



INDUSTRIAL REMOTE CONNECTIVITY ROUTERS

PLC remote access and teleservice

eWON COSY 141 1 2 3

DIRECT REMOTE ACCESS FOR PLCs

100% INNOVATIVE eWON power
 As a machine builder, using Internet for the remote access to machines drastically reduces costs by eliminating the need for going on-site.

APPLICATION
 What you can do

REMOTE ACCESS FOR
 PLC/HMI/IP CAMERA/...

- 1** PLUG'N ROUTE®
- 2** IMMEDIATE SETUP
- 3** TALK2M READY
- 4** SECURE
- 5** SERIAL PLC



REMOTE ACCESS

1 PLUG'N ROUTE®

Connect any Ethernet devices without the need to configure the gateway.

3 TALK2M READY

Cloud based solution. One click to connect within fully secure VPN tunnel. Unlimited in time FREE service.

5 SERIAL PLC GATEWAYS

Large PLC support – RS485, MPI/Profibus or Ethernet - being compliant with world leading PLC manufacturers (Siemens, Rockwell Automation, Schneider Electric, Omron, Mitsubishi, VIPA, Modbus,...).

2 IMMEDIATE SETUP

Instant broadband connection across factory LAN. Easy to setup with no firewall issues.

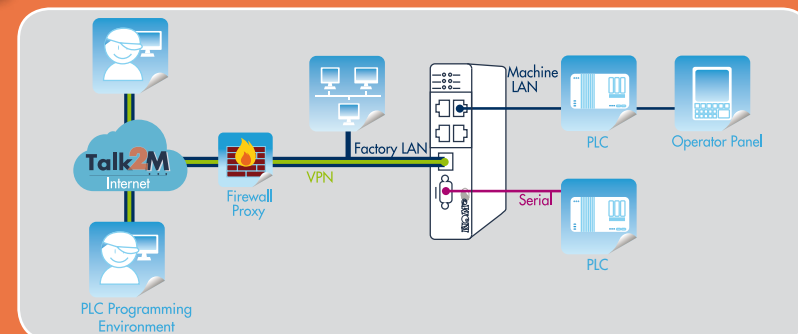
4 SECURE

Fully secure SSL-based VPN tunnel. The VPN access can be controlled with an external key switch.

6 FIREWALL FRIENDLY

NEW

A new simplified user interface for an immediate setup without the need for IT expert's assis.



eWON 2005CD / eWON 4005CD

FULL REMOTE ACCESS SOLUTIONS WITH SERVICES

100% INNOVATIVE
eWON power

APPLICATION
What you can do

REMOTE ACCESS FOR
PLC/HMI/IP CAMERA/...

REMOTE
DIAGNOSTICS

REMOTE
MONITORING

1 2G/3G/3G+

1 SCRIPTING

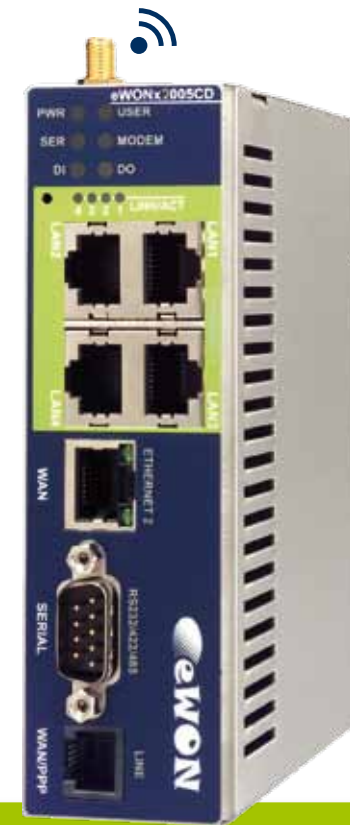
2 WEB HMI

3 DATALOGGING

4 ALARMS

5 TALK2M M2WEB®

2 PSTN/ISDN



🔍 BACKUP MODEMS

1 BUILT-IN 2G/3G/3G+

Built-in 2G/3G or 3G+ modem compatible with cellular networks worldwide.

2 BUILT-IN PSTN/ISDN

Built-in modem for classical dial-up calls.

🔍 EMBEDDED SERVICES

1 SCRIPTING

Using BASIC language scripting, take full advantage of eWON CD's broad versatility and simplicity. Interface with virtually any ASCII serial device via a standard web browser.

2 WEB HMI

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

3 DATALOGGING

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).

4 ALARMS

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).

NEW

Email & SMS relay for alarms now available in Talk2M.



5 TALK2M M2WEB®

Monitor your remote machines and sites from any Web browser interface with a M2Web® connection.

NEW

You are mobile. The world is mobile. Talk2M M2Web® provides an access to eWON web-pages from any Web browser interface, smartphone or tablet.



Select your eWON:

I'M LOOKING FOR...	• Direct Remote access	• Direct Remote access with MPI	• Remote access • Alarms notification • Scripting	• Remote access with MPI • Alarms notification • Scripting	• Remote access • Alarms notification • Scripting • Historical logging • Web HMI	• Remote access with MPI • Alarms notification • Scripting • Historical logging • Web HMI
	eWON COSY		eWON CD			
	eWON COSY 141	eWON COSY 141 MPI	eWON 2005 CD	eWON 2005 CD MPI	eWON 4005 CD	eWON 4005 CD MPI
LAN	EC51410	EC51460	EW26201	EW26261	EW46201	EW46261
LAN + 2G/3G	N/A	N/A	EW2620B	EW2626B	EW4620B	EW4626B
LAN + 2G/3G/3G+	N/A	N/A	EW2620A	EW2626A	EW4620A	EW4626A
LAN + PSTN	N/A	N/A	EW26204	EW26264	EW46204	EW46264
LAN + ISDN	N/A	N/A	EW26203	EW26263	EW46203	EW46263

Technical specifications:

Serial PLC Gateways: MODBUS TCP to MODBUS RTU; XIP to UNITELWAY; EtherNet/IP™ to DF1; FINS TCP to FINS Hostlink; ISO TCP to PPI, MPI (S7) or PROFIBUS (S7); VCOM to ASCII

VPN Tunnelling: Open VPN 2.0 either in SSL UDP or HTTPS

VPN Security: The VPN security model is based on using SSL/TLS for session authentication and the IPSec ESP protocol for secure tunnel transport over UDP. It supports the X509 PKI (public key infrastructure) for session authentication, the TLS protocol for key exchange, the cipher-independent EVP (DES, 3DES, AES, BF) interface for encrypting tunnel data, and the HMAC-SHA1 algorithm for authenticating tunnel data

Web Site: Security: Basic authentication and session control. HTML standard, supports PDA browsers. eWON system and user customizable Web sites. SSI technology (Server Side Include) and Basic scripted ASP (Active Server Pages). HTTP server. Also HTTP client allowing HTML Get & Put requests onto remote HTTP servers.

Hardware: ARM processor @75Mhz, 16Mb SDRAM, 32Mb Flash, Din Rail Mounting
Power supply 12 - 24VDC +/-20%, SELV; consumption: 10 watts.
1x SUBD9 serial port RS232, RS485 not isolated or MPI/PROFIBUS port isolated (12Mbits)
1x RJ45 Ethernet 10/100 base Tx; 1,5kV isolation
4 x RJ45 LAN Ethernet 10/100 base Tx (integrated Switch); 1,5kV isolation
1x digital input: 0/24VDC; 3,5kV isolation
1x digital output: open drain (MOSFET) 200mA@30VDC; 3,5 kV isolation
Operating temperature range: -20°C to 70°C (except for PSTN/ISDN versions), 80% humidity (no condensation)
Dimensions: 129(Height) x 108(Depth) x 39(Width) mm; Weight: <500gr
CE/cCSAus labelled

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