



PRODUCT CATALOGUE | 2012



ISO 9001:2008 CERTIFICATION



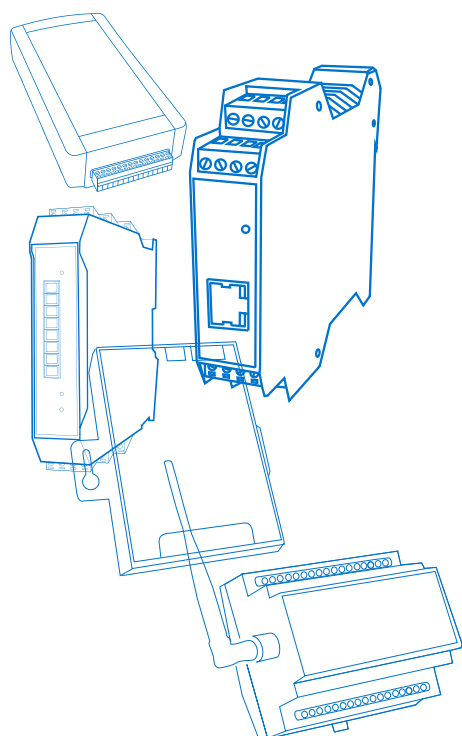
UL 60950 CERTIFICATION



EUROPEAN COMMUNITY
CE CERTIFICATION



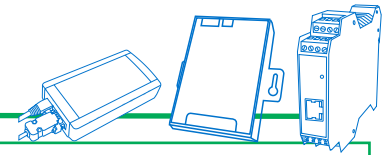
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Serial server

Serial to Ethernet



Serial Servers, Serial to Ethernet, can convert the information from any serial port RS232/485/422 to Ethernet data network TCP / IP. In this way an electronic device that was originally designed to get their information locally, thanks to a serial server can pass data to an Ethernet network or even Internet.

Industrial Serial Server



SSE232-IA

Comercial Serial Server



SSE232-ST

Low End Serial Server



SSE232-LE

Serial Server with Buffer



SSB-LE

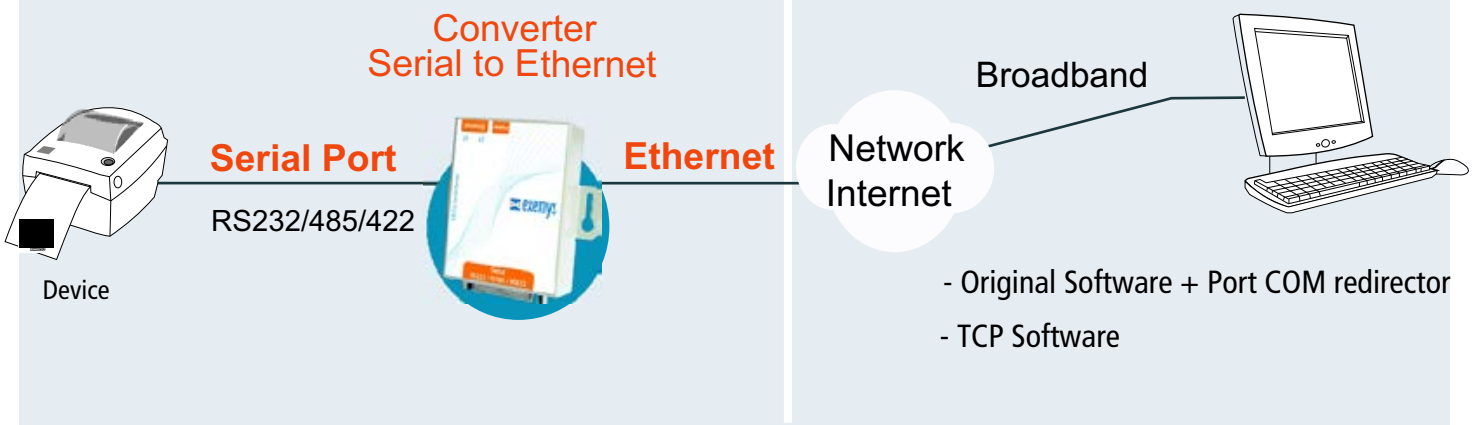
OEM Serial Server



SSE232-OE

APPLICATION

REMOTE ACCES

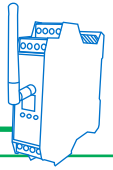


Serial Server Serial to Ethernet benefits:

- It provides the platform TCP / IP to serial devices, making more efficient remote operation of the devices.
- Reduce labor costs for maintenance and operation of the devices.
- Improve downtimes of machines and remote computers.

Serial server

Serial to Wi-Fi



Serial Servers, Serial to Wi-Fi, convert data from any serial RS232/485/422 port, to a Wi-Fi wireless network, enabling remote connectivity for such devices without the need for costly cabling and infrastructure.

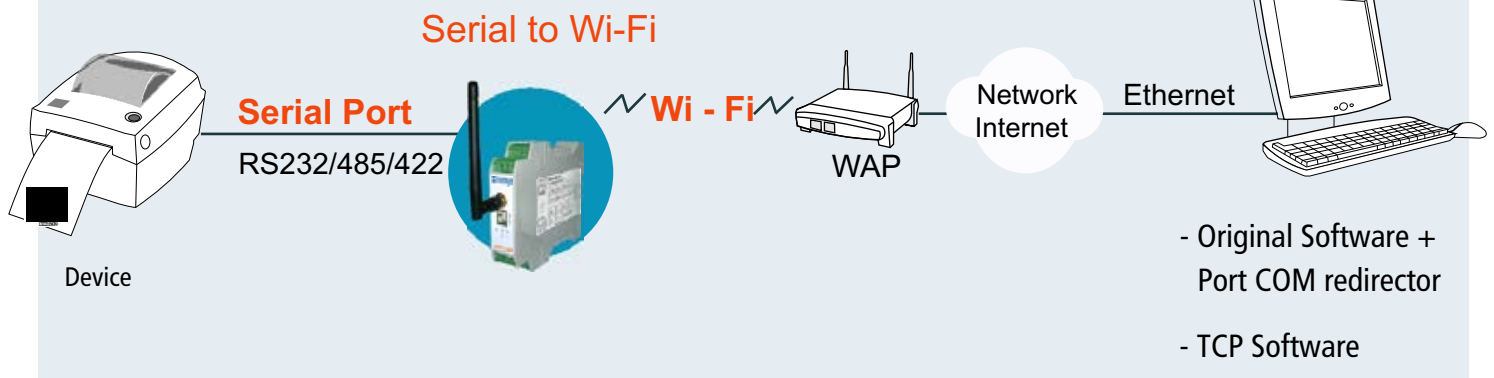
Serial ServerWi-Fi



SSW

APPLICATION

REMOTE ACCES

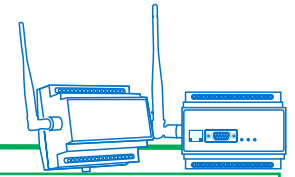


Serial Server Serial to Wi-Fi benefits:

- Eliminates costly wiring.
- Lets get where cable can not.
- Facilitates plant renovations.

Serial server

Serial to Cellular GSM



Serial Servers, Serial to Cellular, allow you to convert data from any Serial Port, to a Cellular GSM/GPRS Network, and thus to internet, facilitating the connection of these devices, anywhere in the world.

Serial Server GPRS



GRD1300

APPLICATION

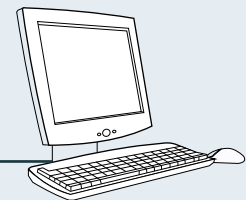
REMOTE ACCES

Serial converter to GPRS



Network
Cellular/
Internet

Middleware



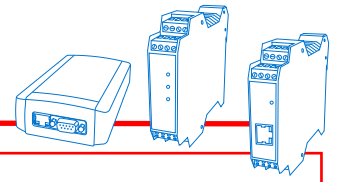
- Original Software + Port COM redirector
- TCP Software

Serial Server Serial to Cellular GPRS benefits:

- Lets go with a serial port, where they do wired networks.
- It establishes a serial data tunnel, with devices connected anywhere in the world.
- It is designed especially for control of remote assets.

Protocol Converters

Ethernet to Serial



The protocol converter enables you to connect electronic devices that communicate using different communication protocols or languages. Thus, the converter acts as a translator of languages for communication, allowing for example the interfacing of different brands

TCP Modbus to Modbus Serial

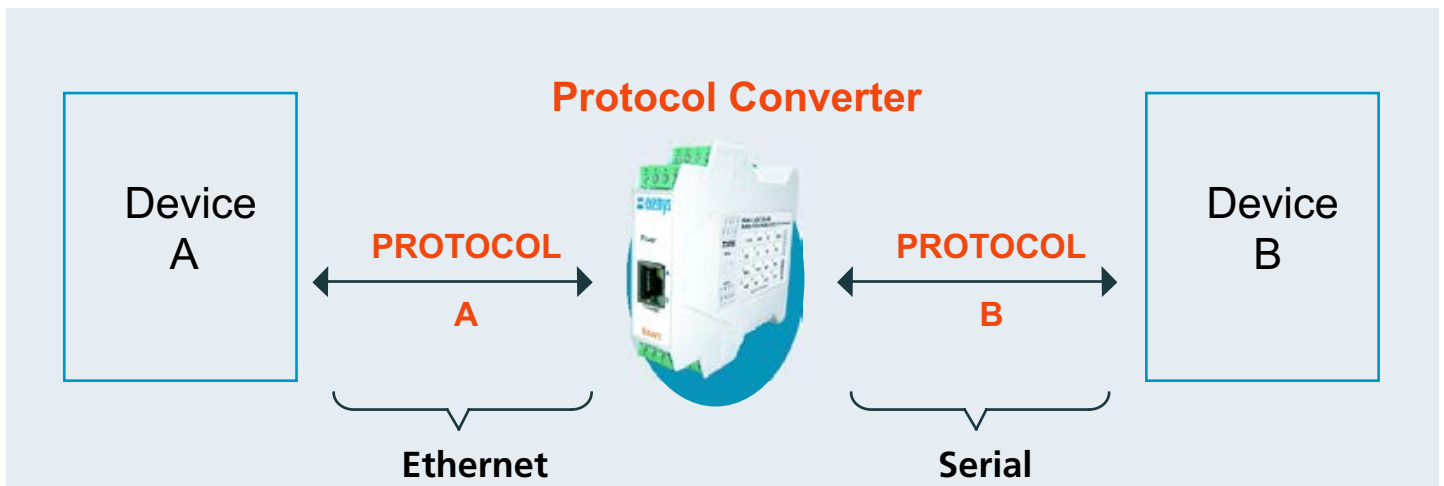


EGWI-MB

TCP Modbus to Df1



EGW1-MB-DF1

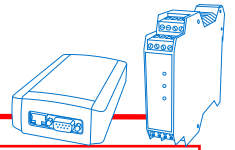


Protocol Converters benefits:

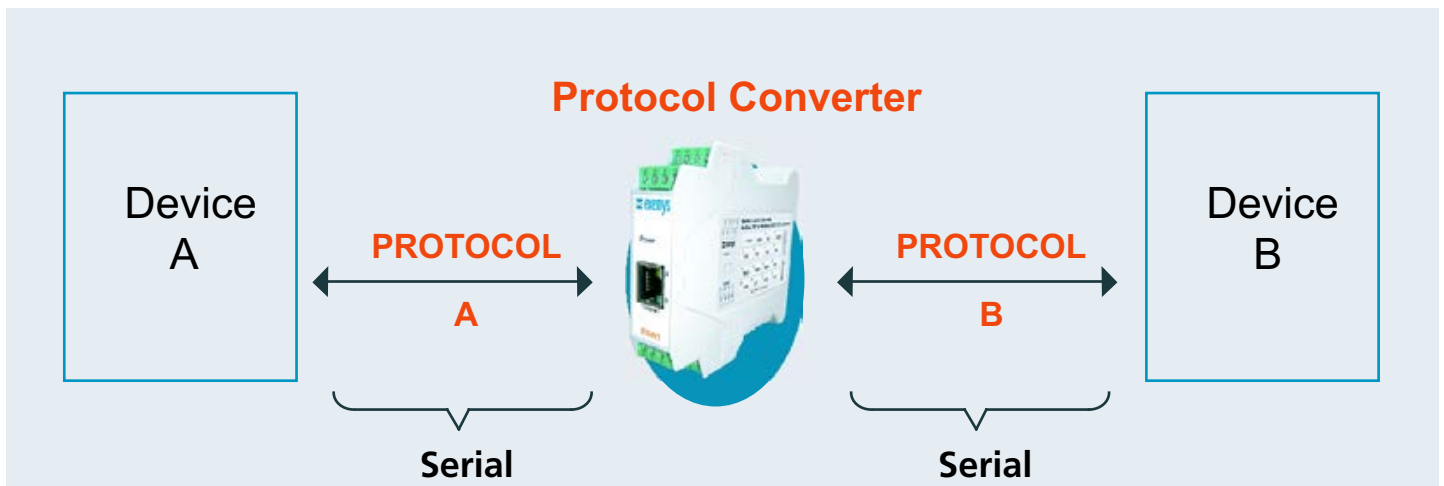
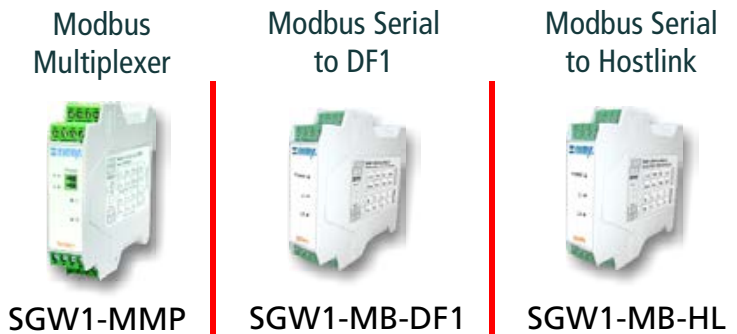
- Allows you to connect equipment from different brands.
- They are very easy equipment installation.
- They lack the complexity and problems of computers and special software.

Protocol Converters

Serial to Serial



The protocol converter enables you to connect electronic devices that communicate using different communication protocols or languages. Thus, the converter acts as a translator of languages for communication, allowing for example the interfacing of different brands

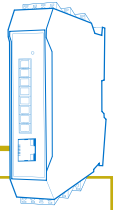


Protocol Converters benefits:

- Allows you to connect equipment from different brands.
- They are very easy equipment installation.
- They lack the complexity and problems of computers and special software.

Analog Acquisition Modules

Modules with Ethernet TCP/IP Interface



Analog Modules could obtain information from field sensors and transducers, sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using different Ethernet communication protocols.

4-20mA / 0-10V



RME1-AI

Thermocouple

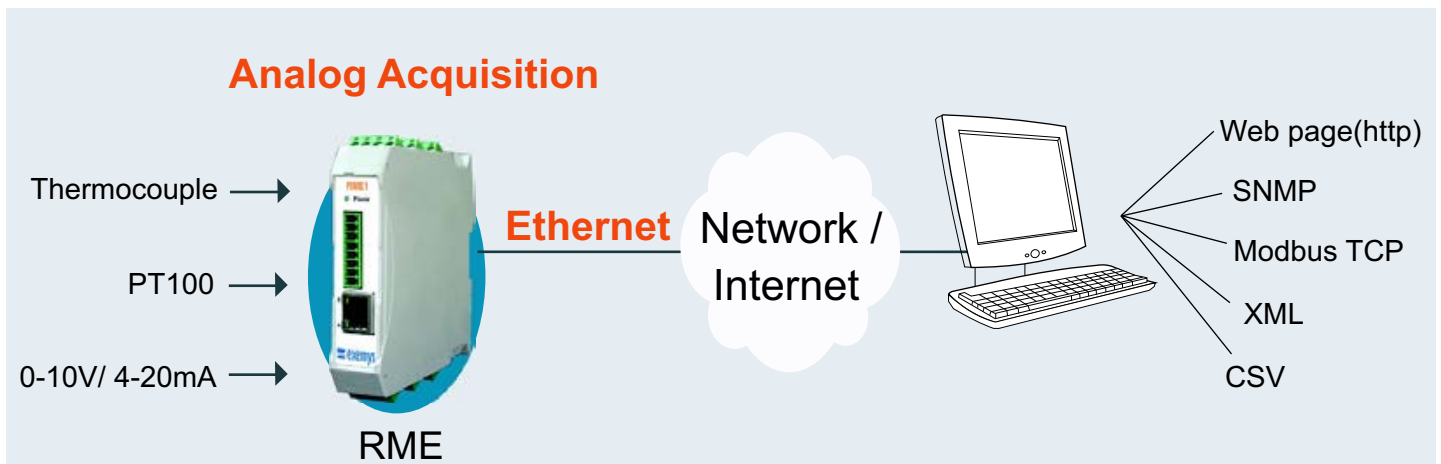


RME1-TC

PT100



RME1-PT

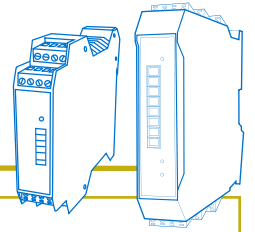


Modules with Ethernet TCP/IP Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to its 5 communication protocols

Analog Acquisition Modules

Modules with Modbus Interface



Analog modules allow to obtain the information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using the Serial Modbus communication protocol.

4-20mA / 0-10V



RMS1-AI

Thermocouple



RMS1-TC

PT100



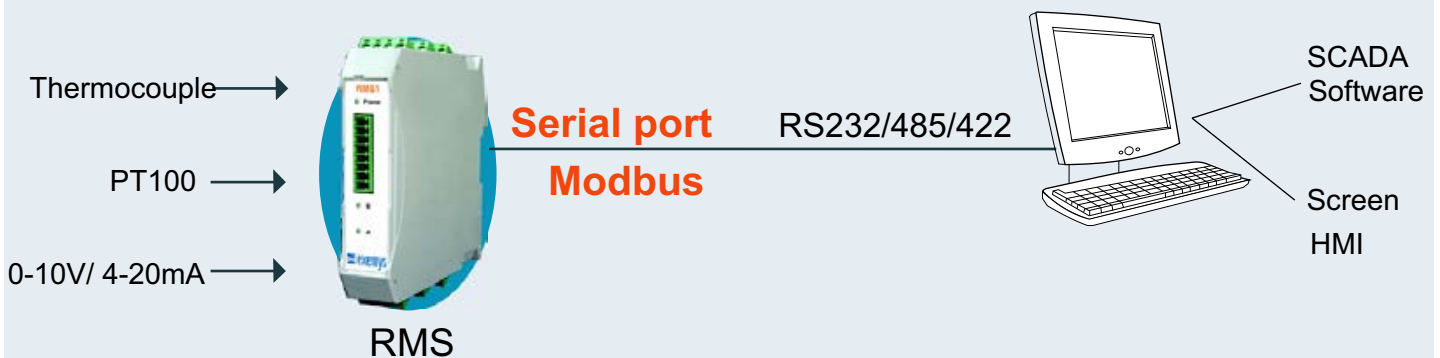
RMS1-PT

Digital Temperature to Modbus



RMS1-TD

Analog Acquisition

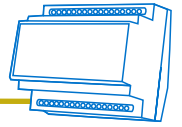


Modules with Modbus Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to the universality of Serial Modbus protocol.

Analog Acquisition Modules

Modules with Modbus Interface

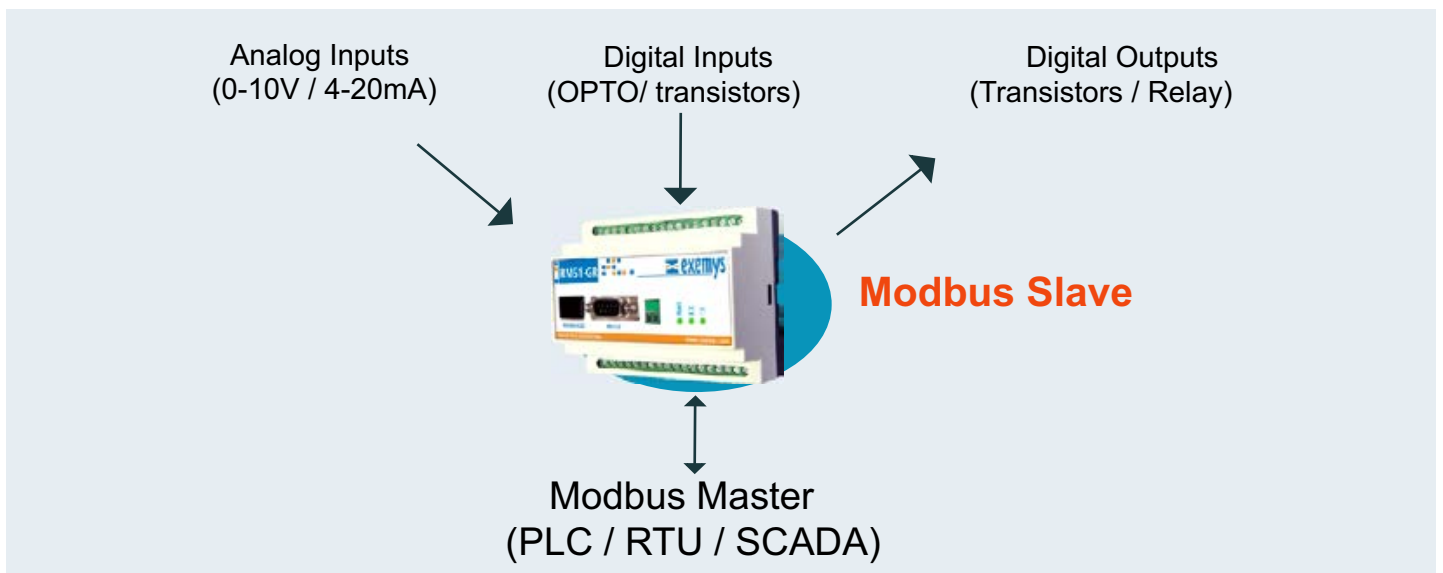


Analog modules allow to obtain the information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system, using the Serial Modbus communication protocol.

Modbus I/O Expansion Module



RMS1-GR

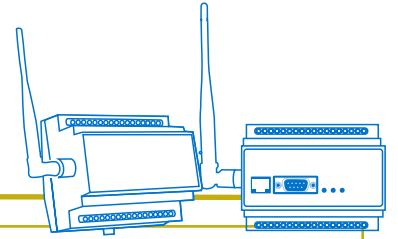


Modules with Modbus Interface benefits:

- Lets get the measurements of sensors and transducers, remote and distributed.
- The information obtained can be taken by any intelligent system software or hardware (SCADA, PLCs, PCs)
- Reduces the cost of acquisition per point.
- It can connect to devices of different brands, thanks to the universality of Serial Modbus protocol.

Analog Acquisition Modules

Modules with Cellular Interface



Analog Modules can obtain information from sensors and transducers, field sensors such as temperature, pressure, humidity and others. The acquired information remains available for communication with other intelligent device like a PC, PLC or SCADA system through a cellular data communication via GPRS or SMS messages.

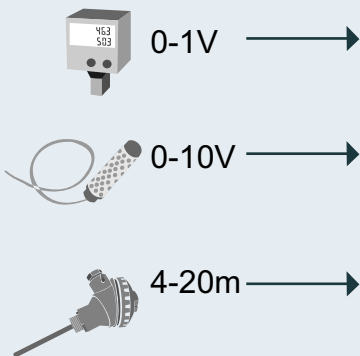


Data Acquisition

Communication

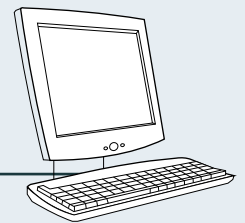
Access to information

SENSORS



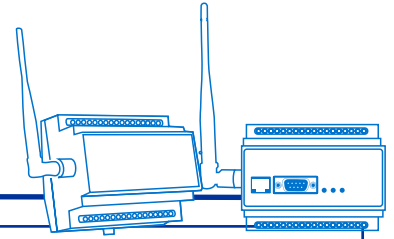
SMS / GPRS
 Cellular network
 / Internet
 +
 Middleware

Broadband



- Web page
- SCADA Software
- Proprietary Software

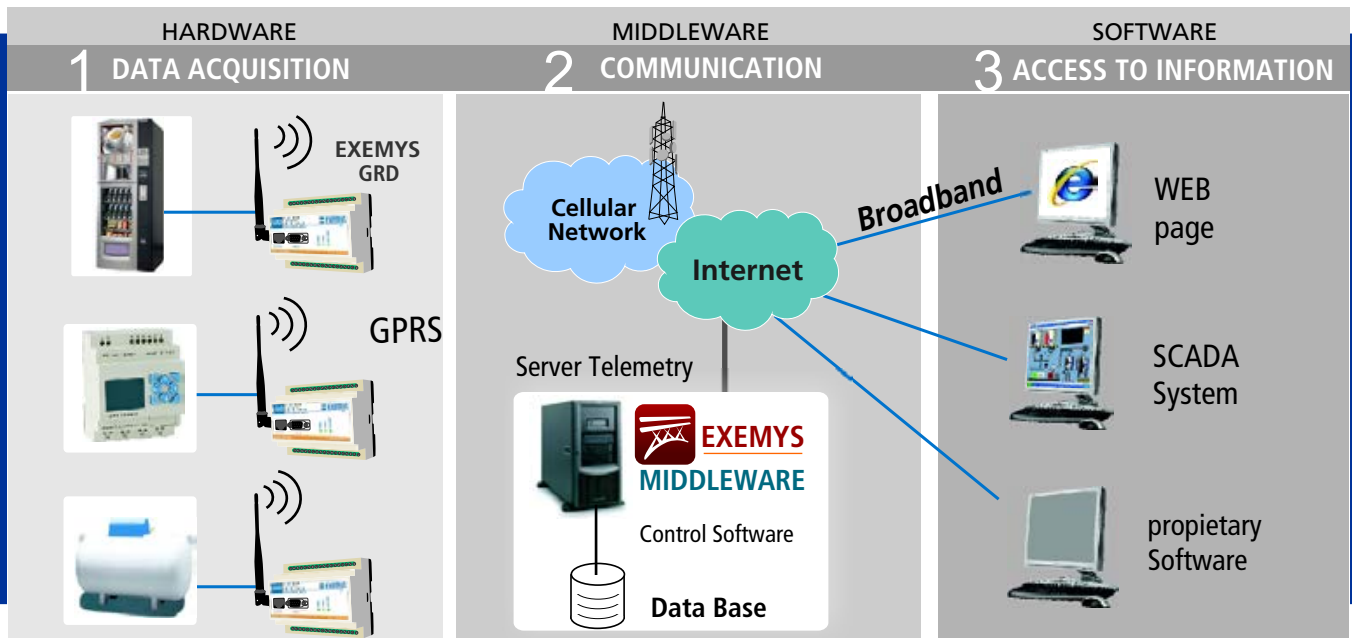
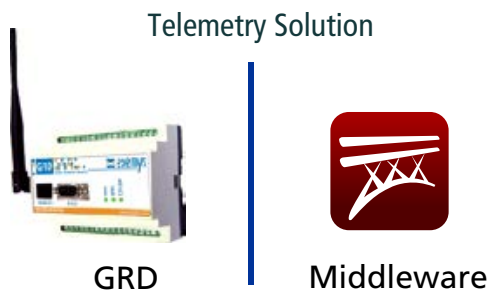
GPRS Cellular Telemetry



Exemys Cellular Telemetry solution covers all field acquisition devices with GPRS communication, the concentrator software of devices and the different collection and visualization tools or final registration of the information

The main components of the complete solution are:

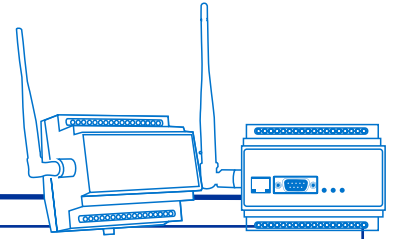
- 1) Data acquisition (Hardware)
- 2) Communication and Intermediation (Software)
- 3) Access to information (Final user)



Cellular Telemetry benefits:

- Low cost per measurement point.
- Simple and economical installation.
- Real-time Operation

GSM Telemetry Web Server

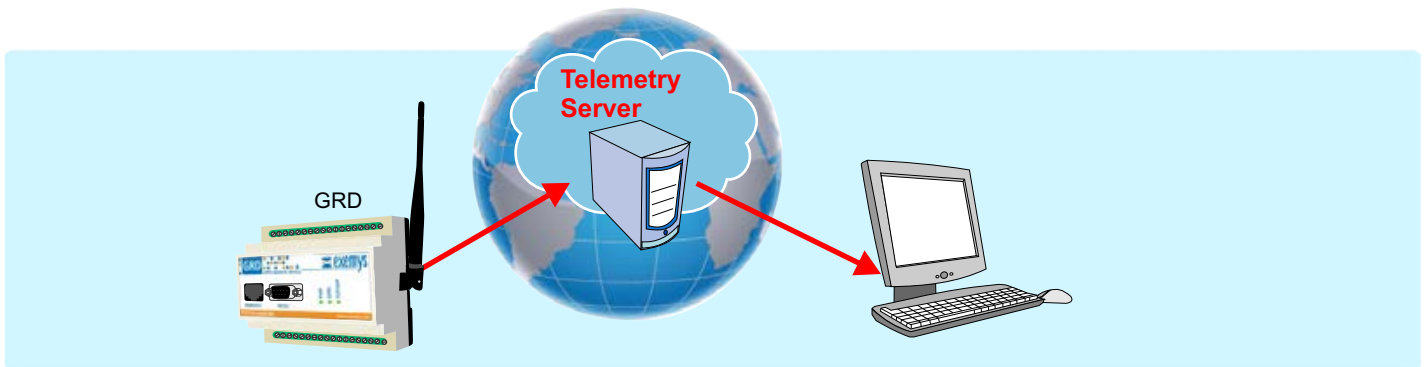


What is a GSM Telemetry Web Server?

It is a powerful computer with Internet access, dedicated exclusively to hosting Cellular Telemetry Applications.

How it works?

With this new server, you can implement immediately, all applications of cellular telemetry, using pre-designed web pages. Just connect sensors to the Exemys GRD Devices, and configure in minutes, your application.



Benefits

- Immediate implementation of applications
- Avoid costly hosting services
- Simple Web access to all field devices
- Robustness and Reliability of a Datacenter

What kind of applications can be deployed ?

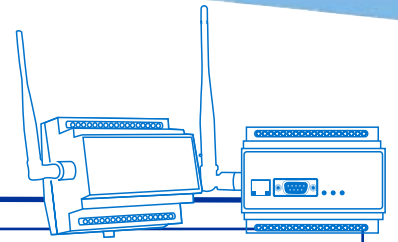
Remote Monitoring

- Water or Fuel tanks
- Grain Silos
- Weather Stations
- Motor-generator power
- Uninterruptible Power Supplies, UPS
- Machines and Processes in general

Remote Control

- Stop valves for oil and gas
- Water Pumps
- Electronic Signs
- Industrial Refrigerators
- Vending Machines
- Programmable Controllers, PLCs
- Remote Terminal, RTUs
- Machines and Processes in general

SMS Cellular Telemetry

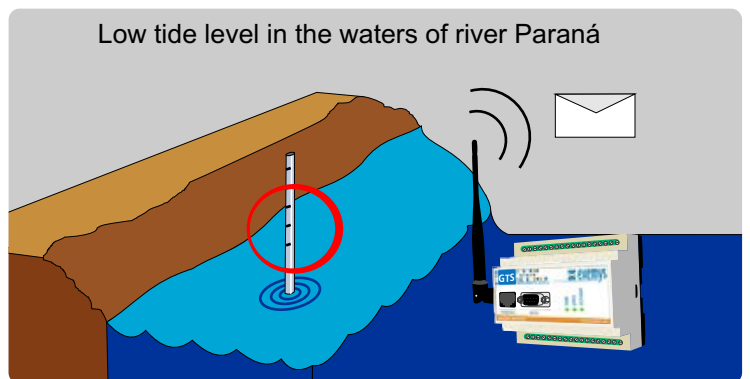
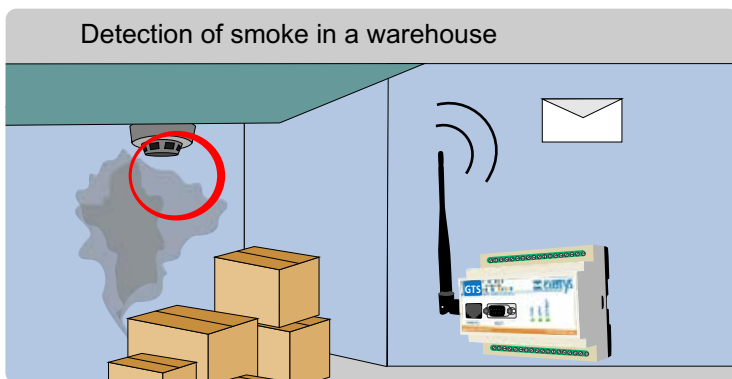
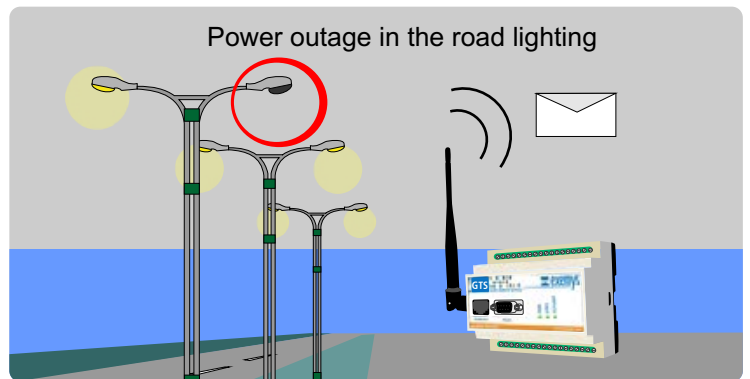
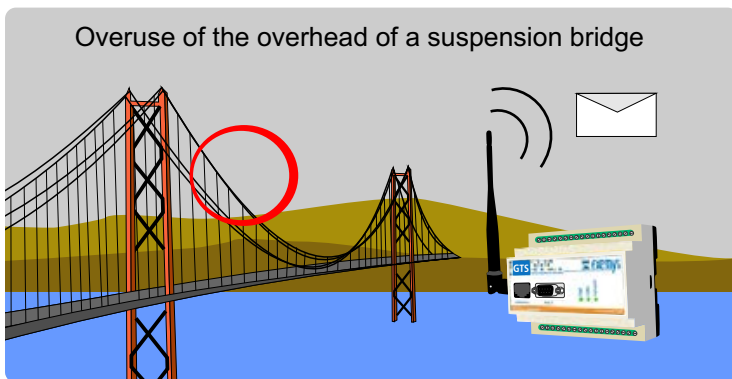


GTS is a device that acquires events and alarms and gives access to remote inputs and outputs from remote devices, via SMS text messages from mobile phones.

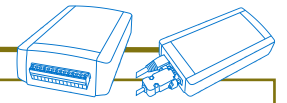


Cellular Telemetry benefits:

- Low cost per measurement point.
- Simple and economical installation.
- Real-time Operation



Internet based supervision



This state-of-the-art, powerful device provides interaction with different electric and electronic equipment through a standard Internet browser

e-mails Based Supervision



KIBE

Web Based Supervision

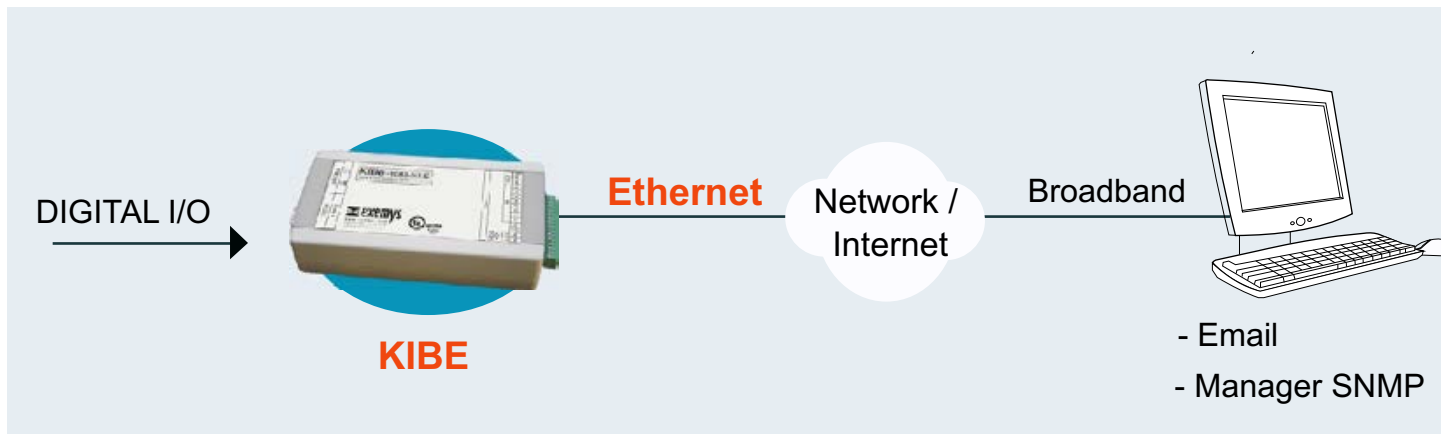


DABin

Alarm via SMS



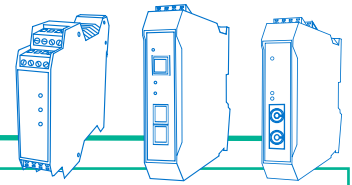
GTS



Internet based supervision benefits:

- Control devices can be anywhere in the world.
- The display is designed in a web page.

Media Converter



The media converters allow you to transform electrical or optical signals of a certain standard to another.

RS232 to RS485/422



MCV1

Fiber Optics to Ethernet

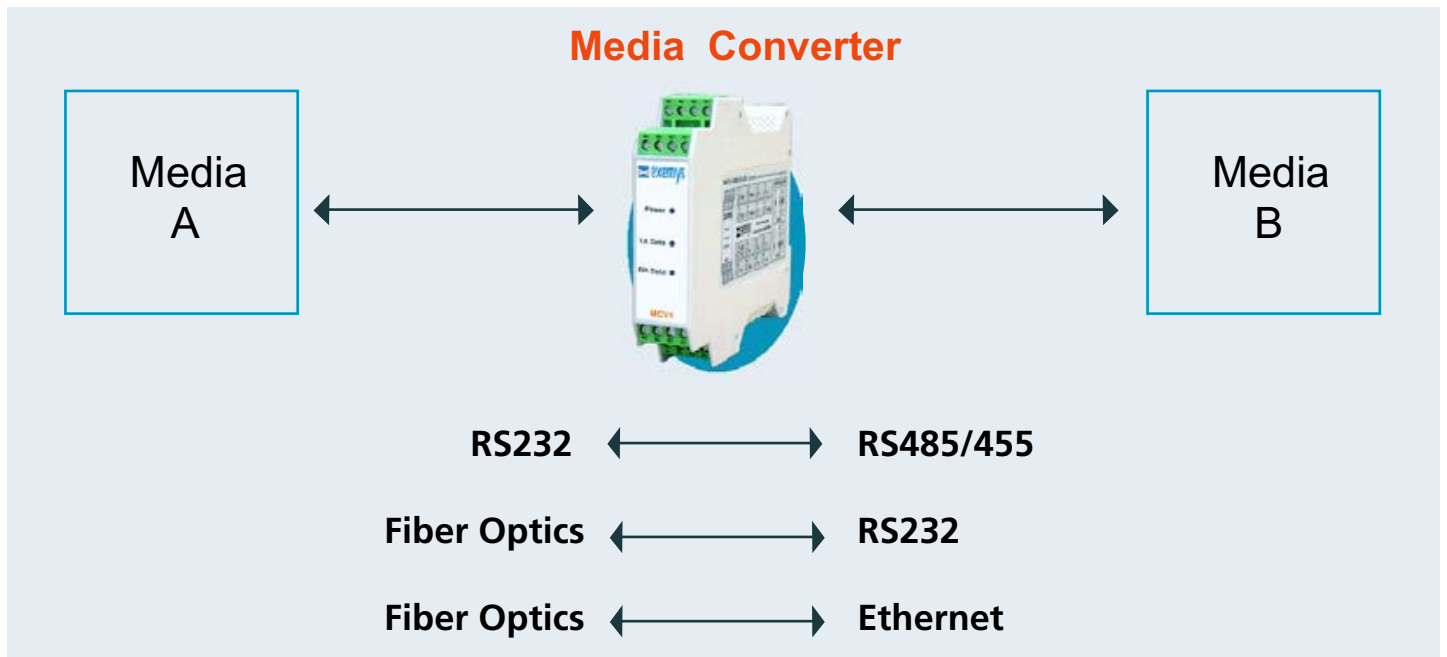


MCV1-FO-ETH

Fiber Optics to Serial



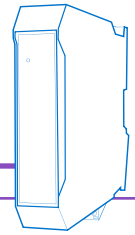
MCV1-FO-SER



Media Converter benefits:

- Extend local communications over long distances.
- Avoid electrical noise interference during communication.
- Can connect devices to each other, with different communication standards.

Power supplies DC-DC



Exemys DC-DC (power surces) allows to connect electronic devices that requires the isolation of the power surce from critical applications. Ideal for industrial or comercial purposes.

Power supplies DC-DC



DCEX

ISOLATION

INPUT VOLTAGES

12 - 24 - 36 - 48 - 72 (Vdc)
Positive or Negative



OUTPUT VOLTAGE

3.3 - 5 - 7.5 - 10 - 12 - 24
36 - 48 - 52 - 72 (Vdc)
Positive or Negative

Power supplies DC-DC benefits:

- Allow to electrically isolate devices from other more critical control and monitoring.
- Avoid electrical noise currents and circulation of mass / earth undue
- Facilitate the conversion of negative to positive sources

Software

Exemys Com Port Redirector (ECPR)



The Serial/IP® COM Port Redirector creates virtual COM ports for applications to use networked serial servers, with no change to application software.

Compatible with a wide range of TCP/IP-based serial servers, the Serial/IP Redirector supports advanced protocols and offers highly configurable virtual COM ports

ActiveX API The Serial/IP ActiveX API lets applications reconfigure the Serial/IP Redirector at run-time to change virtual COM ports and their settings without using the Serial/IP Control Panel

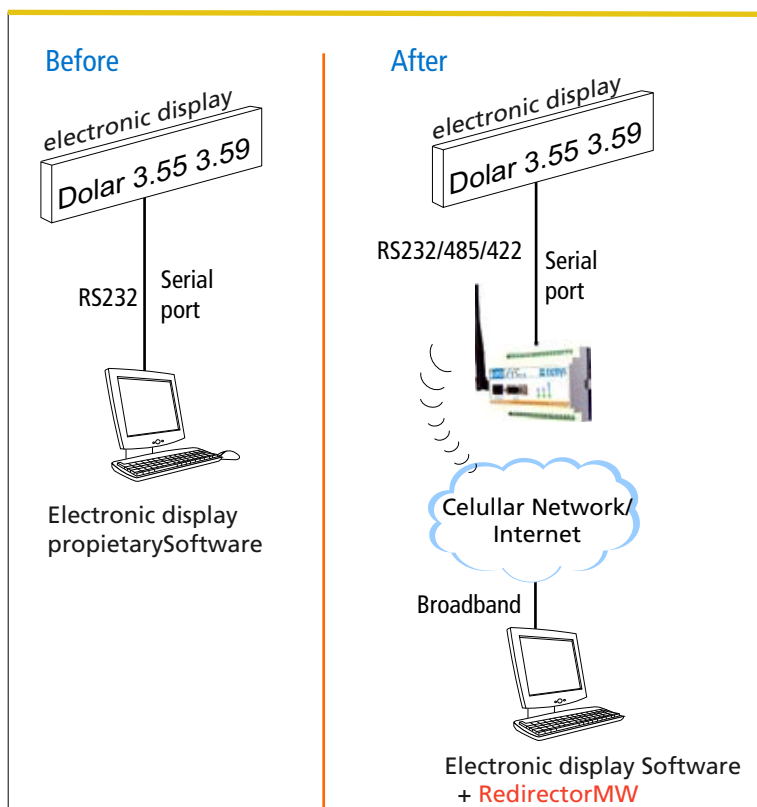
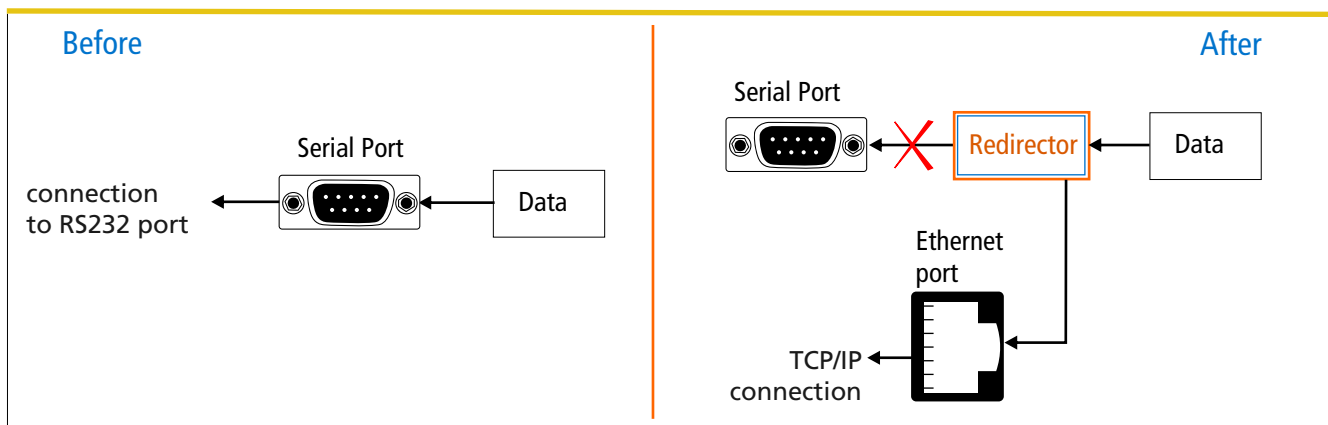
Encryption Optional SSL encryption lets the Serial/IP Redirector securely communicate with SSL-enabled serial servers located on untrusted networks — including the Internet.

Software

MW Redirector Software



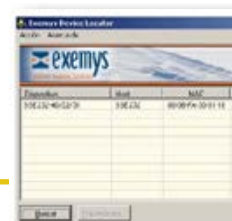
The MW Redirector Software creates virtual COM ports for applications to use remote cellular devices (GRD), with no change to application software.



- The application software uses virtual COM ports instead of local COM ports.
- Recovery of failed connections
- Shows no available serial ports used by the hardware.

Software

Exemys Device Locator (EDL)



Allows to localize and configure Exemys devices inside LAN

- No need to know MAC to configure
- Identifies any Exemys device
- Configuration protected by password.

DABin Configuration Manager (DCM)



Allows to configure those variables required to be shown in embedded WEB.

- Supports Modbus, Hostlink and Df1.
- Monitors configured tags.
- Configurable and customizable WEB.
- Remote configuration with or without PROXY HTTP/FTP.
- Allows to upload embedded WEB.



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EUROPEAN COMMUNITY
CE CERTIFICATION



SOFTWARE LAW
CERTIFICATION

