting the demands for robustness, reliability and long life.

The experience of our R&D department allows us to meet your needs and provide fast turnaround of custom designs.

Today's industries capitalise on technological innovations in the telecom sector by proposing new services with a high added value or to optimise their running costs.

The machine-to-machine communication market has made unprecedented strides requiring complex technologies and a polyvalent savoir-faire.



**ERCO & GENER** conceives and commercialises industrial communications solutions, replying to a legitimate demand for robustness, reliability and long life as required by this market.

**ERCO & GENER** develops, manufactures and commercialises a range of industrial modems (embedded, DIN-rail and case).

**ERCO & GENER** assures the distribution of the brands Wavecom, Multi-Tech, Baracoda, Adeunis and Sierra Wireless.



## Industrial PSTN Modem

Supervision, remote-processing and remote counting applications in the “machine to machine” market segment call upon advanced technologies using a multiplicity of vectors of communication. The GenIndus will allow you to establish communications over PSTN networks and LL (Leased Line) via V21 to V34+ recommendations (full and half duplex) integrating the MODBUS protocol (Master and Slave). Modem configuration is by simple micro switch.

Our industrial DIN-rail solution respects our high standards of robustness, reliability and long life allowing all industrial equipment having RS232 or RS485 interfaces to be connected to the PSTN networks and LL (Leased Line).

## Environmental & Mechanical

- Operating temperature: -15°C to +60°C
- Storage temperature: -25°C to +70°C
- DIN-rail Case: 118 x 137.5 x 45 mm (HxLxW)

## Interface

- RS232: female 9-pin Sub-D
- RJ11: PSTN or LL 2 wires
- LED: PWR / TX / RX / DCD
- Screw connectors: Power supply, RS485, I/O
- Power supply 5 Vdc or from 7.5 Vdc to 48 Vdc



### GenIndus Modem

- Industrial DIN-Rail Modem
- PSTN / LL Communication
- RS232 / RS485
- 4 Inputs / 2 Outputs
- BACKUP BATTERY
- MODBUS (Master / Slave)

## GenSmi Modem

- Industrial DIN-Rail
- GSM / GPRS Communication
- RS232 / RS485
- Gen Secure
- Power supply 230 VAC or 6 VDC to 32 VDC



## Industrial GSM and GPRS Modem

Supervision, remote-processing and remote counting applications in the “machine to machine” market segment call upon advanced technologies using a multiplicity of vectors of communication. Our industrial Rail-DIN solution respects our high standards of robustness, reliability and long life allowing all industrial equipment having RS232 or RS485 interfaces to be connected to the GSM (900/1800 MHz or 850/1900 MHz) / GPRS network. Our specific embedded software (Gen Secure) assures a quality liaison and the continuous availability of your equipment.

## Interface

- Antenna: Male FME connector
- SIM card holder on front panel (SIM 3V)
- RS232 (Female 9-pin Sub-D)
- RS485 (screw connector)
- Power supply: GenSmi-AC: 230 Vac 50 - 60 Hz  
GenSmi-DC: 6 Vdc to 32 Vdc

## Environmental & Mechanical

- Operating temperature: - 20°C to + 55°C
- Storage temperature: - 30°C to + 85°C
- Rail-DIN Case: 118 x 137.5 x 45 mm (HxLxW)

# > A complete range of industrial modems and solutions

ERCO & GENER develops, manufactures and markets communications systems for wired and wireless connectivity.

- PSTN
- LL (Lease line)
- ISDN
- GMS
- GPRS
- GPS
- EDGE
- CDMA
- UMTS
- HSDPA
- BLUETOOTH
- Unlicensed radio



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A pioneer in the conception and marketing of industrial modems, ERCO & GENER is today present in many areas of the market place:

Control and Monitoring, Energy meters, commercial Electronics, Security, Fleet management....

## CONTACT US

Email : [infos@ercogener.com](mailto:infos@ercogener.com)  
Rue des Petites Granges  
ZI de St Lambert-des-Levées - BP 30163  
F-49412 SAUMUR Cedex  
Tél : +33 (0)2 41 83 13 00  
Fax : +33 (0)2 41 67 19 20

Email : [infos@ercogener.com](mailto:infos@ercogener.com)

[www.ercogener.com](http://www.ercogener.com)