

Ewon Cosy 131

USER MANUAL

UM-0004-00 1.1 en-US ENGLISH





Ewon



Important User Information

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1 Preface

1.1 About This Document

This document presents the features of the Ewon Cosy 131 and explains briefly the steps to take to get a functional Cosy 131.

For additional related documentation and file downloads, please visit <u>www.ewon.biz/support</u>.

1.2 Document history

Version	Date	Description
1.0	2018-05-03	First release
1.1	2018-08-29	Added: NTP Client / Server Added: Anybus Bolt Configuration Added: Easy APN

1.3 Related Documents

Document	Author	Document ID
eBuddy	HMS	AUG-0063-00
Talk2M	HMS	AUG-0028-00
eCather Mobile	HMS	AUG-0072-00
M2Web	HMS	AUG-0058-00
Wan Fallback	HMS	КВ-0286-00

1.4 Trademark Information

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2 Requirements

2.1 Hardware

This guide presents the features of the Cosy 131 which is used for remote access your devices.

2.2 Software

The Cosy 131 is configured through its web interface which is accessible with any modern web browser. The recommended platforms are:

- Firefox 15 and higher.
- Chrome 16 and higher.
- Safari 11 and higher.
- Edge 13 and higher.

eBuddy

The eBuddy application assists with initial IP address configuration for the Ewon Cosy 131 as well as maintenance tasks such as upgrading firmware, creating/restoring backups...

Download eBuddy.

eCatcher

The companion tool eCatcher is required if you wish to connect the Ewon Cosy 131 to the Talk2M infrastructure. It also allows to create and set up a Talk2M account.

To install eCatcher, you will need the administrator rights on the computer.

Download eCatcher.

3 Access to the Ewon Cosy 131

In this section, we will explain the following actions:

- 1. Assign an IP address to your Ewon Cosy 131, different than the default IP address.
- 2. Register your Ewon Cosy 131 to a Talk2M account.
- 3. Access the web interface of the Ewon Cosy 131 to begin its configuration.

3.1 Assign an IP Address

You can establish the first communication with the Ewon Cosy 131 using the eBuddy application (check *Software, p. 4* for more details about eBuddy).

By default, the IP address of the Ewon Cosy 131 is set to 10.0.0.53 which in some circumstances might need to be changed.

To change the IP address of the Ewon Cosy 131, proceed as follows:

1. Connect the port labeled as LAN (port #1) of the Ewon Cosy 131.

This can be done either point-to-point (computer <> Ewon Cosy 131) or through a network if the default IP of the Cosy 131 will not conflict with another connected device.

2. Start the eBuddy application.

The application scans through the Ethernet adapter network, identifies the connected Ewon devices and display their IP address, subnet mask and serial number.

eBuddy also allows the modification of the default IP address without necessarily being in the same network range.

- 3. Optional: Highlight the row representing the device to be modified.
- 4. Click on the button **Set IP** from the top bar menu.
- 5. Indicate the serial number of the Ewon Cosy 131 that you want to modify.
- If you went through step #3, the serial number is provided automatically.
- 6. Click Next.
- 7. Enter the <new IP address> and its <subnet mask>.
- → By clicking Next, eBuddy sends the commands to the Ewon Cosy 131 to change its IP address and to reboot.
- 8. Once the reboot completes, you can access the Ewon Cosy 131 using its new LAN IP address.

3.2 Talk2M Account Configuration

Talk2M offers a secured and easy way to set up a remote connection over the Internet.

To allow the remote access, you need to link the Ewon Cosy 131 to the Talk2M infrastructure, more specifically to a Talk2M account.

To configure the Talk2M account:

- 1. Launch eCatcher and log into your Talk2M account.
 - ► To download and install eCatcher, please refer to eCatcher, p. 4
 - In case you do not have a Talk2M account yet, click on Create a Free+ Account and follow the prompts on the screen. Once you've created the Talk2M account, an email will be sent with the activation link and instructions.
- 2. Click on the icon +Add to add the Ewon Cosy 131 to your Talk2M account.
- 3. Follow the screen prompts.
 - Be aware that some options require the full telephone number, county code included
- 4. Copy the **<Activation Key>** to the clipboard in the last step of the wizard. You will need it later during the Talk2M wizard of the Ewon Cosy 131 configuration.

The Ewon Cosy 131 is now successfully listed in the **<Ewon list>** of eCatcher.

3.3 Access the Web Configuration Interface

The configuration of the Ewon Cosy 131 can be done using its embedded web interface.

As your computer is connected to a LAN port of the Ewon Cosy 131, open an Internet browser and enter the LAN IP address of the Cosy 131 in to the address field.

If the computer is not in the same network address range as the Ewon Cosy 131, its web pages can be reached using the *EZ DHCP* feature of the eBuddy utility. For more information, refer to. eBuddy from the *Related Documents, p. 3*

Before beginning the configuration of the Ewon Cosy 131, authentication is required. The default login and password are both **adm**.

!

For security reasons, you are required to change the default password. The password can be changed through the *System Wizard* described below.

At first boot or after a reset level 2 of the Ewon Cosy 131, and after successfully logging in, a prompt will appear to set the interface language.

After you have selected the interface language, the Ewon Cosy 131 will propose a configuration wizard which leads to a quick configuration of the system and communication settings. On later connections, the configuration wizard is accessible through the *Wizards* button in the upper right corner.

4 Quick Launch Wizard

	System
	() Internet
Quick Launch Wizard System + Internet + Talk2M	T2M Talk2M
This wizard will drive you through the eWON configuration steps: 1. System 2. Internet 3. Talk2M	DI Config
You can also run the configuration steps separately by using the right tab menu.	

Fig. 1 Quick Launch Wizard Button

The Quick launch wizard will guide you through the different setup wizards to configure your Ewon Cosy 131 for remote connection trough Talk2M:

- The *System Wizard* configures basic system settings such as the date & time and the default username & password.
- The Internet Wizard configures the WAN communication settings.
- The *Talk2M Wizard* establish a VPN between the Ewon Cosy 131 and the Talk2M infrastructure.

4.1 System Wizard

The System Wizard configures basic system settings.

On the first screen of the System Wizard, enter the Ewon name.

System Wizard User Setup	7			1 2 3 4	System
	User Setup			_) Internet
		🕑 Erase all first	All configuration parameters will be reset		T2M
	Ewon name:	Ewon	Will help you identify the Ewon		Talk2M
		adm	The Username is not editable		ス
	Password:	•••••	Ø		DI Config
	Retype-Password:	•••••			
Cancel QuickLau	Inch Skip this wizard		<	Previous Next >	

Fig. 2 System Wizard User Setup

For security reasons, you are required to change the default password for the adm user.

On the second screen of the *System Wizard*:

- Configure the accurate <date and time> settings. For Talk2M communication, it is
 imperative that the date of the Ewon Cosy 131 is correct.
- Configure the <Timezone> settings:
 - click either on the arrow or the map icon.
- Set the URL of the remote <NTP server>. By default, ntp.talk2m.com is set. This field is shown only if Update clock via NTP is selected.
- The <time interval> used to update the clock. This field is shown only if Update clock via NTP is selected.

System Wizard 7 2 3 4	System
Clock setup Timezone: Etc/GMT (UTC) Configure update of clock: Update clock via NTP NTP Server address: ntp.talk2m.com Update interval: 1440 Minutes	Internet T2M Talk2M
Cancel QuickLaunch Skip this wizard < Previous Next >	

Click Next to proceed to the next screen.

Fig. 3 System Wizard Date and Time

The third screen of the *System Wizard* shows the standard attribution of the four ports Ethernet switch.

The ports #1, #2, #3, will be dedicated to LAN — *localaccess* — network and port #4 will be dedicated to WAN — *Internet access* — network.

The attribution of a port can be easily recognized by its LED color:

- Orange for a WAN port.
- Green for a LAN port.



Fig. 4 System Wizard LAN/WAN Configuration

Click Next to finish the System Wizard settings.

System Wizard 🧭	1 2 3 4	System
Diagnosis		(C) Internet
ப		T2M Talk2M
SUCCESS: System configuration updated		DI Config
Cancel QuickLaunch Skip this wizard	< Previous Next >	

Fig. 5 System Wizard Diagnosis

4.2 Internet Wizard

The *Internet Wizard* configures the Internet settings for the Ewon Cosy 131. The **<Interface>** field allows the selection of the WAN interface used for the Internet connection:

- Ethernet WAN connection
- Cellular Modem
- Wi-Fi Connection

4.2.1 Ethernet WAN Configuration

1. Select the Ethernet Internet connection.

Internet connection	- 1		Syste
- Ir	ternet connection Interface: Ethernet INTERNET connection	*	Contraction of the second seco
C	Connectivity conditions Connection trigger: Maintain connection	v	DI Con

Fig. 6 Internet Wizard Connection Setup

- 2. Click **Next** to continue the WAN interface configuration.
- 3. Select the appropriate method how the Ewon Cosy 131 is supposed to receive its IP address, according to the LAN network configuration: **Static**, **BootP** or **DHCP**.

Select **DHCP** from the dropdown to receive an IP automatically from the LAN network.

Address Setup		DHCP
	10.104.140.13	Static
Subnet mask:	255.255.255.0	BootP
	10.104.140.250	
DNS Setup		🐨 Via DHCP
	1.1.1.1	Leave blank (or 0.0.0.0) if no DNS
	8.8.8.8	

Fig. 7 Internet Wizard Ethernet WAN Connection Setup

4. Click **Next** to proceed to the next screen.

5. The *Internet connection test* is enabled by default, it allows the Ewon Cosy 131 to verify the Internet connection.

Uncheck this option if this network uses a proxy server or if port 80 is closed for outbound connections.

Internet Wizard		1 2 3 4	
Validate your i	nternet connection		System
	Internet connection test This option will test for a valid internet connection. If you have configured a connection through proxy do not select this option	Fnabled	Contract Internet
	ορισικ		Talk2M
			DI Config
Cancel QuickLau	nch Skip this wizard	< Previous Next >	

Fig. 8 Internet Wizard Validation

- 6. Click **Next** to apply the configuration changes.
 - $\rightarrow~$ Once the wizard completes successfully, the Ewon Cosy 131 is connected to the primary WAN network.

Test running			System
– Current C	peration		() Internet
	Finished	7	TO 3 4
Results			Talk2M
1	WAN connection		
1	Internet connection		Di Confi
Diagnosis			Di com
	Ć		
	SUCCESS: Internet connection	i tested	

Fig. 9 Internet Wizard Test

4.2.2 Cellular Network Configuration

1. Select Modem Connection if your Ewon Cosy 131 embeds a cellular modem.

- 2. Select the type of trigger: to keep the Cosy 131 connected to Internet permanently or select *Send SMS to activate* to activate the remote access only after receiving an SMS.
 - Maintain connection: the Ewon Cosy 131 is permanently connected to Internet.
 - Send SMS to activate: the Ewon Cosy 131 connects to the Internet only after you sent a "wake-up" sms.

Internet Wizard 💋	1 2	System
Internet connection	Initialize configuration This will also erase the Talk2M configuration.	Internet
Connectivity conditions Connection trigger:	Maintain connection Maintain connection Send SMS to activate	DI Config
Cancel QuickLaunch Skip this wizard	< Previous Next >	

Fig. 10 Internet Wizard Connection Setup

- 3. Configure the settings of the SIM card:
 - <PIN code>
 - <Country> where the Ewon Cosy 131 will be located, the operator
 - <Operator>
 - <APN list>, the address of the operator.

The Ewon Cosy 131 will automatically propose an APN based on the value of the **<Country>** and **<Operator>** fields.

If the APN is not automatically proposed, you will need to set a **Custom APN** and type the desired APN.

Be aware that some operators have different APN for the same local area.

- If required, enter the APN <Username> and <Password>, otherwise leave this field empty.
- Double check with your operator to enter the correct information
- In case of specific connection settings such as network type or preferred provider; check the <Show advanced options> box.

GSM modem					System
asiwi modem					0
	GSM modem connection (GPRS/E	DGE/3G/4G)			Internet
	SIM PIN:	•••••	Enter the SIM PIN code (4 digits). Leave empty if the SIM card does not require a		
			PIN code.		T-II-2M
	Country:	Belgium	.		Talk2M
					シ
	Provider:	Proximus	~		DI Config
	APN list:	internet.proximus.be	~		
		The Access Point Name	is specified by the GSM operator.		
	Username:		Username as defined by the GSM operator (some operators do not require		
			a userilarite)		
	Password:		Password as defined by the operator.		
Jancel QuickLau	nch Skip this wizard			< Previous Next >	

Fig. 11 Internet Wizard GSM Modem

- 4. Click **Next** to apply the configuration changes.
 - → Once the wizard completes successfully, the Ewon Cosy 131 is connected to Internet through its cellular WAN network.

Internet Wizard 🧹	2 3 4	System
Test running Current Operation		© Internet
Finished Results	7	T2M Talk2M
Vian connection Vian connection Diagnosis		DI Config
SUCCESS: Internet connection tested		
	Next Wizard	

Fig. 12 Internet Wizard Test

4.2.3 Wi-Fi Network Configuration

1. Select the connectivity conditions accordingly, in this case : WiFi INTERNET connection.

	Ø
Internet connection	Internet
Initialize configuration This will also erase the Talk2M configuration	TOM
combaracon	Talk2M
Interface: WIFI INTERNET connection	
	ーク
	DI Conf
Connectivity conditions	
Connection trigger: Maintain connection	
	Internet connection Initialize configuration Initialize configuration Interface: WIFI INTERNET connection Connectivity conditions Connection trigger: Maintain connection

Fig. 13 Internet Wizard Connection Setup

- 2. Click Next to proceed to the next screen.
- 3. Provide all information related to Wi-Fi connection configuration:Select the Wi-Fi network to connect and enter the password.
- 4. Keep the *DHCP* default settings for the Wifi WAN Connection and DNS, unless otherwise required by the local IT department.
- 5. In case of specific proxy connection settings; check the *Connect to Talk2M through proxy* checkbox

Click Next to apply the configuration changes.

Internet Wizard WiFi WAN Connection		1	2 3 4 System
WiFi setup Network selection: Network name:	List wWONTraining	Mac Address: 00:07:80:f0:07:d0	nternet T2M C Talk2M
Passphrase: WiFi WAN connection		DHCP	DI Config
IP address: Subnet mask: Default gateway:	10.121.120.101 255.255.255.0 10.121.120.254		
DNS Setup Cancel		Via DHCP	ous Next >

Fig. 14 Internet Wizard Wifi Setup

Click Next to proceed to the next screen.

• The *Internet connection test* is enabled by default, it allows the Cosy 131 to verify the Internet connection. If this network uses a proxy server or if port 80 is closed for outbound connections, uncheck this option.

Click *Next* to apply the configuration changes.

Validate your internet connection		C
		System
Internet connection test This option will test for a valid internet connection. If you have configured a connection through proxy do not select this option.	C Enabled	Internet
		Talk2M

Fig. 15 Internet Wizard Wifi Validation

4.3 Talk2M Wizard

The *Talk2M Wizard*, configures the VPN connection between the Cosy 131 and your Talk2M account on the Talk2M server.

- On the first screen of the Talk2M Wizard, select Register with Activation Key option
- Paste the Activation Key.

Click Next to move forward to the next screen.

Wizard configuration 1 2 3	
Talk2M	System
	() Internet
Register with ACTIVATION KEY Use the eWON "Activation Key" provided by eCatcher. The eWON must first be defined in eCatcher.	T2M C
Activation Key:	DI Config
Register with eWON NAME Use the eWON Talk2m name and your Talk2m login and pasword.	
Cancel < Previous Next >	

Fig. 16 Talk2M Wizard Activation Key

Alternately, it is possible to register with the eWON Name option:

- Click on Register with eWON Name
- Enter the Talk2M name of the Cosy 131, and a valid Talk2M account user credentials.

Click Next to move forward to the following screen.

	— »
Talk2M	ystem
In	() on ternet
Register with ACTIVATION KEY Use the eWON "Activation Key" provided by eCatcher. The eWON must first be defined in eCatcher.	'2M [©] ∋lk2M
Register with eWON NAME Use the eWON Talk2m name and your Talk2m login and pasword. DI	Config
Talk2M Account Name:	
eWON Name:	
Talk2M Username:	
Talk2M User Password:	
Cancel < Previous Next >	

Fig. 17 Talk2M Wizard Registration Name

If the network used for Internet access apply a proxy server:

- Check the Enable checkbox in the Connect via HTTP Proxy settings
- Enter the appropriate information for the proxy server

Click Next to move forward to the next screen.

Wizard configuration Proxy config	1 2 3	System
Connect via HTTP proxy G Enable this option only if you are connected to Internet via proxy (ask your net	y with basic authentication 👻 🛛	() Internet
Proxy server IP address (not proxy name): Proxy server port: Username: User Password:	Proxy with basic authentication Proxy with NTLM authentication Proxy without authentication	T2M C Talk2M DI Config
Advanced parameters	View	
Cancel	< Previous Next >	

Fig. 18 Talk2M Wizard Proxy Configuration

This Wizard connects to the Talk2M server and retrieve the VPN settings for the Cosy 131 linked to your account. The Wizard also check UDP and TCP connection to find the best suitable option for this eWON. If the wizard completes successfully, the Cosy 131 is now configured for Remote Access through Talk2M. If the wizard fails, the *Diagnostic and Setup, p. 27* section will give additional troubleshooting information.



Fig. 19 Talk2M Wizard Validation

5 Home Section

The Summary page or home section, shows at a glance information about the health and status of the Cosy 131. Its current Internet connection and VPN connection status, date and time, and firmware versions are all displayed

Internet Connection	
Fallback	The status of the WAN fallback feature. For more information about the WAN fallback, check the <i>Wan fallback, p. 25</i> .
Internet Status	This field appears only if the Internet connection of the Cosy 131 hasn't been configured.
Connected since	Elapsed time since the Cosy 131 is connected to the Internet.
WAN IP Address	IP address of the WAN connection.
Connected interface	WAN interface used to connect the Cosy 131 to the Internet.
WiFi Status	The SSID of the the Wi-Fi network the Cosy 131 is currently connected to. This field appears only if the Cosy 131 is equipped with a Wi-Fi interface.
GSM Status	The name of the cellular operator, the signal strength and the cellular technology used.
GSM data consumption	The cellular consumption of the Cosy 131 (upload & download).
VPN Connection	
Status	This field appears only if the VPN connection of the Cosy 131 hasn't been configured.
Connected since	The elapsed time since the Cosy 131 is connected to the VPN service. This field doesn't appear if the VPN connection hasn't been configured.
VPN IP Address	The IP address of the VPN connection. This field doesn't appear if the VPN connection hasn't been configured.
System Information	
System mormation	
Current user	The user currently used to browse the web interface.
Current user eWON Type	The user currently used to browse the web interface. The model of the device.
Current user eWON Type Serial Number	The user currently used to browse the web interface. The model of the device. The serial number of the device.
Current user eWON Type Serial Number Firmware Version	The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device.
Current user eWON Type Serial Number Firmware Version Current time	The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device. The current date & time of the device.
Current user eWON Type Serial Number Firmware Version Current time LAN IP/Mask	The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device. The current date & time of the device. The LAN IP address and subnet mask of the device. By default: 10.0.0.53/255.255.0
Current user eWON Type Serial Number Firmware Version Current time LAN IP/Mask Embedded modems	 The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device. The current date & time of the device. The LAN IP address and subnet mask of the device. By default: 10.0.0.53/255.255.255.0 The type of modem inserted in the Cosy 131: Wi-Fi or Cellular This field appears only if the model of the Cosy 131 is equipped with Wi-Fi or Cellular connection.
Current user eWON Type Serial Number Firmware Version Current time LAN IP/Mask Embedded modems	The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device. The current date & time of the device. The LAN IP address and subnet mask of the device. By default: 10.0.0.53/255.255.25.0 The type of modem inserted in the Cosy 131: Wi-Fi or Cellular This field appears only if the model of the Cosy 131 is equipped with Wi-Fi or Cellular connection.
Current user eWON Type Serial Number Firmware Version Current time LAN IP/Mask Embedded modems Gateway Status USB	 The user currently used to browse the web interface. The model of the device. The serial number of the device. The current firmware version of the device. The current date & time of the device. The LAN IP address and subnet mask of the device. By default: 10.0.0.53/255.255.0 The type of modem inserted in the Cosy 131: Wi-Fi or Cellular This field appears only if the model of the Cosy 131 is equipped with Wi-Fi or Cellular connection. Status of the USB connectivity. By default, it is activated. Possibility to change this status by clicking on it.



Fig. 20 Summary Page

6 Rea

Ready to establish the remote connection to your eWON

The Cosy 131 is now configured and available for remote access.

Start now eCatcher to connect your Cosy 131 remotely. Alternatively, you can also use *eCatcherMobile* or *M2Web*.

eCatcher Mobile:

It is the app version to be installed on your mobile devices running under Apple iOS or Google Android. It is used to initialize secure remote access and allows you to use mobile applications. For further information, refer to eCather Mobile from the *Related Documents, p. 3*

M2Web:

It allows the remote Web access to your eWONs. To realize the remote Web access, no special software is needed on the PC or on the tablet. For further information, refer toM2Web from the *Related Documents, p. 3*

7 DI Config Wizard

This option is not part of the *Quick Launch* Wizard, so it is only available by clicking on the *DI Config* wizard. Moreover, the DI physical connection need to be wired to be used as a function.

The digital inputs can be used to :

- Control the remote access using a Key switch
- Send out an alarm notification by email and/or SMS

DI config wizard Digital Input config wizard	1 2 3 4	System
	Use this optional wizard to trigger an action based on the Digital Input. Most common connections include: • Key switch to control internet connection • Digital Output of a PLC to alert user if the machine is in STOP mode • Panel door relay to alert user if somebody has opened the cabinet	Internet T2M Talk2M
Cancel	< Previous Next >	

Fig. 21 DI Wizard

7.1 Remote Access Control

To enable the remote access control:

• Click the *Enabled* checkbox. If enabled, then Talk2M remote access will only be possible at the high state of the digital input 1. Only if the *Key Switch* has been enabled.

vigitai input	 Digital Input 1 (KEY) 			0
	Remote access control	Remote access will be allowed on DI1 HIGH state	G Enabled	T2M
	SMS notification	SMS notification disabled for DI1	Enabled	Talk2M
	Email notification	Email notification disabled for DI1	Enabled	Di Coniig

Fig. 22 DI Wizard Remote Access Key Configuration

7.2 DI Alarm Notification

The following options are valid for *DI1* and *DI2*. For both digital inputs you can setup email or SMS text message notification.

The DI Config Wizard: Select the option(s) by simply checking the Enable checkbox.

- The *SMS notifications*; enter the phone number, and body of the message accordingly; then a notification will be sent when the *Digital Input* switch on a high state.
- The *Email notification* enter the recipient, subject, and body of the message; then a notification will be sent when the *Digital Input* switch on a high state

Digital Input	(KEY) configuration					System
	SMS notification		Enabled	-	^	
	Phone number(s):	04470123456789				internet
		Maximum 40 characters, phone numbers separated by ',' (Example: 004470123456789,00140012345678)			i.	T2M Talk2M
	SMS body:	DI of eWON has been activated				<u></u> (
		Maximum 134 characters (Example: Dl1 of eWON has been activate	ed)			DI Config
	An SMS will be sent on DI1	HIGH state. The SMS will be sent via Talk2M Relay and charged to account	your talk2M			
	Email notification		Enabled			
	Email recipient(s):	test@hms.se				
		Maximum 80 characters (Example: sales@hms- networks.com,support@hms-networks.com)			v	

Fig. 23 DI Wizard Notification Key Configuration

Click Next to test and apply the Digital Input connection settings.



Fig. 24 DI Wizard Remote Key Configuration Validation

ė

If the *Digital Input* is on a high state at boot time; then a notification is sent out once the Cosy 131 is connected to Talk2M and a prefix "(BOOT)" is added to your messages

SMS and email notifications *even on a Cosy 131 WiFi and ethernet*, are sent via T2M relays, but it does force the Cosy 131 to have a T2M connectivity and charges will apply for every SMS sent.

8 Wan fallback

The *WAN fallback*, is an alternative option that allows the Ewon Cosy 131 to switch between networks automatically when the primary WAN network interface fails.

To configure the WAN fallback feature on the Cosy 131, the Internet wizard needs to be relaunch, then configure the Internet wizard once again. if the Cosy 131 detects a second WAN interface; it will ask you if you want to configure a *WAN Fallback* interface.

est running		
Current Operation Finished		9
Results W/ Sec Diagnosis	ondary WAN Interface detected X Would you like to configure a secondary WAN interface as fallback kvailable additional cards: Modem Connection Yes No SUCCESS: Internet connection tested	Talk2M
		Finish

Fig. 25 Internet Wizard WAN Fallback

1	The WAN fallback allows you to set up a secondary internet interface if the internet connection on the primary interface drops. The secondary interface is then by default activated for one hour every 75 minutes	() Internet
	Internet connection Modern Connection	T2M Talk2M
_ (Connectivity conditions	DI Config
	Connection trigger: Maintain connection	

Fig. 26 Internet Wizard WAN Fallback Setup

In the case the primary WAN interface fails, the Cosy 131 will shift to the secondary WAN interface 3 minutes after the connection problem appears, then it will stay on the secondary WAN interface *the fallback interface* for 1 hour. After this hour the Cosy 131 will try to connect back the primary WAN interface and if the does not succeed the Cosy 131 will go back to the

secondary WAN interface. For further information about Wan Fallback refer to *Related Documents, p. 3*

Click Next to move forward to the next screen.

Internet Wizard	1 2 3 4	
Test running		System
Current Operation		🔇 🖉
Finished	191	
Results		Talk2M
√ WAN connection		A_ 0
✓ Internet connection		DI Config
Diagnosis		
SUCCESS: Internet connection tested		
	Finish	

Fig. 27

Now, the WAN fallback network settings are successfully configured.

(WAN fallback feature will appears only by clicking on the Internet Wizard. If the Quick Launch Wizard is performed; the Internet Wizard will not offer the WAN fallback option

9 Diagnostic and Setup

On the Cosy 131, the main configuration setup are done through the Wizard nevertheless, on the left hand side menu, there are 2 core options *Diagnostic* and *Setup*.

The *Diagnostic* menu, records significant system events on the Cosy 131 that can be used in case of troubleshooting; such a logs are given one of three severity levels: *Error, Warning* or *Trace* and color coded correspondingly

The *Setup* menu on the other hand offers an alternative approach to changes parameters such as *Language, Ethernet IP*, and/ or reboot the Cosy 131

		Main o	- 🔇 Internet Connection -		VPN Connection	
Ø Summary		General	Fallback:	Disabled	Connected since:	38m 47s
Diagnostic		🔯 Language	Connected since:	39m 1s	VPN IP Address:	10.231.208.114
ව Logs	•		Wan IP Address:	10.0.6.56		
💎 Status	•	🛗 Date & Time	Connected interface:	Ethernet INTERNET connection		
Support Files		Net services				
etup						
🎾 Wizards			System Information		Gateway Status	
🗱 System	•	Accessories			USB IP:	Enabled
Main	۶.				NAT 1:1:	Disabled
	۶.		Ewon Type: Cos	sy (EC71330_00)		
Storage	۶.		LAN IP/Mask: 10.	0.0.54/255.255.255.0		
🚯 Firmware Update						
U Reboot						

Fig. 28 Diagnostic and Setup menu