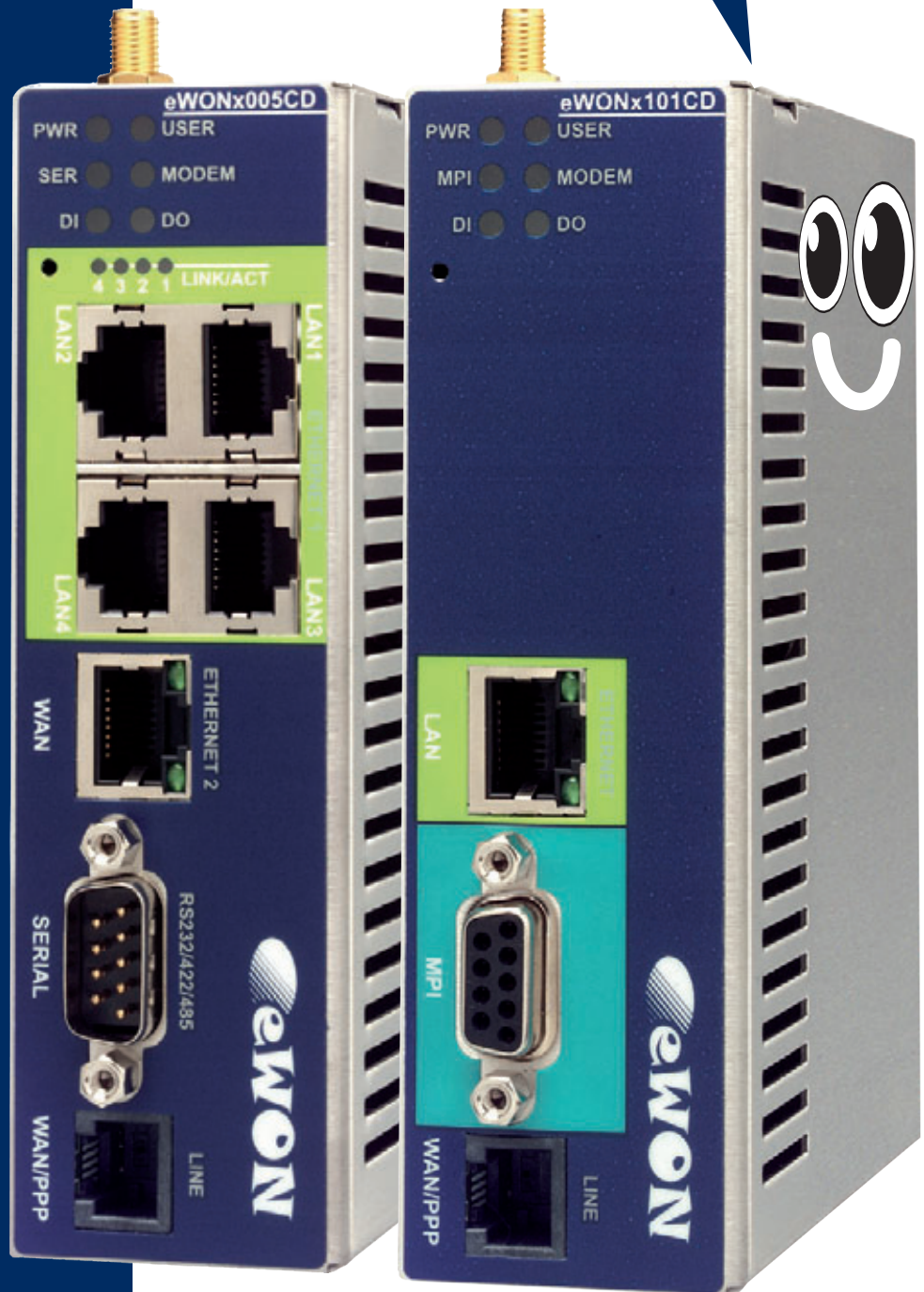




# Industrial Remote Connectivity Routers

Machines can talk.





# Industrial Internet remote access solutions for your PLCs

## For Machine Builders

- Remote access and teleservice.
- Remote diagnostics.
- Open platform for predictive maintenance, exception monitoring, product management,...

## For System Integrators

- Open platform for remote access, remote monitoring, site-to-site connections, and industrial extranets.

## Diverse PLCs supported

The eWON range is fully compliant with world leading PLC manufacturers (Siemens, Rockwell Automation, Omron, Schneider, Vipa, Mitsubishi, Hitachi) and supports numerous PLC protocols (Modbus TCP – RTU, XIP – Unitelway, EtherNet/IP – DF1, FINS TCP – FINS Hostlink, ISOTCP – Profibus/MPI/PPI).

## Easy configuration

The VPN/Internet connection is easy to implement thanks to installation wizards: no special incoming port setup required, no firewall issues, no need to require fixed IP addressing and use of standard SIM cards for GPRS/3G services.

## Alarming

Set up eWON to poll PLCs variables through the serial or Ethernet port. eWON can acknowledge and trigger multiple actions on each alarm (SMS, email, FTP put, SNMP trap).

## Historical logging

eWON stores tag data values in its internal database (130.000 points) for statistical analysis and later review (historical logging) or to analyze recent trends (real-time logging).

## Web HMI capabilities

eWON provides a highly cost effective HMI, viewable anywhere you are through any standard Web browser interface.

## Programmable

Using BASIC language scripting, take full advantage of eWON's broad versatility and simplicity. For advanced users, the eWON is programmable in JAVA.

## eWON 2/4 series, common features

- Full industrial router.
- Connectivity to Ethernet and serial (RS232/485 or Profibus/MPI) devices.
- VPN tunneling for Internet connectivity.
- Alarm notification system on PLC variables (SMS, email, FTP put, SNMP trap).
- SNMP agent and server.
- 1 Digital Input / 1 Digital Output.
- Extended temperature range -20°C + 70°C.
- BASIC scripting / Java programming (J2ME).
- Configuration via web pages, files or remote FTP upload.



2101CD  
4101CD



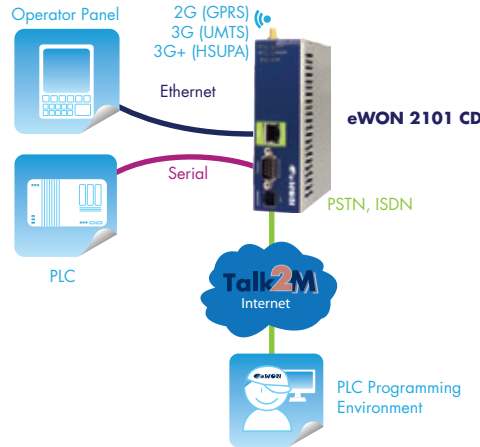
eWON allows to achieve the maintenance of remote machines and installations by using secure Internet connection, reducing communication costs and expanding connection possibilities by using technologies such as GPRS or 3G.

**Talk2M ready**

Use of standard SIM cards for cellular connection.

## Industrial VPN router

- Industrial PSTN, ISDN, 3G (UMTS) or 3G+ (HSUPA) router with VPN tunneling.
- Compliant with worldwide 2G/3G/3G+ networks.
- Internet setup wizard and Talk2M ready.



## Applications :

- Remote monitoring applications, with PLC data acquisition (serial or Ethernet), alarm notification and datalogging.
- Remote management of PLC/automation devices with scripting and animated web HMI interface.
- Industrial extranets with permanent or semi permanent GPRS/3G VPN links for SCADA and OPC server application.

2005CD  
4005CD



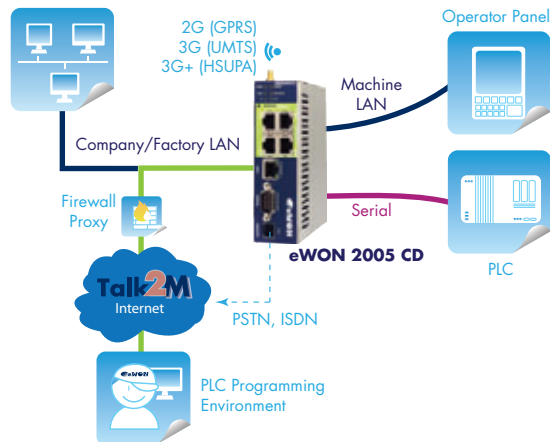
eWON 2005CD/4005CD offer a WAN Ethernet port for connecting to the Internet passing outward through the local IT network and firewall. The solution is fully secure (VPN) and maintains customer IT policy and firewall integrity.

**Talk2M ready**

No special incoming port setup required  
No firewall issues.

## Industrial VPN LAN router

- Full industrial LAN router VPN tunneling.
- With optional embedded PSTN, ISDN, 3G (UMTS) or 3G+ (HSUPA) modem for backup access.
- Internet setup wizard and Talk2M ready.



## Applications :

- Internet remote access through the factory LAN for industrial machineries/devices.
- Remote diagnostics and monitoring operations, with alarm notification, datalogging and animated web HMI capabilities.

## eWON 4 series, additional features

- Historical logging (130.000 points).
- Web HMI with animated synoptics.
- Serial port RS232/485/422 isolated.



Global presence, local technical assistance and pre-sales expertise



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## Product matrix

	Model	Gateway, 1 x DI, 1 x DO, 1 x serial DB9	IP router	VPN	Alarm management	Historical logging	Web HMI	2 x serial DB9, 8 X DI, 4 x AI, 2 x DO, 2 x PT100	Product Part Number	
Serial-to-Ethernet Gateway	500	•			•				EW052x1	
	4001	•			•	•	•		EW412x1	
Industrial VPN router	2101CD	•	•	•	•				EW332xy	where y = 3 for ISDN; 4 for PSTN; 8 for GSM/ GPRS QB; A for HSPA; B for UMTS
	4101CD	•	•	•	•	•	•		EW532xy	
Industrial VPN LAN router	2005CD	•	•	•	•				EW262xy	where y = 1 for no modem; 3 for ISDN; 4 for PSTN; B for UMTS; A for HSPA
	4005CD	•	•	•	•	•	•		EW462xy	

Where x = 0 for RS232/485; x = 6 for MPI

eWON has been designed to meet high industrial specifications with DIN-rail mounting and metal housing, providing very high dependability in harsh environmental conditions.

## Your eWON dealer

List of local partners available on  
[www.ewon.us](http://www.ewon.us)

