NEW!

INDUSTRIAL REMOTE CONNECTIVITY ROUTERS
PLC remote access and teleservice
eWON COSY 141 123
DIRECT REMOTE ACCESS FOR PLCs

1 100% 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®
Connect any Ethernet devices without the need to configure the gateway.

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

3 TALK2M READY
Cloud based solution. One click to connect within fully secure VPN tunnel. Unlimited in time FREE service.

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

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,…).

6 FIREWALL FRIENDLY

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

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**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 CAMERAS/…
- REMOTE DIAGNOSTICS
- REMOTE MONITORING

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**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).

5. **TALK2M M2WEB®**
   Monitor your remote machines and sites from any Web browser interface with a M2Web® connection.

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**NEW**

- E-mail & SMS relay for alarms now available in Talk2M.
- You are mobile. The world is mobile. Talk2M M2Web® provides an access to eWON webpages from any Web browser interface, smartphone or tablet.
Select your eWON:

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Technical specifications:

**Serial PLC Gateways:** MODBUS TCP to MODBUS RTU, XIP to UNETELWAY, EtherCAT/IP™ to DF1; FINS TCP to FINS Hostlink, ISO TCP to MPI, MPI (S7) or PROFIBUS (S7), VCOM to ASREL

**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. SSL 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

Your distributor:

www.ewon.biz