

## Configuration Manual ETI/DOMO XIP



# PC configuration

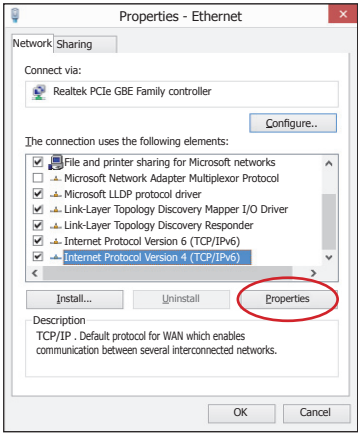
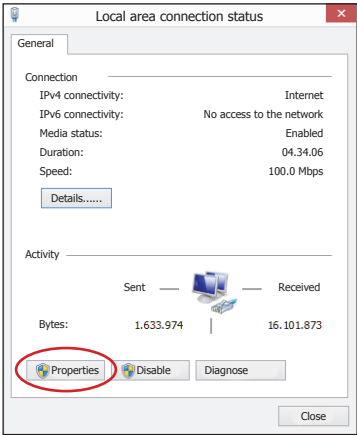
Before proceeding to configure the entire system, the PC must be configured so that it is ready to interface correctly with the ETI/Domo XIP server once connected.

The PC requires:

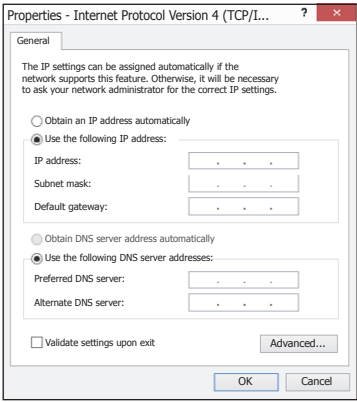
- Minimum Windows XP
- Adobe Flash Player 10

Switch on the PC and proceed as follows:

From your PC's "Control Panel", select "Network and Sharing Center" and then "Ethernet".



From the "Local area connection status" window, select "Properties"; highlight the heading "Internet Protocol version 4 (TCP/IPv4)" and click "Properties".



On this screen, check "Use the following IP address" and fill in the fields as follows:  
**IP address: 192.168.0.100 or 192.168.1.100**  
**Subnet mask: 255.255.255.0**  
Click on OK, and the PC will now be ready to dialogue with the ETI/Domo XIP server.

# Configuring the ETI/Domo XIP server

## Accessing the configuration page

To access the ETI/Domo XIP server configuration page, you need to connect the PC to port 0 on the server and, on the browser you normally use, enter the address `http://192.168.0.3/index_setup.html` or `http://192.168.1.3/index_setup.html` if the PC has been configured with the address 192.168.1.100 and connected to port 1.

Login

Username

Installer

Password

\*\*\*\*\*

Login

After a few moments, you will see the configuration web page that will require the user credentials for access.

The default configuration is:

Username: **installer**  
Password: **112233**

CAME

ETI/Domo XIP

25/01/2015

21:03

master


primary

### Setup

### Dati

Data

ID

ID  Miniser\_sertec

Address

Name/Company

Telephone number

Mobile

Save

Contact

Identification and location of the gateway

Name of representative or person to contact should the need arise

Network setup

Connections DHCP server

Type **Switch** (1)

ETH0

IP address \* 192.168.95.26

Subnet mask \* 255.255.255.0

Gateway 192.168.95.1

Default Gateway ☒ ETH0

Web server port 80

DNS

Save

Default settings:

- Operating mode: **Dual Network**

- IP address **ETH0 192.168.0.3**

- IP address **ETH1 192.168.1.3**

**N.B.** Fields marked with an asterisk are required.

## Switch Mode

The two RJ45 ports are interconnected in switch (1) at Ethernet level. They respond to the same IP address as the device, an address that corresponds to the only ETH0 logical interface, and to the same MAC address. Data traffic passes between the two interfaces and both give access to ETI/Domo XIP. The services for the home automation web interface on the browser, access to the configuration pages and services for the configuration tool are always enabled on both ports.

Enter the IP address chosen for this device and its subnet mask. If necessary, also enter the default gateway for the chosen subnet in the field below. The DNS parameter is optional.

Network setup

Connections Static Routes DHCP server Services Cloud Connection

Type **Dual Network** (2)

ETH0

IP address \* 192.168.52.225.0

Subnet mask \* 255.255.255.0

Gateway 192.168.52.1

Default Gateway ☒ ETH0 ☐ ETH1

Web server port 80

DNS

Save

## Caution!

**After changing the network parameters, when "Save" is pressed, the connection to the device is lost. To reset the connection, you may need to configure the PC as previously indicated.**

## Dual Network Mode

The two ports are NOT interconnected at logical level (2). Each corresponds to a different Ethernet interface, ETH0 and ETH1 respectively, and then to a different subnet.

For the two interfaces, you need to enter the IP address, netmask and gateway.

Network setup

Connections Static Routes DHCP server Services Cloud Connection

Type **Dual Network** (3)

Target Address	Subnet Mask	Gateway	Interface
192.168.95.0	255.255.255.0	192.168.52.10	ETH0

4 Target address 192.168.123.220

5 Subnet Mask 255.255.255.255

6 Gateway 192.168.52.249

7 Interface ☒ ETH0 ☐ ETH1

Add Edit Delete Save

The **static routes** (3) are rules for transmitting IP packets to networks other than the two subnetworks corresponding to interfaces ETH0 and ETH1. This section is only present in Dual Network mode.

**4 Target address:** this enables you to enter the address of the specific host (e.g. 192.168.123.227) or a subnet (eg 192.168.95.0) to be reached with the static route.

**5 Subnet Mask:** netmask corresponding to the specific host (in this case it will be the 32-bit mask 255.255.255.255) or the subnet (e.g. 255.255.255.0) to be reached with the static route.

**6 Gateway:** this is the IP address of the router to which ETI/Domo XIP will have to send the packets for the specific route.

The Gateway automatically suggested is the one for the ETH0 or ETH1 interfaces, depending on which you have chosen (7). This gateway may differ from those suggested, but the address must belong to the subnet of the chosen interface.

**7 Interface:** this enables you to choose the interface to which packets that match the static route will be transmitted and received by ETI/Domo XIP; it is the interface connected to the subnet where the gateway for that route is found.

**Network setup**

**Connections Static Routes DHCP server Services Cloud Connection**

9 Enable DHCP Server ☒

Interface ☒ ETH0 ☐ ETH1 10

11 Gateway \* 192.168.52.1

12 DNS

IP Address Range \* 192.168.52.100 192.168.52.120 13

14 Lease Time (hours) \* 500

Save

DHCP client list 15

Target address	Subnet Mask	Interface

- 10 Interface:** enables you to choose on which interface the service should be activated, in the case of configurations in Dual Network mode; in the case of configurations in Switch mode, the only possible interface is ETH0. You cannot activate the service on both interfaces.
- 11 Gateway:** this is the IP address (required) of the default gateway that will be configured in the clients requesting the DHCP service. The default setting is the same address in the “Gateway” parameter for the ETH0 or ETH1 interface chosen in the ‘Network Setup’ menu. The address must be an address belonging to the subnet of the interface on which the DHCP Server is active.
- 12 DNS:** this parameter is sent to the hosts asking for the DHCP service; it is optional.
- 13 IP Address Range:** this is the pool of IP addresses that the DHCP server assigns to the various hosts that request it; the range is composed of consecutive addresses between the two addresses entered. This range must belong to the subnet of the interface on which the DHCP server is active.
- 14 Lease time:** this is the time during which an address from the “pool” newly assigned to a client is considered “busy” and cannot be assigned to other hosts. The client will renew the request within a time under the lease time. Once all the pool addresses have been assigned, the DHCP server no longer responds to other requests from DHCP clients, until the addresses become available after the lease expiry time.
- 15 DHCP client list:** these are lists of all the clients that have requested DHCP and are active (i.e. the lease time has not expired); a hostname is also displayed if the client has informed ETI/Domo XIP of it, as is the client’s MAC address

**Network setup**

**Connections Static Routes DHCP server Services Cloud Connection**

16

Services	ETH0	ETH1
17 Home Sapiens Web Interface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18 Web Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19 Maintenance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- 18 Web Configuration:** this is the service for accessing configuration web pages and for connecting to the smartphone app. For correct operation, it must be active in at least one of the two interfaces.
- 19 Maintenance:** this is the service to access the device using the configuration tool

Using the **DHCP Server** 8 service, ETI/Domo XIP assigns IP addresses for a certain pool, along with associated netmasks and gateways, to “client” devices that request them (using the standard DHCP protocol). The service is disabled by default.

**9 Enable DHCP Server:** enable/disable DHCP server service.

The ‘**Services**’ 16 section is only available if the configuration of the two ports is Dual Network. For each port, you can enable or disable the services listed below:

**17 Home Sapiens Web Interface:** this is the home automation web interface service on the browser.

20 The **Cloud Connection** setting allows you to enter the data for connecting the device to the Cloud services.

To connect to these services (when available), the local LAN in which the device is installed must have a permanent connection to the internet, and the DNS parameter for the network setup part must be configured.

21 **Enable connection:** this

enables an encrypted and protected connection between the ETI/Domo XIP device and the remote Cloud.

22 **Connection supplier:** url for the Cloud service (do not change the default values unless otherwise indicated);

23 **VPN status:** indicates the VPN (Virtual Private Network) connection status.

DISABLE if the connection has not been enabled or has not been completed;

ENABLE if the connection has been successfully activated: in this case the device is connected to the remote Cloud.

24 **VPN address:** virtual IP address for Cloud user services that can be used by the technical service for remote maintenance services - when available.

For more information, contact a service centre or visit [www.came.com](http://www.came.com).



## Date and time

In this window, you can set the correct date and time zone, and if necessary set adjustment of such data to depend on the NTP server.



## Change login and password

In this window, the installer can change Username and Password.

## System configuration

### Master/Slave setup

In a system that requires the presence of one ETI/DOMO Xip and multiple ETI/Xips, the ETI/DOMO Xip will necessarily have to be the master for the ETI/Xips.



#### Caution!

**The setup of the “SSL” (Secure Sockets Layer) communication method must be the same on all devices in the system.**

Description	IP address	BPTL3 address	Status	Backup
ETI 7 -SERTEC-	192.168.95.25	786432	<span style="color: green;">●</span>	<input type="checkbox"/>

The first part of the window ❶ allows you to choose a communication port through which the slaves will communicate with the master ETI/DOMO Xip; in space ❷, indicate the port through which the slaves will communicate with any backup in the event of a temporary interruption of communication with the master (for both fields, the permissible range is from 20050 to 20166).

The table ❸ allows you to add the slave ETI/Xips (if present) which will make up the system; to do this, press button ❹ “Add”.

In the window that appears, enter the name of the slave ETI/Xip (the IP address is optional and is automatically detected by the master).

Enter a new slave

Description \* ETI Palazzo B

IP address 192.168.71.251

Save

After running the setup for the other ETI/Xips, the “BPTL 3 Address” column will show the address of the connected slave and the “Status” column will show the communication status.

● Not connected or currently connecting (the connection may require you to wait for a length of time that depends on the complexity of the system)

● Connected and fully functioning

Description	IP address	BPTL3 address	Status	Backup	
ETI_IngressI principall	192.168.71.253	72131	●	<input type="checkbox"/>	
ETI Palazzo B	192.168.71.251	65536	●	<input checked="" type="checkbox"/>	❺
ETI Palazzo C	192.168.71.252	131072	●	<input type="checkbox"/>	

Once all the slaves in the system have been added, the system can be configured so that one of them (the one with the “Backup” box, marked ❺) continuously performs a backup on the master ETI/MiniSER Xip.

In the event of the failure of the master ETI/MiniSER Xip, the backup will replace it and the slaves will communicate with it through the port specified in point ❷.



#### Caution!

**The ETI Xip gateway identified to replace the ETI/DOMO Xip server in the event of a failure will only be able to provide the system’s basic video intercom and access control functions.**

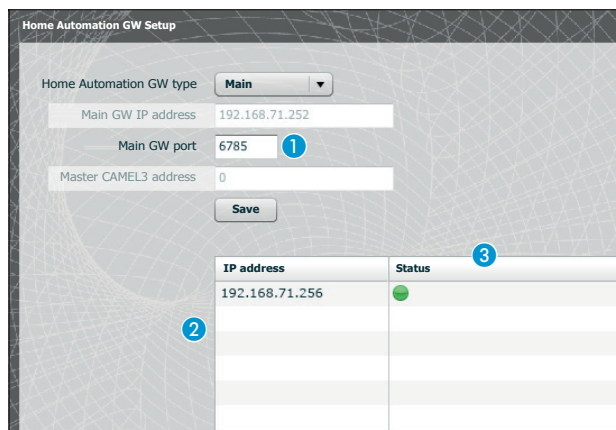




## Home Automation GW Setup

In a home automation system that requires the presence of multiple ETI/Domo XIPs, or an ETI/DOMO Xip and multiple ETI/DOMOs, one of them must be configured as “Main”, while the others will be referred to as “Secondary”.

To make communication possible between different ETI/Domo XIPs and/or ETI/DOMOs, in secondary devices, it is necessary to specify the IP address of the Main and the communication port.



The screenshot shows the 'Home Automation GW Setup' window. It has a title bar with the same name. Inside, there's a section for configuration: 'Home Automation GW type' is set to 'Main' in a dropdown menu. Below it, 'Main GW IP address' is '192.168.71.252', 'Main GW port' is '6785' (with a blue circle 1 next to it), and 'Master CAMEL3 address' is '0'. A 'Save' button is below these fields. At the bottom, there's a table with two columns: 'IP address' and 'Status' (with a blue circle 3 next to the header). The first row shows '192.168.71.256' with a green status indicator. A blue circle 2 is next to the table. The background has a faint grid pattern.

IP address	Status
192.168.71.256	●

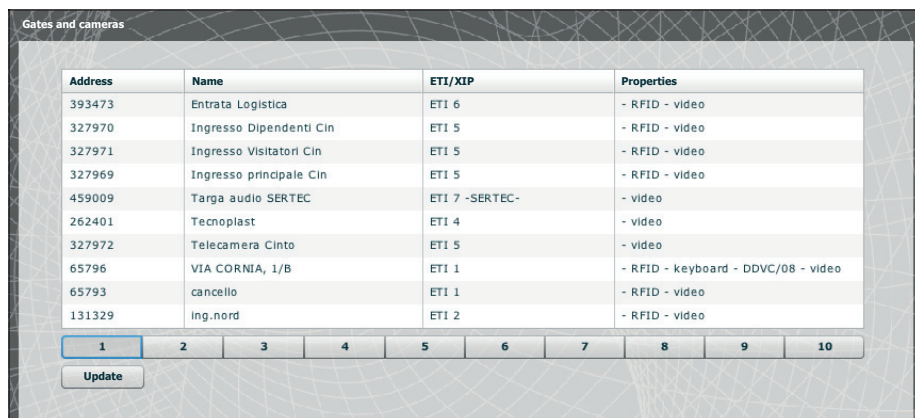
The first part of the window 1 allows you to choose a communication port through which the secondary gateways will communicate with the main ETI/Domo XIP.

The table 2 allows you to view the secondary ETI/Domos (if present) that make up the system. The column 3 shows the communication status.



## Gates and cameras

The table lists all the gates connected to the system and which ETIs they are connected to.



The screenshot shows the 'Gates and cameras' window. It has a title bar with the same name. Inside, there's a table with four columns: 'Address', 'Name', 'ETI/XIP', and 'Properties'. The table lists 10 items. Below the table, there's a row of buttons numbered 1 to 10, with button 1 highlighted. An 'Update' button is below the row. The background has a faint grid pattern.

Address	Name	ETI/XIP	Properties
393473	Entrata Logistica	ETI 6	- RFID - video
327970	Ingresso Dipendenti Cin	ETI 5	- RFID - video
327971	Ingresso Visitatori Cin	ETI 5	- RFID - video
327969	Ingresso principale Cin	ETI 5	- RFID - video
459009	Targa audio SERTEC	ETI 7 -SERTEC-	- video
262401	Tecnoplast	ETI 4	- video
327972	Telecamera Cinto	ETI 5	- video
65796	VIA CORNIA, 1/B	ETI 1	- RFID - keyboard - DDVC/08 - video
65793	cancello	ETI 1	- RFID - video
131329	Ing.nord	ETI 2	- RFID - video





## Multiserver

In systems that require the presence of multiple video intercom servers (i.e. ETI/SER, MiniSER or ETI/DOMO XIP), this section allows you to monitor the status of the other servers connected to the system.

A server may not result as being registered **1** if there are network connection problems between devices (in this case, synchronisation also fails **2**) or the address assigned to the server selected while programming the system has been changed; in this case, enter the new address in the space marked **3** and press “Save”.

On the other hand, a server that is registered but not synchronised will not show the status of the devices connected to it. If the servers have been configured to communicate on different ports, synchronisation is impossible. It is therefore necessary for the “Webserver port” parameter in the “Network Setup” section of the non-synchronised remote server to coincide with the “Port” parameter on this page, and for the “Https” parameter in the “Network Setup” section to coincide with the one on this page.

Enter these parameters in the appropriate fields at the bottom of the page **4** relative to the selected row.

Name	Address	Port	Https	Registered	Synchronised
Sede Cinto	192.168.1.6	80	<input type="checkbox"/>	<b>1</b>	<b>2</b>

Address:  **3**

**4** Port:

Https: ☐

## Glossary

### Call source:

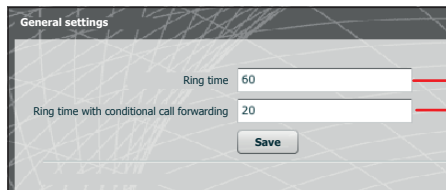
These are the devices, the block to which they belong or the porters from which a call originates.

### Call destination:

These are the devices, the porters or groups of porters to which a call can be routed.



## General settings

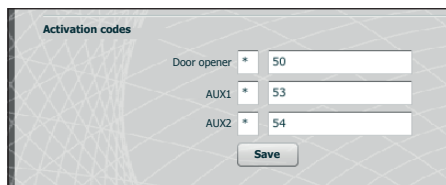


Ring time after which the user called will be considered absent

Ring time, with conditional call forwarding active, after which the user called will be considered absent and forwarding will be activated

## Caution!

The **“Ring time”** must be greater than the **“Ring time with conditional call forwarding”**.



The entry panels of the XIP system can also interoperate with telephone devices. Therefore, in the event of active communication between them, the Door Opener, AUX1 and AUX2 commands can be activated by DTMF sequences, i.e. sequences of digits entered on the keypad of the phone terminal.

These codes can be configured in the mask shown on the left.

The code must consist of an asterisk followed by a number composed of a minimum of one and a maximum of 4 digits.



## Phonebook



The **“Phonebook”** window allows you to generate a file containing the short numbering assigned to the devices connected to the system or to one of its branches.

Select the file format to be obtained **1**.

Select the branch of the system to which the receivers for which you wish to obtain short numbers are connected **2**.

Press the **“Get”** button to generate the file.

**Credentials**

XIP receivers   XIP Mobile receivers   Generic SIP receivers   ATA SIP receivers   Gatew SIP receivers

Unit	Description	Sip account
Sertec IP unit	7" TOUCHSCREEN	00401200001
Sertec IP unit	FuturaIP 241.1	00401200000
Sertec IP unit	Terminal 7 HOME AUT.	00401201024
Sertec 2 IP unit	HOME AUT. 10" terminal	00401200002

Sip Username: 00401200001

New password:

Re-enter password:

Using this window, you can assign a password to the XIP receivers.

On the configuration window for the corresponding XIP receiver, you can then enter the same password.

**N.B.**

The default settings do not require the presence of a password.

**Credentials**

XIP receivers   XIP Mobile receivers   Generic SIP receivers   ATA SIP receivers

Unit	Description	Sip account	Enabled
Sertec IP unit	Xip Mobile 1	00700102026	<input checked="" type="checkbox"/>
Sertec IP unit	Xip Mobile 2	00700101025	<input checked="" type="checkbox"/>
Sertec IP unit	Xip Mobile 3	00700101026	<input checked="" type="checkbox"/>
Sertec 2 IP unit	Xip Mobile 4	00700101027	<input checked="" type="checkbox"/>
		00700101028	<input checked="" type="checkbox"/>

Sip account: 00700102026   Number of licences available 0

New password:

Re-enter password:

Enabled: ☒

Using this mask, you can enable and assign a password for the Xip Mobile Apps recorded on the device. The same password, along with the Sip account, must be used for the configuration of the Xip Mobile app. Each of these accounts is linked to an available licence.

**N.B.**

The default settings do not require the presence of a password.

**Credentials**

XIP receivers   XIP Mobile receivers   Generic SIP receivers   ATA SIP receivers

Unit	Description	Sip account	Enabled
GST Sertec IP unit	Generic SIP 1	00700102026	<input checked="" type="checkbox"/>
GST Sertec IP unit	Generic SIP 1	00700101025	<input checked="" type="checkbox"/>
GST Sertec IP unit	Generic SIP 1	00700101026	<input checked="" type="checkbox"/>
		00700101027	<input checked="" type="checkbox"/>

Sip account: 0070003049   Number of licences available 0

New password:

Re-enter password:

Enabled: ☒ 1

The generic SIP receivers are devices or software applications that can interoperate via the SIP protocol with the XIP video intercom system.

Using this window, you can assign a password to the generic SIP receivers.

At point 1, you can enable the selected receiver; each receiver enabled is combined with an available licence 2.

**N.B.**

The default settings do not require the presence of a password.

**Credentials**

XIP receivers   XIP Mobile receivers   Generic SIP receivers   **ATA SIP receivers**

Description	Sip account	Enabled
Estensione Zamparo (ATA)	00500000000	<input checked="" type="checkbox"/>
Estensione Maria	00500000001	<input type="checkbox"/>
Estensione Luda	00500001001	<input type="checkbox"/>

Sip account: 00500000000   Number of licences available 0 **4**

New password:

Re-enter password:

Enabled ☒ **3**

**Save**

An ATA (Analog Terminal Adapter) SIP receiver is a device through which an analogue telephone can interoperate with the XIP video intercom system. It supports the SIP protocol and is able to register itself on the ETI/DOMO XIP.

Using this window, you can assign a password to the ATA SIP receivers.

At point **3**, you can enable the selected receiver; each receiver enabled is combined with an available licence **4**.

**N.B.**

The default settings do not require the presence of a password.

The SIP account and any password will then be configured in the ATA device used for the selected unit.

**Credentials**

XIP receivers   XIP Mobile receivers   Generic SIP receivers   **ATA SIP receivers**   Gateway SIP receivers

Description	Sip account
SIP Gateway	00600000000

Sip account: 00600000000

New password:

Re-enter password:

**Save**

A SIP Gateway receiver is a device through which a telephone user (on a public network or PBX, analogue or GSM exchange) can interoperate with the XIP video intercom system. It supports the SIP protocol and is able to register itself on the ETI/DOMO XIP. Using this window, you can assign a password to the SIP Gateway receivers.

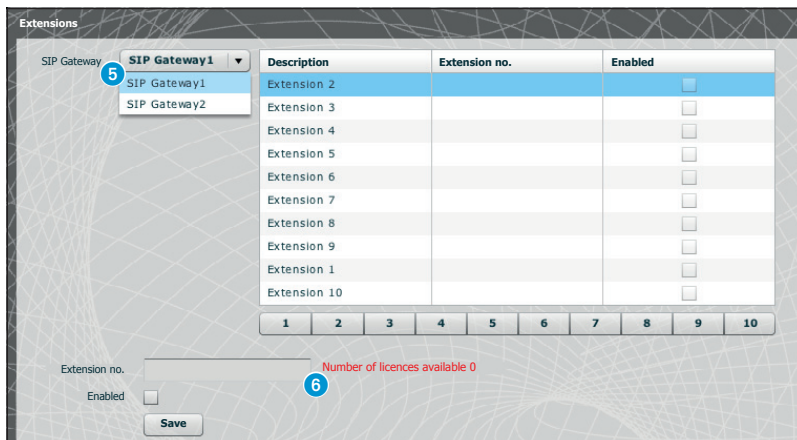
**N.B.**

The default settings do not require the presence of a password.

The SIP account and any password will then be configured in the SIP Gateway used for the selected unit.

## Extensions

Each SIP gateway inserted in the system allows you to manage video intercom calls from porters or entry panels, including forwarding and redirecting, to a public network or PBX exchange telephone number. This destination is identified as “Extension” in the XIP system.



Description	Extension no.	Enabled
Extension 2		<input type="checkbox"/>
Extension 3		<input type="checkbox"/>
Extension 4		<input type="checkbox"/>
Extension 5		<input type="checkbox"/>
Extension 6		<input type="checkbox"/>
Extension 7		<input type="checkbox"/>
Extension 8		<input type="checkbox"/>
Extension 9		<input type="checkbox"/>
Extension 1		<input type="checkbox"/>
Extension 10		<input type="checkbox"/>

Extension no.  Number of licences available 0

Enabled ☐

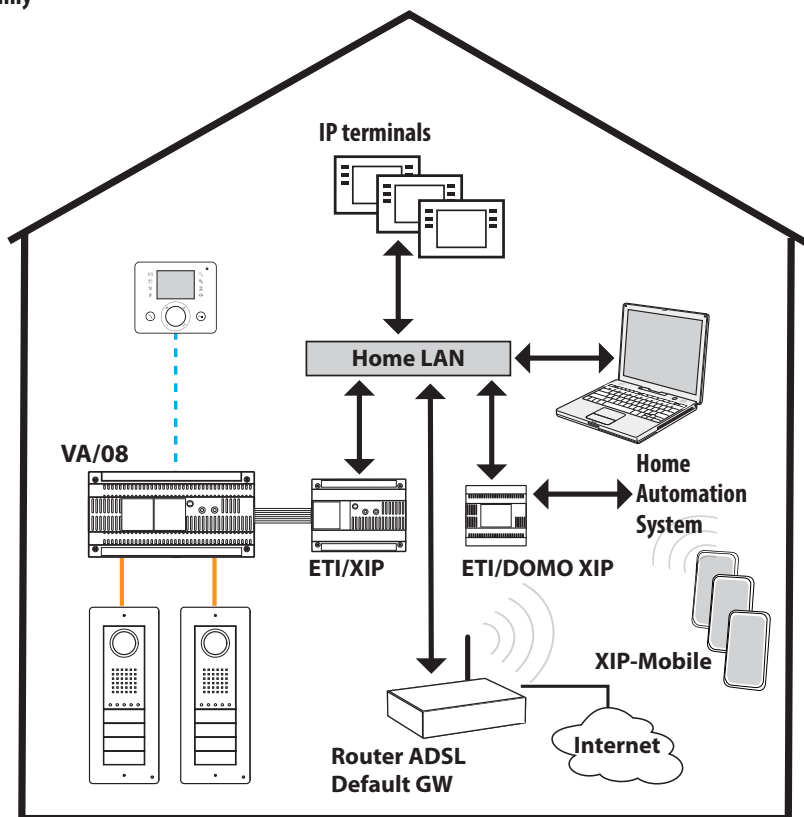
Save

Using this window, you can assign a telephone number to the selected extension.

At point 5, you can select the SIP Gateway from which the extensions can be reached; each receiver enabled is combined with an available licence 6.

## Example of use of intercom and video intercom call management

### Single family

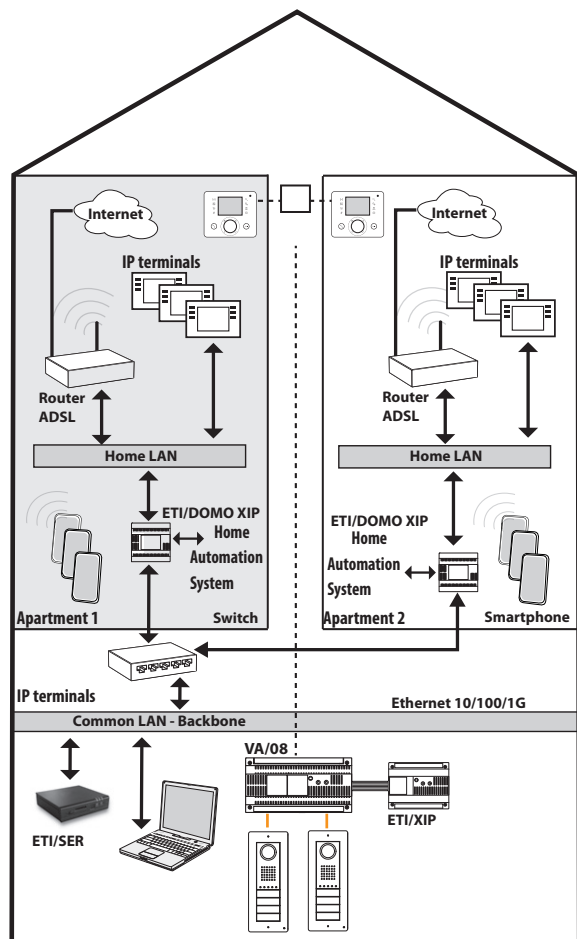


#### Description of installation

- Single LAN (domestic);
- ETI/DOMO XIP in Switch configuration;
- IP address of the ETI/DOMO XIP belonging to the domestic LAN;
- PCs and Smartphones/Tablets can surf without special arrangements in the network configuration;
- Up to 10 simultaneous calls between ETI/XIP and IP and XipMobile terminals;
- One or more XIP blocks (ETI/XIP+VA/08), each with the system limits X1
- Generic and XipMobile receivers require you to upload the relative licences in the ETI/DOMO XIP;
- If the DHCP service (usually provided by the ADSL router or the access point) is **NOT** present, the ETI/DOMO XIP can act as a DHCP server;  
**CAUTION:** normally only one device should provide the DHCP service in a LAN.
- ETI/XIP and the ETI/DOMO XIP have static IP addresses: they must be chosen from outside the set of addresses assigned via DHCP



## Multi-family







### Description of installation

- LAN backbone (common) - distinct and separate from domestic LANs;
- ETI/DOMO XIP in Dual Network configuration;
- Domestic LANs can have independent address ranges (for example they may all be of the type 192.168.1.X, with the common LAN different, for example 192.168.100.X);
- The ETI/XIPs, ETI/SERs, the Porter and all the ETI/DOMO XIPs connected to it belong to the common LAN (i.e. they have IP addresses on this network);
- The internal interfaces of the ETI/DOMO XIPs have addresses consistent with the domestic LAN and are independent of each other;
- The ETI/DOMO XIPs and the ETI/SER make up a multiserver XIP system;
- You can also have X1 risers: in this case the internal units composed of X1 receivers and IP receivers make up mixed units, while those with only IP receivers make up IP units;
- Each ETI/DOMO XIP can handle up to a maximum of 10 simultaneous calls between IP and XipMobile terminals,
- PCs and Smartphones/Tablets within each apartment can surf without special measures in the network configuration through its access to the internet;
- If the DHCP service (usually provided by the ADSL router or the access point) is NOT present, the ETI/DOMO XIP can act as a DHCP server;
- The ETI/DOMO XIPs have static IP addresses for both interfaces: they must be chosen outside any pool of addresses assigned via DHCP from services present in each subnet.

## Access control

### How permits are generated

By combining 4 rules, you can define a set of “permits”:

	Paths	This is a set of gates through which access is permitted
	Time slots	These are time limitations throughout the day in which controlled accesses can be entered
	Weekly programs	These are days of the week when access is permitted
	Holidays	These are the days of the year when access is NOT permitted

#### Caution!

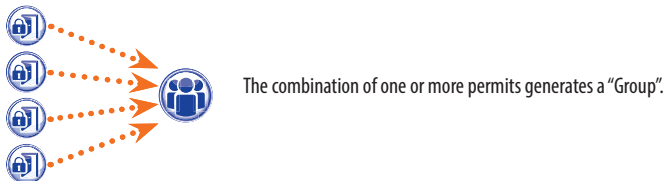
***In the case of multiserver systems, the rules of access control remain independent for each server, and must therefore be entered for each of them.***

### Step 1: generating the permit

The 4 rules are combined and generate the permit, which is valid when all four rules are verified.



### Step 2: combining the permits in Groups



### Step 3: creating users



For each user, in addition to the personal data, both a numerical code and any RFID tag (badge) or the code of the infrared key are assigned; each user is assigned a “Group”. When a user is identified with a badge or code and at least one of the permits associated with the group is valid, access to the area is guaranteed.

1

Find

surname

groups

badge code

Find

Surname	First name	Group	Default
CLEANER 1		CLEANER	<input type="checkbox"/>
CLEANER 2		CLEANER	<input type="checkbox"/>
GALLI	ETTORE	EURORAC EMPLOYEES	<input type="checkbox"/>
VERDI	GIACOMO	EURORAC EMPLOYEES	<input type="checkbox"/>
ARANCI	ROSA	ALFATECH EMPLOYEES	<input checked="" type="checkbox"/>
FRANCHI	PATRIZIO	ALFATECH EMPLOYEES	<input type="checkbox"/>
ALETTE	FLORA	ALFATECH EMPLOYEES	<input type="checkbox"/>
GROSSI	MAURO	ALFATECH EMPLOYEES	<input type="checkbox"/>
LEONZI	GIACOMO	EURORAC MANAGEMENT	<input type="checkbox"/>
NERI	RICCARDO	ALFATECH MANAGEMENT	<input type="checkbox"/>

2

Add

7

Edit

Delete

User details

Surname \*

Oregliani

First name

Giuseppe

Company

Alfatech

Department

Sales

Supervisor

Leonzi Giacomo

Building

South

Telephone number

Enable

Yes

3

Group name

ALFATECH EMPLOYEES

4

5

Valid from

01/01/2009

0

0

Invalid from

31/01/2021

0

0

6

Badge code

Key code

\*\*\*\*

Save

The “Users” window allows you to perform a series of functions, such as searching for users **1** by surname, badge code or the group they belong to. Users marked ☒ were created using the PCS-Xip program.

Press “Add” **2** to add new users, enable or disable them **3**, associate them with a group **4**, determine the period of validity of the access permit **5** and if applicable assign them a badge and an access code **6**.

Press the applicable buttons **7** to modify or delete users.

Groups

Group	Default
ALFATECH MANAGEMENT	<input type="checkbox"/>
EURORAC MANAGEMENT	<input checked="" type="checkbox"/>
ALFATECH EMPLOYEES	<input type="checkbox"/>
EURORAC MANAGEMENT	<input type="checkbox"/>
CLEANERS	<input type="checkbox"/>

Add
Edit
Delete

Group details

Group details
Group permits

2

Name \* System Maintenance Engineers
Company Italimpianti
Supervisor Rigoni Elio
Telephone number 0421 33333xx

Department
Building
Enabled Yes 3

Save

Press “Add” **1** on the “Groups” window to create groups to which categories of users can be added.

In area **2**, you can assign a name to the group and, if applicable, add other useful information; it is also possible to enable or disable the whole group **3**.

**N.B.**  
Only what is written inside the boxes marked with a red asterisk will appear in the drop-down menu of other programming windows.

## Group details

### Group details

### Group permits

5

EURORAC EAST  
EURORAC EURORAC  
EURORAC EAST  
EURORAC CAR PARK  
EURORAC PEDESTRIAN  
ALFATECH USER

Add ->

<- Remove

ALWAYS NO HOLIDAYS

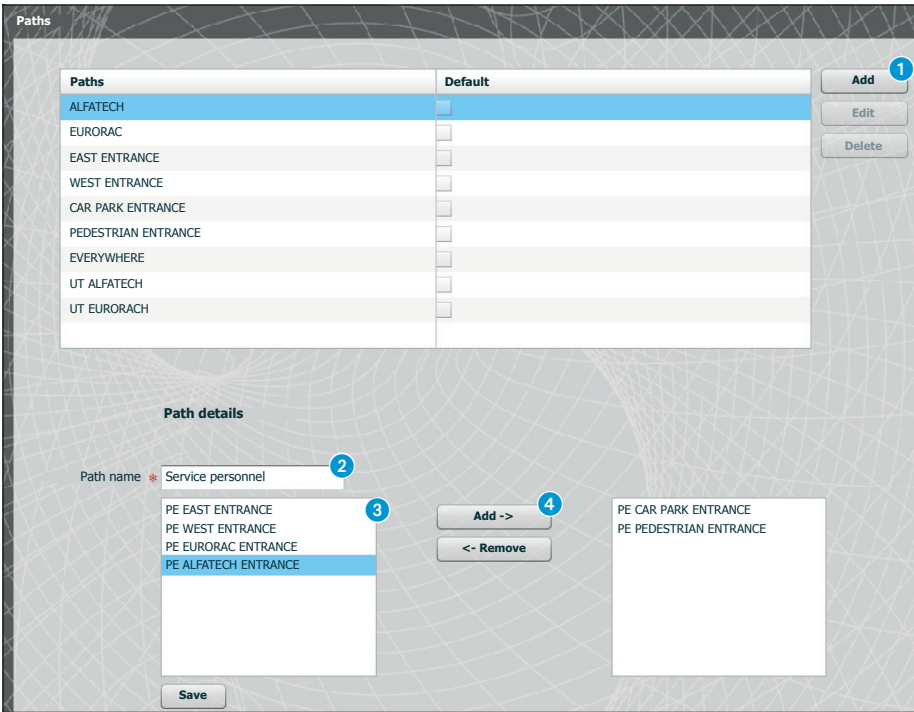
Save

Select the “Group Permits” window 4.

To associate one or more access permits with the selected group, proceed as follows:

Select the desired permit from the list 5 and press “Add”. The selected permit will move onto the right-hand window that contains the permits associated with the Group; to remove a permit from the list of associated permits, select it and press “Remove”.

To add the group to the list, press “Save”.



The **Paths** window displays a table with two columns: **Paths** and **Default**. The **Paths** column lists various locations: ALFATECH, EURORAC, EAST ENTRANCE, WEST ENTRANCE, CAR PARK ENTRANCE, PEDESTRIAN ENTRANCE, EVERYWHERE, UT ALFATECH, and UT EURORACH. The **Default** column contains checkboxes. To the right of the table are three buttons: **Add** (marked with a circled 1), **Edit**, and **Delete**.

Below the table is the **Path details** section. It includes a **Path name** field with a red asterisk and the text "Service personnel" (marked with a circled 2). Below this is a list of gates: PE EAST ENTRANCE, PE WEST ENTRANCE, PE EURORAC ENTRANCE, and PE ALFATECH ENTRANCE (which is highlighted with a blue background and marked with a circled 3). To the right of this list are two buttons: **Add ->** (marked with a circled 4) and **<- Remove**. Further right is a box containing the text "PE CAR PARK ENTRANCE" and "PE PEDESTRIAN ENTRANCE". At the bottom left of the section is a **Save** button.

Press **"Add"** ①, on the **"Paths"** window to create paths by grouping together sequences of gates.

In area ②, it is possible to assign a name to the path.

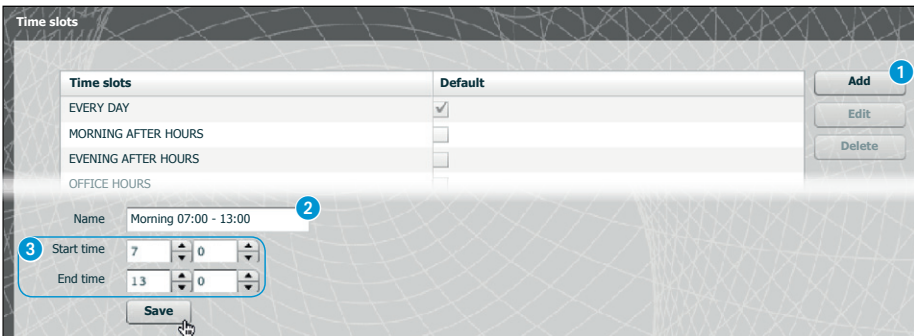
Area ③ contains the list of gates (entry panels equipped with access control) present on the system.

Select the gate to include in the path and press **"Add"**. The selected gate will be moved onto the right-hand window that contains the gates associated with the path. To remove a gate from the list, select it and press **"Remove"**.

To add the permit to the list, press **"Save"**.



## Time slots



The **Time slots** window displays a table with two columns: **Time slots** and **Default**. The **Time slots** column lists: EVERY DAY, MORNING AFTER HOURS, EVENING AFTER HOURS, and OFFICE HOURS. The **Default** column contains checkboxes, with the first one (EVERY DAY) checked. To the right of the table are three buttons: **Add** (marked with a circled 1), **Edit**, and **Delete**.

Below the table is a **Name** field with the text "Morning 07:00 - 13:00" (marked with a circled 2). Below this are two time selection fields: **Start time** (set to 7:00, marked with a circled 3) and **End time** (set to 13:00). At the bottom is a **Save** button.

Press **"Add"** ① on the **"Time slots"** window to create access time slots.

In area ②, it is possible to assign a name to the time slot. In area ③, enter the desired time span.

To add the time slot to the list, press **"Save"**.





## Weekly schedules

Weekly schedules

Schedule	Default
EVERY DAY	<input checked="" type="checkbox"/>
FROM MONDAY TO FRIDAY	<input type="checkbox"/>
WEEKENDS	<input type="checkbox"/>

**Add** <sup>1</sup>

**Edit**

**Delete**

Name \* Wednesday and Thursday <sup>2</sup>

**3** Days ☐ Monday ☐ Tuesday ☒ Wednesday ☒ Thursday ☐ Friday ☐ Saturday ☐ Sunday

**Save**

Press **"Add"** <sup>1</sup> on the **"Weekly schedules"** window to create weekly access programs.

In area <sup>2</sup>, it is possible to assign a name to the weekly schedule. In area <sup>3</sup>, select the days that make up the weekly schedule.

To add the weekly schedule to the list, press **"Save"**.



## Holidays

Holidays

Holidays	Default	Access permitted
RELIGIOUS HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>
EURORAC HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>
NO HOLIDAYS	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Add** <sup>1</sup>

**Edit**

**Delete**

Name \* Alfatech Holidays <sup>2</sup>

Access **Not permitted** <sup>3</sup>

<sup>4</sup> 26/12/2009

☒ Every year

**Add ->** <sup>5</sup> 24/12

**< - Remove** 25/12

**Save**

Press **"Add"** <sup>1</sup>, on the **"Holidays"** window to create groups of days during which access is permitted or denied.

In the area marked <sup>2</sup>, you can assign a name to the group of days (holidays).

Click in the area marked <sup>3</sup> to choose whether access is permitted or denied in the group of days created.

Click in the area marked <sup>4</sup> to see a calendar on which to choose the desired days.

Press the button marked <sup>5</sup> to add the chosen day to the group of holidays.

The holidays added where the flag in the **"Every year"** ☒ box is checked are considered valid every year.

To add the group of holidays to the list, press **"Save"**.

Holidays			
Holidays	Default	Access permitted	
RELIGIOUS HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>	<div>Add</div> <div>Edit</div> <div>Delete</div>
EURORAC HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>	
ALFATECH HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>	
NO HOLIDAYS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CHRISTMAS EVE ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	


If the group of holidays added contains days during which access is permitted (3), in the list of groups of holidays, the “Access permitted” box appears as shown in the figure.

## Permits

Permits		
Permits	Default	
EURORAC EAST	<input type="checkbox"/>	<div>Add 1</div> <div>Edit</div> <div>Delete</div>
EURORAC EURORAC	<input type="checkbox"/>	
EURORAC WEST	<input type="checkbox"/>	
EURORAC CAR PARK	<input type="checkbox"/>	

**Permit details**

Name  2 Alfatech Maintenance

3 Path ALFATECH Time slots ALL DAY

Weekly schedules WEEKENDS Holidays NO HOLIDAYS

Save

Press “Add” 1, on the “Permits” window to create a combination of: paths, time slots, weekly schedules and holidays that will make up the characteristics of the permit.

In area 2, it is possible to assign a name to the permit.

The various drop-down windows in the area marked 3 allow you to select the characteristics of the permit using parameters programmed in advance.

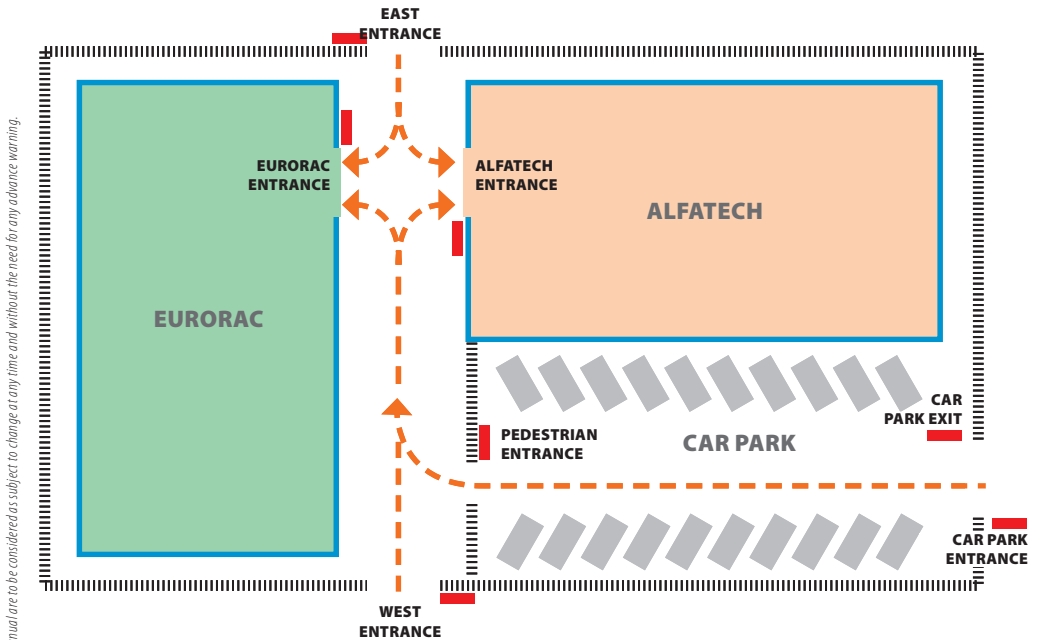
To add the permit to the list, press “Save”.

## Example of use of access control

### Description of installation

Suppose you have to program access control for the complex shown in the figure below, consisting of two buildings used as offices and a fenced car park divided by pedestrian entrances.

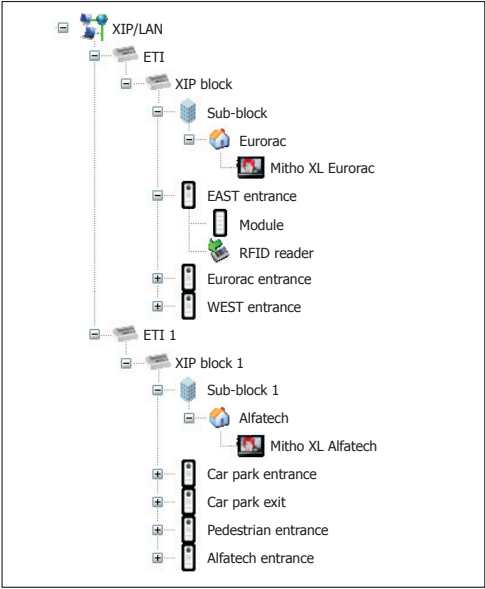
The access control devices positioned at each entrance are shown in red.



### Customer requests

- Allow pedestrian access to the inner courtyard of the buildings to all employees of the two companies through the pedestrian entrances, but make sure that they can only access their particular company
- Allow access through any gate on any day of the year to management only
- Allow access to service personnel only after office hours without passing through the EAST and WEST entrances
- As an exception to the established holidays, allow Eurorac employees access on the morning of Christmas Eve only

Programming



After you have created and programmed the system using the PCS-Xip software, providing it with all the entry panels with RFID readers and indoor units needed as shown in the image, you can program access control via ETIXip. In the case of systems with ETI/MiniSER, the programming and configuration pages are similar.

Group	Default
ALFATECH MANAGEMENT	<input type="checkbox"/>
EURORAC MANAGEMENT	<input checked="" type="checkbox"/>
ALFATECH EMPLOYEES	<input type="checkbox"/>
EURORAC MANAGEMENT	<input type="checkbox"/>
CLEANERS	<input type="checkbox"/>



For the example in question, we begin by creating a series of “Groups” which will contain logical collections of Users.

**User details**

Surname *	Oregliani	First name	Giuseppe
Company	Alfatech	Department	Sales
Supervisor	Leonzi Giacomo	Building	South
Telephone number		Enable	Yes ▾
Group name	ALFATECH EMPLOYEES ▾		
Valid from	01/01/2009 0 ▾ 0 ▾		
Invalid from	31/01/2021 0 ▾ 0 ▾		
Badge code		Key code	****
<b>Save</b>			



We will then create all the “Users” that can access the buildings, taking care to match them to one of the “Groups” created beforehand and to specify the period of validity of access. In order to assign a badge to the user, position the cursor by the “Badge code” space; connect a reader to the PC and place the badge on it to register the code to be given to the User. It is also possible to assign a numeric code to the User by entering it in the “Key code” space if the entry panel is equipped with a keypad.



**Path details**

Path name \* SERVICE PERSONNEL

EAST ENTRANCE  
WEST ENTRANCE

**Add ->**  
**<- Remove**

CAR PARK ENTRANCE  
PEDESTRIAN ENTRANCE  
EURORAC ENTRANCE  
ALFATECH ENTRANCE  
CAR PARK EXIT

**Save**



Let's create some paths, taking customer requirements into account. Let's create a path dedicated to service personnel that allows them to pass through the following gates: car park entrance, car park exit, pedestrian entrance, eurorac entrance, alfatech entrance.

**Path details**

Path name \* IN OUT CAR PARK

EURORAC ENTRANCE  
ALFATECH ENTRANCE  
EAST ENTRANCE  
WEST ENTRANCE

**Add ->**  
**<- Remove**

PEDESTRIAN ENTRANCE  
CAR PARK ENTRANCE  
CAR PARK EXIT

**Save**

## List of paths used in the example

NAME PATH	Gates through which transit is permitted						
	EAST ENTRANCE	WEST ENTRANCE	PEDESTRIAN ENTRANCE	ALFATECH ENTRANCE	EURORAC ENTRANCE	CAR PARK ENTRANCE	CAR PARK EXIT
IN OUT car park							
Service personnel							
Alfatech							
Eurorac							

Name ALL DAY

Start time 0 0

End time 23 59

Name OFFICE HOURS

Start time 0 0

End time 19 0



Now let's create time slots for access to the buildings.

Name EVENING AFTER HOURS

Start time 19 0

End time 23 59

Name MORNING ONLY

Start time 7 0

End time 13 0

Name \* EVERY DAY

Days ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ Sunday



Let's create some weekly schedules for access to the buildings.

Name \* FROM MONDAY TO FRIDAY

Days ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☐ Saturday ☐ Sunday

Name \* WEEKENDS

Days ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒ Saturday ☒ Sunday

Holidays	Default	Access permitted
RELIGIOUS HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>
EURORAC HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>
ALFATECH HOLIDAYS	<input type="checkbox"/>	<input type="checkbox"/>
NO HOLIDAYS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHRISTMAS EVE ONLY	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Let's create groups of days during which access is permitted or denied.

Permits	Default
ACCESS TO THE CAR PARK	<input type="checkbox"/>
ALFATECH ACCESS	<input type="checkbox"/>
EURORAC ACCESS	<input type="checkbox"/>
ALFATECH MANAGEMENT	<input type="checkbox"/>
EURORAC MANAGEMENT	<input type="checkbox"/>
SERVICE PERSONNEL	<input type="checkbox"/>
MORNING ONLY CHRISTMAS EVE	<input type="checkbox"/>



It is now possible to create permits, completing the following elements as required: "Path", "Time slots", "Weekly schedules", "Holidays".



The first customer request is to allow pedestrian access to the inner courtyard of the buildings to all employees of the two companies through the pedestrian entrances, but make sure that they can only access their particular company; to meet this request, we create the following permits:

Name \* ALFATECH ACCESS

Path

ALFATECH

Time slots

OFFICE HOURS

Weekly schedules

FROM MONDAY TO FRIDAY

Holidays

ALFATECH HOLIDAYS

Name \* EURORAC ACCESS

Path

EURORAC

Time slots

OFFICE HOURS

Weekly schedules

FROM MONDAY TO FRIDAY

Holidays

ALFATECH HOLIDAYS

The second customer request is to allow management access from any gate on any day of the year; to meet this request, we create the following permits:

Name \* ACCESS TO THE CAR PARK

Path

IN AND OUT CAR PARK

Time slots

ALL DAY

Weekly schedules

EVERY DAY

Holidays

NO HOLIDAYS

Name \* ALFATECH MANAGEMENT

Path

ALFATECH

Time slots

ALL DAY

Weekly schedules

EVERY DAY

Holidays

NO HOLIDAYS

Name \* EURORAC MANAGEMENT

Path

EURORAC

Time slots

ALL DAY

Weekly schedules

EVERY DAY

Holidays

NO HOLIDAYS

The third customer request is to grant access to service personnel after office hours without passing through the EAST and WEST entrances; to meet this request, we create the following permit:

Name \* SERVICE PERSONNEL

Path

SERVICE PERSONNEL

Time slots

EVENING AFTER HOURS

Weekly schedules

FROM MONDAY TO FRIDAY

Holidays

RELIGIOUS HOLIDAYS

The fourth customer request is to grant access to Eurorac employees on the morning of Christmas Eve only; to meet this request, we create the following permit:

Name \* MORNING ONLY CHRISTMAS EVE

Path

EURORAC

Time slots

MORNING ONLY

Weekly schedules

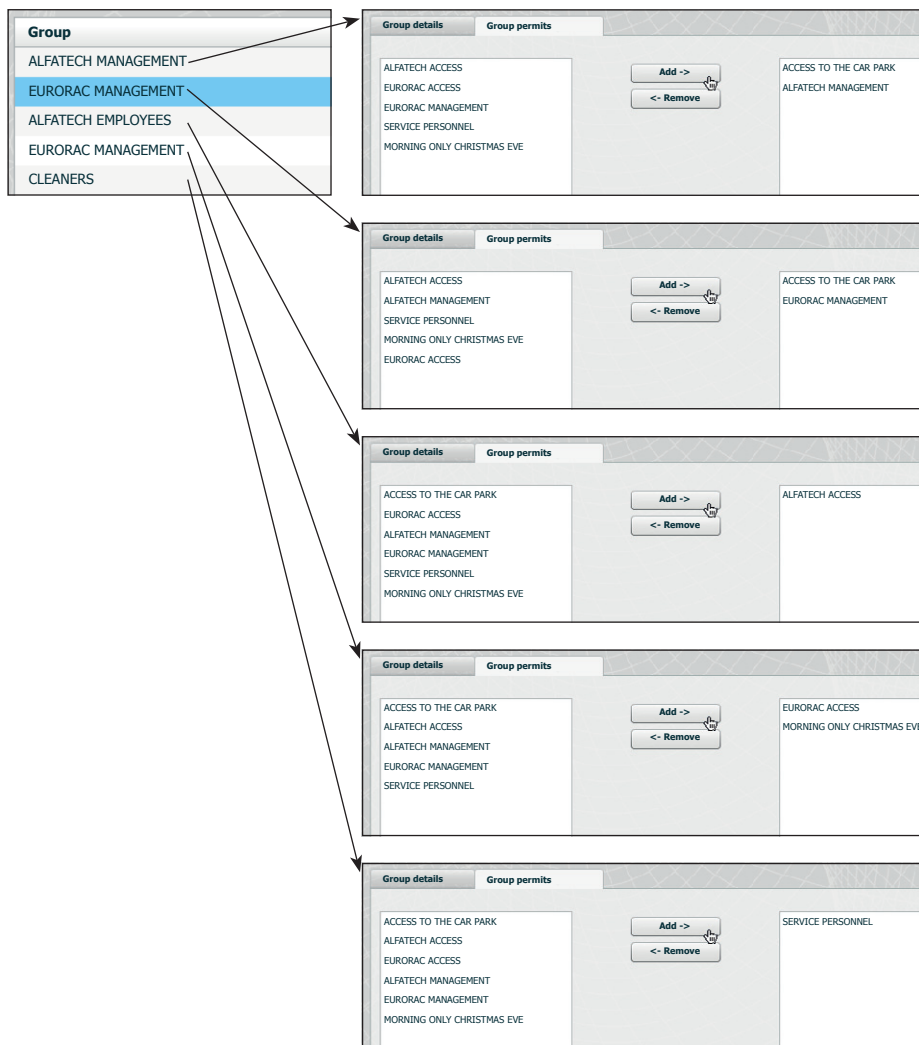
EVERY DAY

Holidays

CHRISTMAS EVE ONLY



All that remains is to assign the “Permits” created for the “Groups” to fully meet the requirements of the customer as follows.



**N.B.**

The one shown is just an example; it is evident that with the available elements duly completed, it is possible to meet any type of requirement.

1

Event type

Any

Range

Block

Any

Find

Index	Date	Event type	Block	Source device	Description
7	2009/11/30 19:34:59	Stato varco	ETI/XIP 4	262401	Stato varco: porta aperta
6	2009/11/30 19:34:57	Stato varco	ETI/XIP 4	262401	Stato varco: porta chiusa
5	2009/11/30 19:34:56	Stato varco	ETI/XIP 4	262401	Stato varco: porta aperta
4	2009/11/30 16:34:44	Stato varco	ETI/XIP 1	65793	Stato varco: porta aperta
3	2009/11/30 16:34:42	Stato varco	ETI/XIP 1	65793	Stato varco: porta chiusa
2	2009/11/30 15:19:36	Controllo accessi	ETI/XIP 5	2	sabotaggio ;

The “Events” window shows a detailed report of system events. The area marked 1 allows you to focus the search on a specific type of event 2, in a specific time range 3 and by a specific system block 4.

Event type

Network module

2

Range

04/04/2010

19/10/2010

3

Block

ETI 5

4

Find

Logs

Diagnostics

Capture network packets

Level

Error

Destination

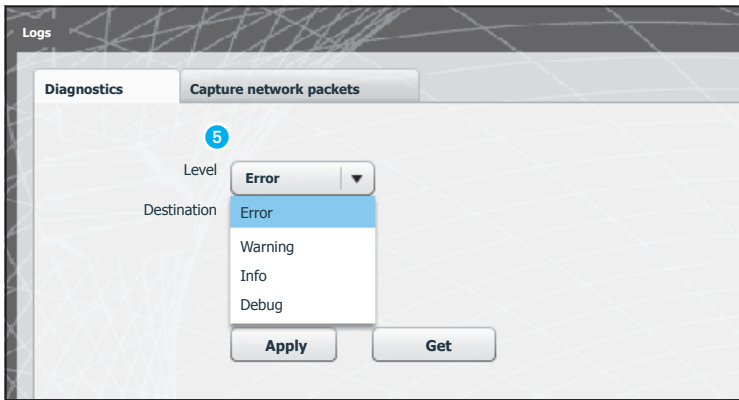
Local

Remote

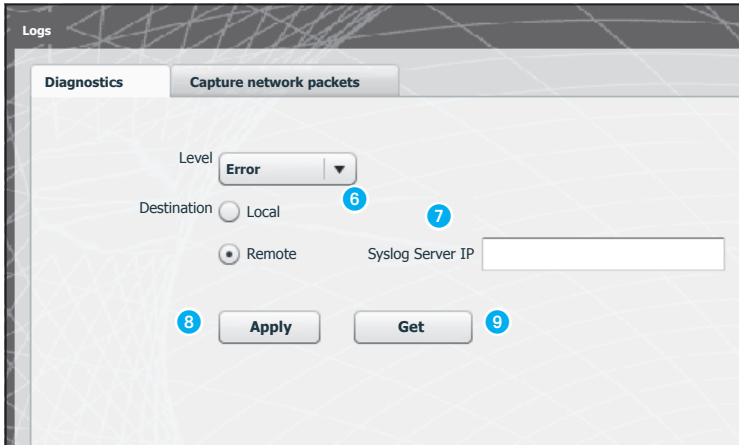
Apply

Get

Using the “Diagnostics” tab, the system will record files (logs) that gather information useful for diagnostics.



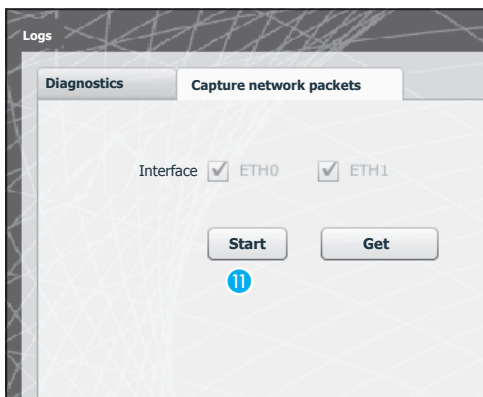
You can choose the type of error **5** to filter, whether to memorise the log files locally in the device memory **6** or on a Syslog server, specifying the IP address **7**.



Press “Apply” **8** to apply the chosen configuration once it has been edited.

Press “Get” **9** for the section in question to obtain the files, using which technical support can find the origin of any problems.

If the destination is ‘Local’, log messages can be retrieved from the device memory, whereas if the position is ‘Remote’, the data is located on the specified server.



From the “Capture network packets” tab, you can start collecting all the data passing to/from the device (**NOT the traffic that passes from one port to the other**).

If the device is configured in ‘Dual Network’ mode, you can choose to collect data from one or both ports (ETH0 or ETH1).

If the device is configured in ‘Switch’ mode, collection takes place for both ports **10**.

The ‘Start’ button **11** allows you to start collecting the data that will be stored in the device’s internal memory.

Software and configuration

Licence management ETI/Miniser Xip management

Type	Description	Created on	Entered on	Quantity	Mac address
1					

Licence request

Description

Request Save

Licence upload

Upload 3

On the “Software and configuration” window, in the “Licence Management” section, you can consult a list of active licences 1 equipped with a series of useful pieces of information.

At point 2, you can request additional licences from CAME, by simply entering the description of the request and pressing “Request”; a file will be generated to save on your PC and send by e-mail.

Once the file needed in order to unblock the licence has been received, press “Upload” 3, identify the file received on your PC and start the upload.

Software and configuration

Licence management ETI/DOMO Xip management

Software version

1.1.0beta4  
C 2.0.14.rc3

Firmware upload 4

Default Access Control settings

Default reset for XIP PABX

Default Home Automation settings

Global default reset

5

In the “ETI/DOMO Xip Management” section, you can view and update the installed software version.

Once you have the file for the update, press 4 and select the file, then proceed to upload.

If one of the buttons 5 is pressed, the relative section will be returned to the default state (all programmed settings will be lost).

**N.B. You cannot save the system configuration and re-import it.**

Manual code: **FA00157-EN** vers. **1** 07/2015 © CAME S.p.A. - The data and information shown in this manual are to be considered as subject to change at any time and without the need for any advance warning.



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