Cosy Network Configuration

Allow Internet Access for Cosy LAN Devices

1. Introduction

In a typical Ewon Cosy installation, all communication through the Cosy occurs within an encrypted VPN tunnel. This restriction prevents the remote user from reaching any device not connected directly to the Cosy's LAN. This restriction also prevents devices on the Cosy's LAN from reaching the internet.

In applications where a device on the Cosy's LAN needs internet access, the Cosy can be configured to act as a gateway and allow traffic from its LAN network to its WAN network. For example, a PC on a machine might need to reach the internet to send status or alarm notification emails. The Cosy can be configured to act as a gateway for the PC and allow it to reach the internet.

Note:

The internet requests to and from the device behind the Cosy will not travel through the VPN tunnel. As a result, if your network has a strict firewall that prevents traffic outside the VPN tunnel, you will need to work with your IT manager.
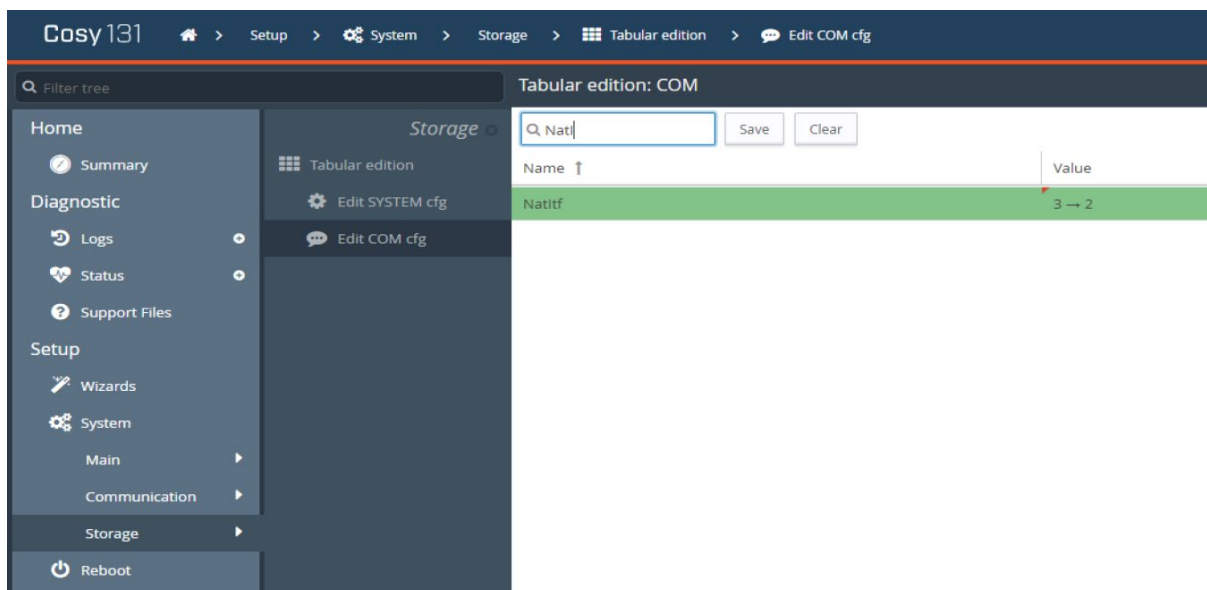
2. Configure the Ewon Cosy

Use the Tabular edition tool to modify the required COM parameters on your Cosy. The Tabular addition tool is accessible from **Setup > System > Storage > Tabular edition**
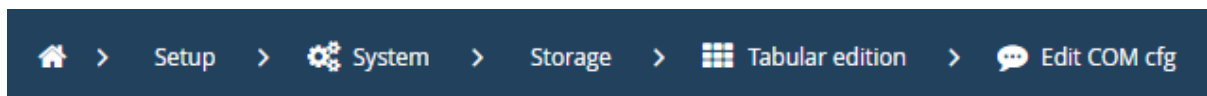
To modify a parameter, double click on a parameter's value and enter the new value.

Click the Save button to save your changes.

Alternatively, these parameters can be added to a comcfg.txt file and applied to the Cosy by SD card or USB drive as described in:

AUG-0062-00-Easy Commissioning Via SD Card and USB drive

3. Configure LAN Devices

Your NAT and TF settings on the Cosy are now set to "NAT and TF on WAN".
This configuration turns off the Plug'n Route (NAT on LAN) feature of the Cosy.

You will need to make sure that all Ethernet devices on the Cosy's LAN network have the Cosy's LAN IP address as their gateway address. If you do not take this step, you will not be able to reach those devices through your VPN connection.

Additional configuration steps are required for the device that needs to access the internet. In addition to setting its gateway to the Cosy's LAN IP address, you must specify a valid DNS server. The DNS server can either be the DNS server you specified when you configured your Coys's WAN settings or can be a public DNS server.

Important User Information

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