

Reach your PLC via the eWON proxy feature

1. Change the Gateway service port

If you use one of the PLC types which are supported by the eWON, then you must first change the Port on which eWON is listening for the "Gateway service". If not, eWON may encounter a problem because the same incoming port will be used twice. (see "Socket Bind error" explanation)

The port on which eWON listens for the Gateway Service can be modified under following menu:

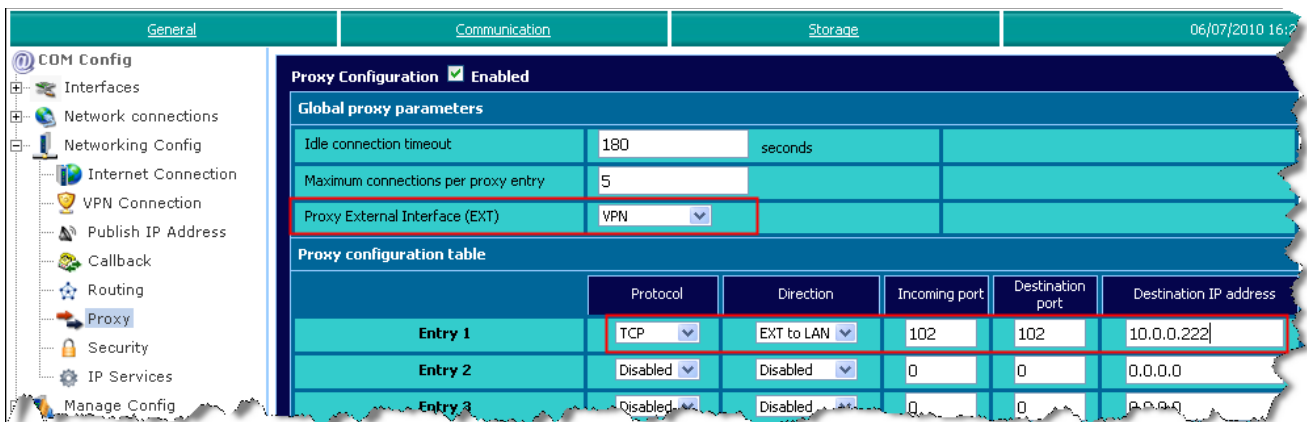
IOServer\ GlobalConfig

For example to change the Gateway Service port for the Siemens Ethernet protocol, set the ISOTCP port to 1102

- Note -

You need to reboot the eWON to apply this change.

2. Open the eWON Proxy Configuration page, and set the following proxy rule:



For the Proxy External Interface (EXT) select the interface you want to use for the remote connection (WAN, PPP Incoming, VPN):

- If you use a Talk2M connection, select VPN.
If you use a GPRS connection without VPN, select WAN
If you use the second Ethernet interface (Ethernet WAN) without VPN, select WAN
If you connect to the eWON using an incoming modem connection (PSTN, ISDN, or GSM data), select PPP Incoming.

For the Incoming port and Destination port set the port which is used by the PLC protocol (ex.: 102 for the Siemens IsoTCP protocol). See table hereunder for other PLC protocols.

In the Destination IP address, enter the IP address of your PLC.

3. Reboot the eWON, to apply point 1.

To realize the remote connection to your PLC, you must now use in the programming software the eWON IP address instead of the PLC IP address. So If you use for example a Talk2M Connection, then use the VPN IP address of the eWON in the programming software to allow the remote connection.

Standard ports used by PLC protocols:

Used ports	
TCP 102	ISOTCP
TCP 502	ModbusTCP
TCP/UDP 9600	FINS
TCP 44818	EthernetIP
UDP 161	SNMP

Revision

Revision History

Revision Level	Date	Description
1.0	31/01/2011	Creation of document

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