

ScaTerm2Net Application Software**Ref.1372/312**

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1 GENERAL INFORMATION

Agorà 2 PABX can be configured and programmed either by telephone or by ScaiTerm2Net software and other related programs.

This programming is possible with a direct connection to the PABX via a serial port or USB, or another networked PC connected to the PABX

It is suggested to program with ScaiTerm2Net because of its easiness and because the programming can be saved in a file and then totally re-established.

For additional details or explanations about ScaiTerm2Net use, refer to the program help, that is accessible from each window by clicking the button with the question mark.

2 MINIMUM SYSTEM REQUIREMENTS:

- Intel Pentium® 200Mhz processor
- 64 MB RAM
- 5 MB hard disk free space
- SVGA video card
- Mouse
- RS-232 serial port available or USB (for Win2k or WinXp Operating System)
- Microsoft Windows 95® (32 bit), 98,2000, NT, XP Operating System or higher
- LAN card

3 INSTALLATION

WARNING: it is recommended to close all Windows applications before the startup of this installation program.

NOTE: *In case of connection with USB cable, with Win2k or WinXp operating system it is necessary to install the drivers present in the installation CD, in Driver folder.*

Installation of Agorà 2 PABX application on your PC

1. Insert CDROM in the PC, select Software\ PC Application folder and click on AgoràSetup01_00.exe icon
2. In Start menu select Run
Click on Search...
Select CD-ROM drive
Select Software\ PC Application folder and click on AgoràSetup01_00.exe icon
3. Follow installation program instructions till you have completed the procedure

To uninstall the application:

To remove the application, in Start menu select "Programs\Urmec Domus\Agorà2\Uninstall Scaiterm2Net" or use uninstallation standard procedure for Windows programs:

In "Control panel" click on "Applications installation", select "Scaiterm2Net" and continue by following the instructions.

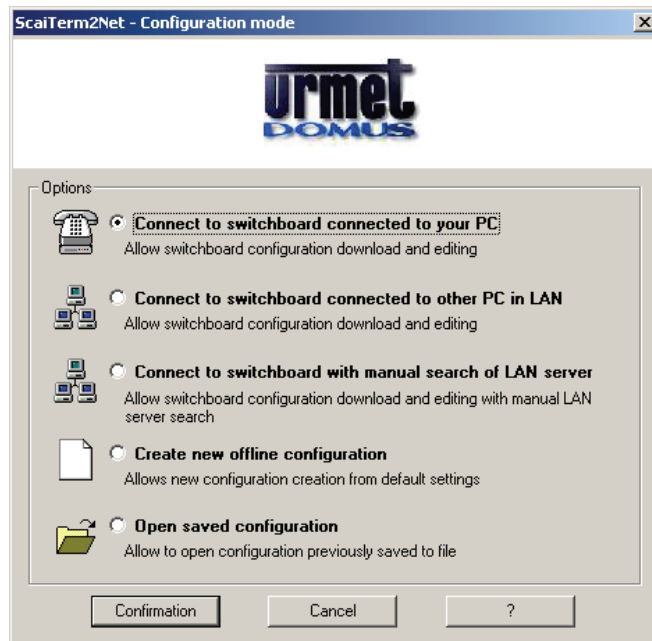
4 PROGRAM STARTUP

Connect the PC via the serial port **RS232** to the PABX with the appropriate cable.

Launch **ScaiTerm2Net** program by selecting in WINDOWS toolbar:

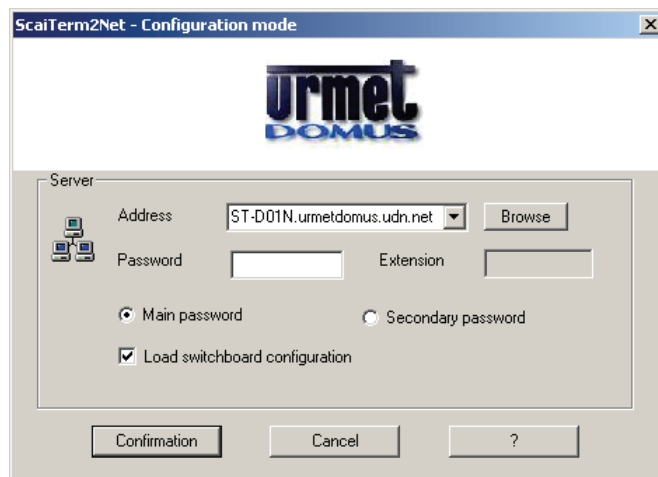
Start\Programs\UrmnetDomus\Agorà2\Scaiterm2Net

On application opening is displayed a window called “ScaiTerm2Net – Configuration mode”, where it is possible to choose the PABX connection mode.



In this way it is possible to connect to the PABX, directly or on local network, or also open a saved configuration or create a new offline configuration.

When you choose to connect to the PABX, a new window is opened, where you must set the server address and the password, that can be main or secondary, according to the access you want to make.



WARNING: Note about connection via USB/Serial converter

Agorà 2 PABX can be connected to a PC:

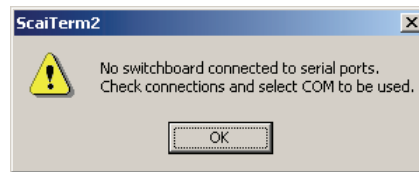
- via direct connection to RS232 serial port
- via connection to a USB port

For long distance connections it is necessary to use the serial port.

When using a USB/Serial converter, with some converters, you must take care of USB ports details used by the PC.

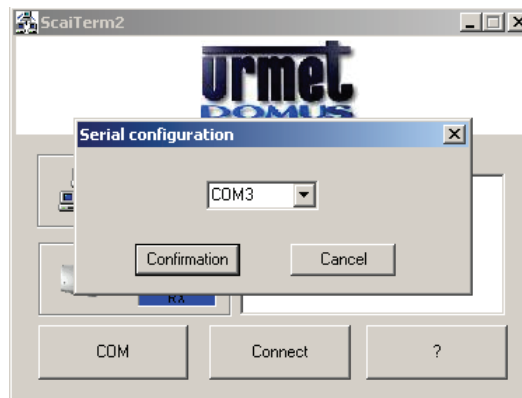
If you have problems with connection it is suggested to contact the technical assistance.

In particular, after launching “Connect to the PABX linked to your PC” procedure, described before, you may receive the following error message:



This message means that the PC has not been able to connect automatically to the PABX on serial port and it is necessary to connect it manually.

By clicking on **OK** will be opened the server window and the serial configuration window.



In this last window it is possible to verify and choose the PC port where the PABX is connected via the converter; with **Connect** button in the server window it is possible to connect manually.

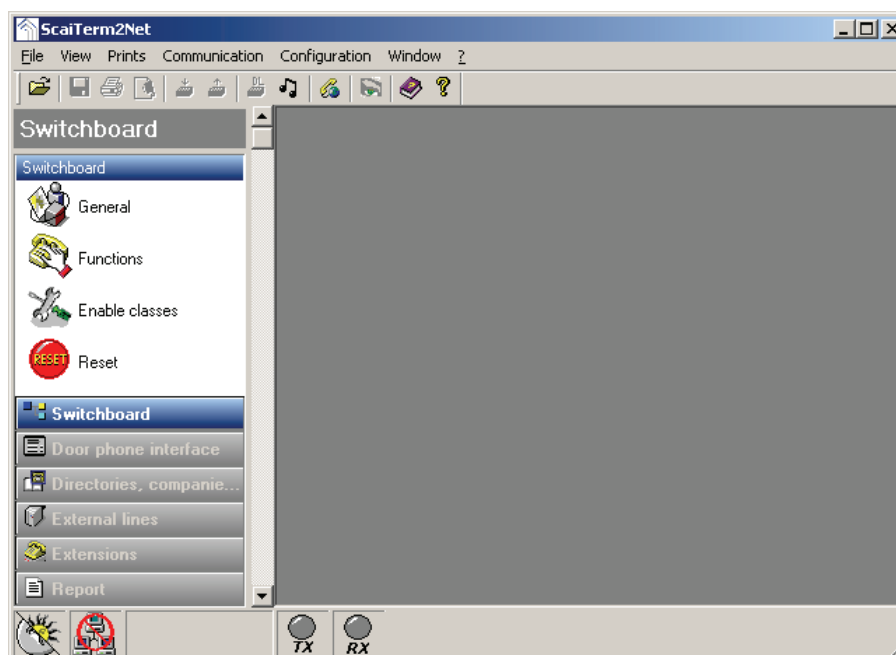
If, after this operation, the following error message appears:



you must press again **Connect** button; now the connection should be correctly established and you can continue the standard procedure described in this chapter.

When PABX access is obtained, you must wait till configuration reading is complete, if it has been requested; otherwise you can read the configuration in **Communication\receive programming data** menu.

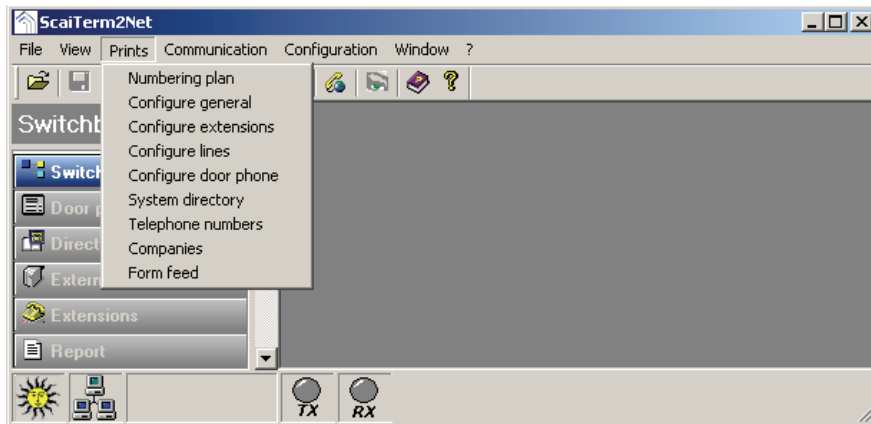
After reading all PABX parameters, will be displayed the main application window, where you can program the PABX different services, general settings, outside lines and single extensions, in the menu on the left.



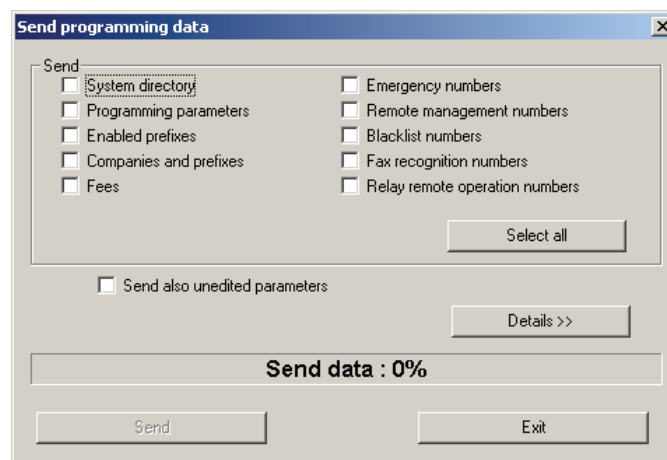
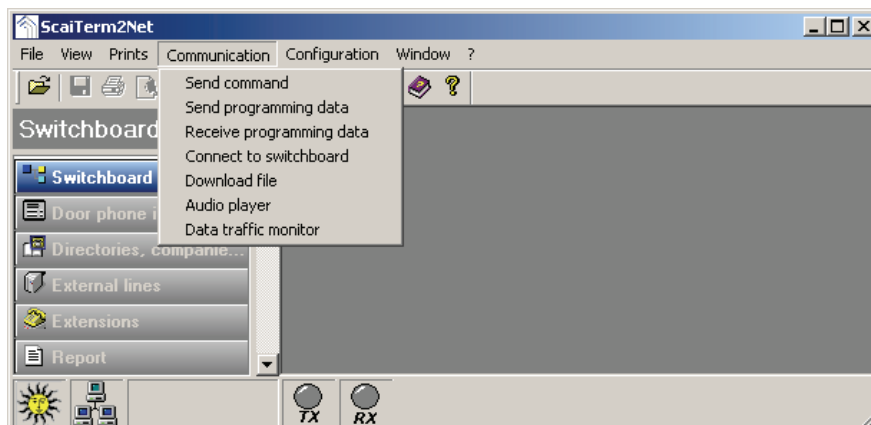
5 APPLICATION USE

5.1 MENU

In **Prints** menu it is possible to activate the single print of the numbering plan, the general configuration and extensions, outside lines and door entryphone configurations. It is also possible to print the directory, the tables of telephone numbers (emergency, remote management, black list...), carriers and enabled area codes. At last you may enable telephone traffic continuous printing.



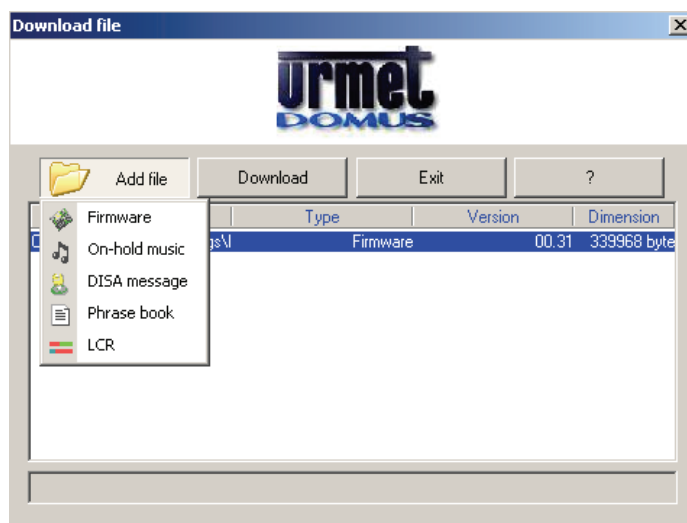
Below is shown the **Communication** menu. In this menu it is possible to establish a connection with the PABX, in order to send and receive programming data, by selecting, as shown in the figure, the desired parameters only (directories, tables or programming parameters).



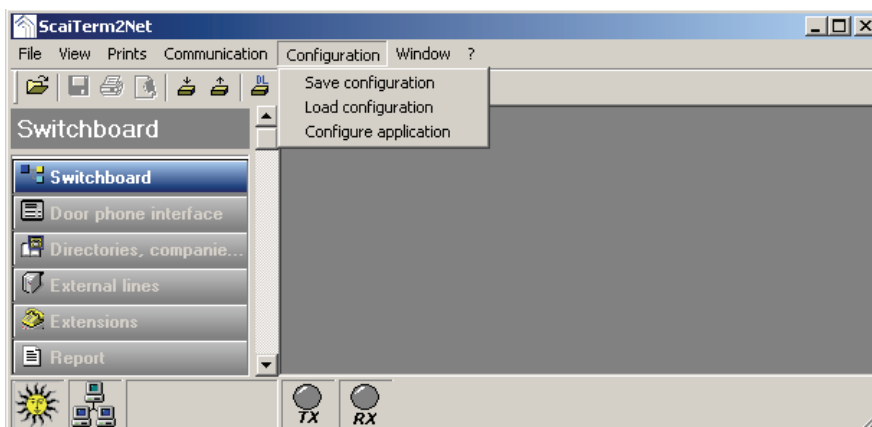
It is also possible, in the window in the following page, to download on the PABX firmware, phrasebook, configuration file for LCR, music-on-hold and messages for DISA. During download will be activated a window as shown in the figure, that allows to monitor the progress.

'Sound reproduction' command launches the Windows sound recorder.

NOTE: The file for music and DISA messages can be in wav or mp3 format. The max length for the file is about 15 seconds, bigger files will be cut at the initial 15 seconds.



At last, here is the **Configuration** menu, where it is possible to save a PABX configuration. The saved configurations can be loaded and sent to the PABX. In **Configure application**, finally, you access to a menu where you can set some parameters for print and use of the software, including the language.



5.2 PABX

General programming screen allows to configure all the PABX general parameters.

In particular:

- In 'Enables' folder it is possible to define the music-on-hold type (default, external, received by a PC, recorded by telephone or any), your own area code, the international dialling code and the PABX main password. In 'Special extensions' folder it is possible to define the PABX special extensions, including the operator station, the answering machine, the fax machine, the extensions configured as door entryphone units and the extension to be notified if the telephone calls buffer is nearly full or if the PABX has been off for more than 48 hours (in this case you must check if the system hour is correct by entering #650 in any extensions).

The image displays two side-by-side screenshots of the 'General switchboard settings' window. The left window shows the 'Enables' tab with fields for Main password, Own district prefix, International prefix, and On-hold music. The right window shows the 'Special extensions' tab with settings for Operator's station, Answering service, Fax / Modem, Extension to be informed if, and Extensions as door phone inputs.

- in 'Date and time' folder it is possible to assign the date and hour values. The system values are suggested as a reference. It is also possible to choose if you want the automatic set of summer time.

The image displays a screenshot of the 'General switchboard settings' window, specifically the 'Date and time' tab. It includes fields for Date (26/09/2006) and Time (14.05), with buttons for Read date, Send date, Read time, and Send time. A checkbox for 'Use summer saving time' is checked.

- in 'Timer' folder it is possible to set the park timer values and the two DISA call diversion timers; the first one is the time after which a DISA call for an extension becomes broadcast, the second one is the time after which this broadcast call expires and is disconnected. The call duration timer is also programmable, for calls among trunk lines (for services on private lines as call transfer, external call diversion and door entryphone follow-me).

General switchboard settings

Enables: Timer | Special extensions: Group/line numbering | Date and time: Printer/Log

Parking timer

 Time is expressed in seconds
 Value from 0 to 300

DISA extension timer
 Timer 1:
 Timer 2:
 Time is expressed in seconds
 Value comprised between 1 and 99

External line call timer
 from 1 to 99 minuterer:

Confirmation Cancel ?

- in 'Group / line numbering' folder, besides general call codes, the engagement of the first free line and of the first private free line (modifiable in the numbering plan), it is possible to display the ring groups, the number used to call them, the extensions associated to the special ring groups and the name associated to it. To associate an extension to a ring group you must access to the extension programming.

General switchboard settings

Enables: Timer | Special extensions: Group/line numbering | Date and time: Printer/Log

General call
 Group 0: Call all extensions

Programmable groups

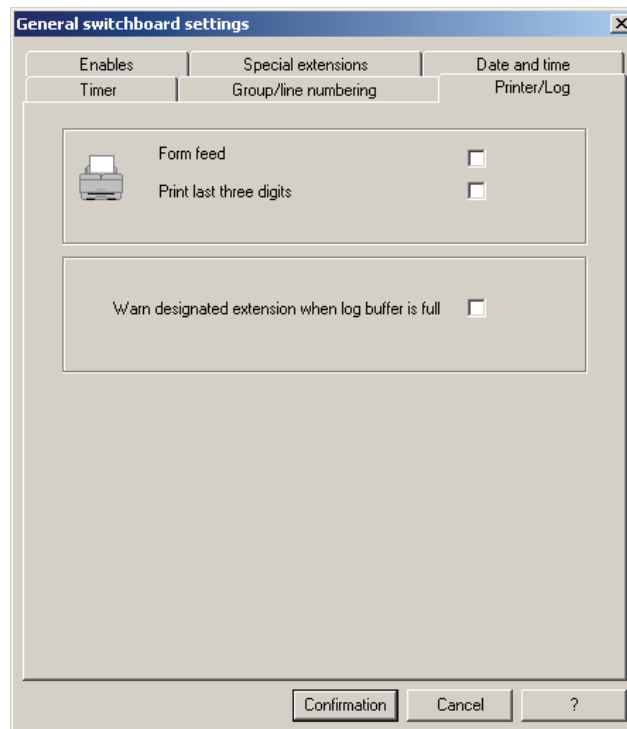
	Number	Extensions	Group name
Group 1	731	Empty	
Group 2	732	Empty	
Group 3	733	Empty	
Group 4	734	Empty	
Group 5	735	Empty	
Group 6	736	Empty	
Group 7	737	Empty	

External line engagement code:
Flash button time on local line:

Engage first free line: Number:
Engage first free private line: Number:

Confirmation Cancel ?

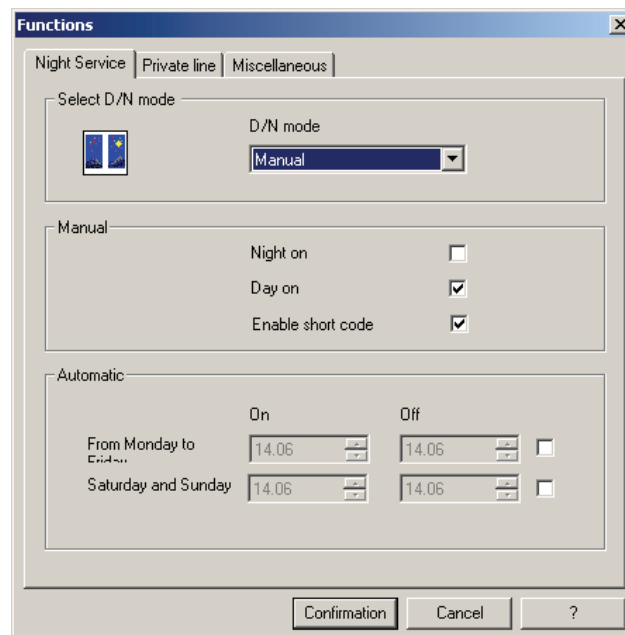
- in 'Printer/Log' folder you can find the parameters concerning telephone traffic printing, that allow to enable the continuous printing and the signalling to the defined extension, if buffer is nearly full. It is also possible to program if you want to print also the last three digits of the number (disabled by default to respect right to privacy).



PABX **Functions** window includes all possible PABX features:

In particular:

- in 'Night service' folder you can configure the night service parameters, as activation mode (manual, automatic or by switch). If you choose manual mode, it is possible to activate it in the following boxes or also with a short code, if enabled. If you choose automatic mode, it is necessary to set the night service start and end time for the days Monday-Friday and Saturday-Sunday.




- in 'Private line' folder are enabled the private line services, as the call transfer and the callback of messages presence in answering machine memory. For both services it is necessary to have a private line; for the second one it is necessary to configure an extension as answering machine.

Functions

Night Service | **Private line** | Miscellaneous

IMPORTANT: This functions are available on private line only


Divert call function

 Number

Notes

Active ☒ None

Answering service messages

 Number

Notes

Active ☒ None


Confirmation Cancel ?

- In the other window 'miscellaneous' folders are configurable the parameters of additional services, including Hot Line number and notes concerning it, if present.

Functions

Night Service | Private line | **Miscellaneous**

Hot Line number

 Number

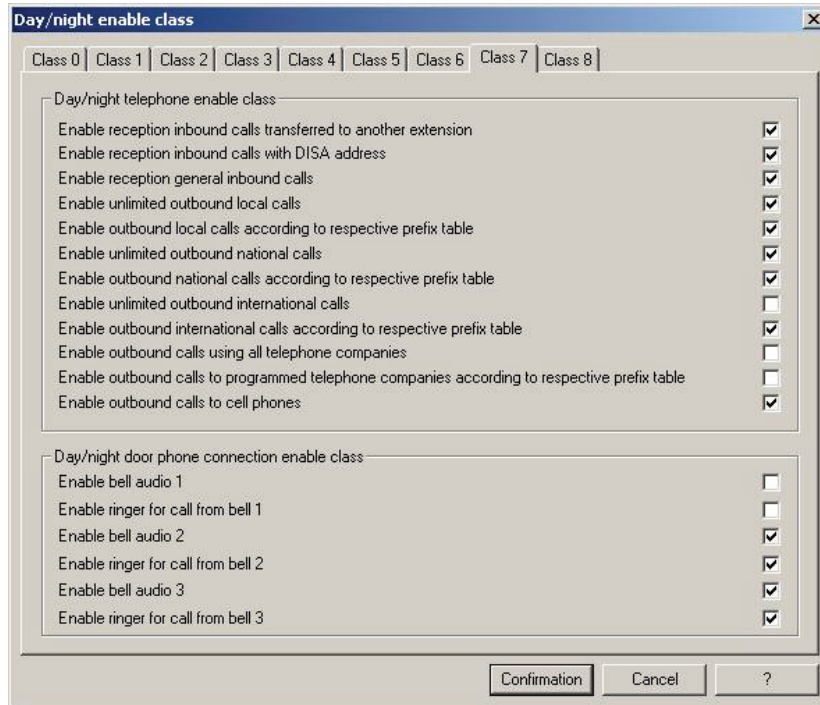
Notes

Confirmation Cancel ?

In the following PABX **Day/Night enable class** window, it is possible to display and change, if needed, the structure of the nine enabling classes to which the extensions can be assigned.

The folder of class 7 is shown as an example. If an extension is assigned to this class, as shown in the figure, the extension will be able to receive all the calls, but to make only the marked calls, in particular all local, national calls or calls to cellular phones, while it will be able to make international calls only with area codes entered in the appropriate table, that will be shown after.

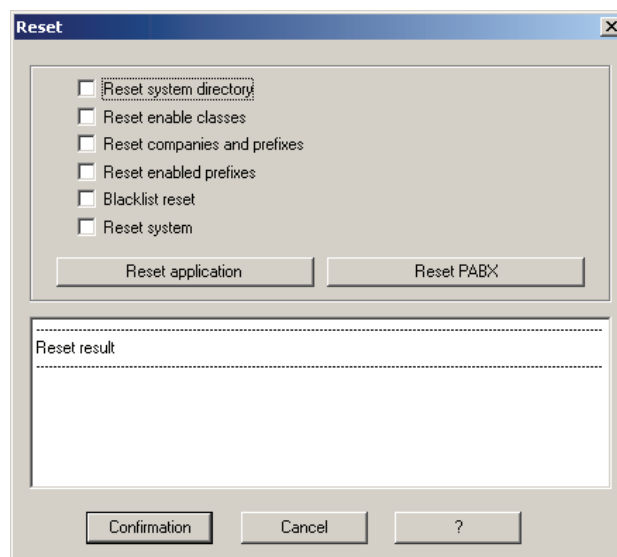
About door entryphone classes, in this class the extension can communicate with the doorbells 2 and 3, but not with doorbell 1.



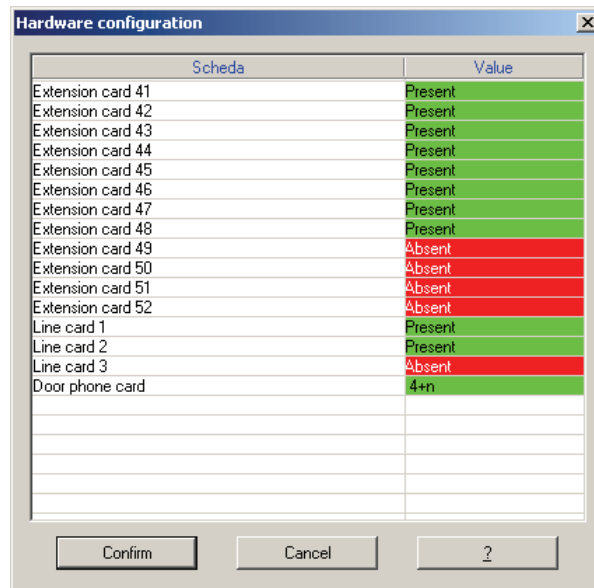
The classes follow an enabling increasing order.

In the following window, named **Reset**, it is possible to restore the default configurations for all the PABX parameters (system reset) or reset only the directory, the enabling classes, the carrier and enabled area codes tables and the black list.

These resets can be sent to the PABX (reset PABX) or to the application software only in order to be sent afterwards.



The PABX last window concerns **Hardware configuration**.



The screenshot shows a window titled "Hardware configuration" with a close button (X) in the top right corner. Inside the window is a table with two columns: "Scheda" and "Value". The table lists various hardware components and their status. The status is indicated by the text in the "Value" column and the background color of the row: green for "Present" and red for "Absent".

Scheda	Value
Extension card 41	Present
Extension card 42	Present
Extension card 43	Present
Extension card 44	Present
Extension card 45	Present
Extension card 46	Present
Extension card 47	Present
Extension card 48	Present
Extension card 49	Absent
Extension card 50	Absent
Extension card 51	Absent
Extension card 52	Absent
Line card 1	Present
Line card 2	Present
Line card 3	Absent
Door phone card	4+n

At the bottom of the window are three buttons: "Confirm", "Cancel", and a help button with a question mark icon.

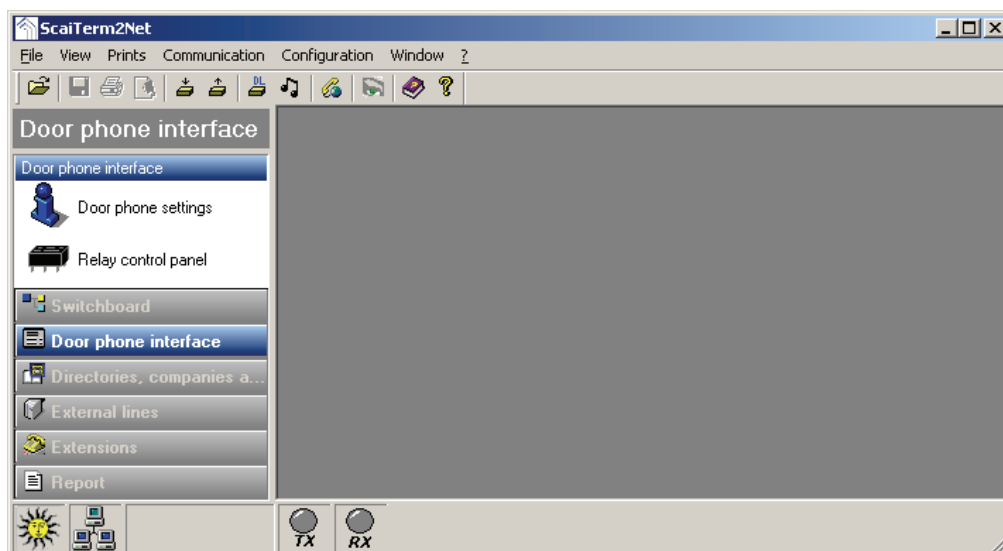
NOTE: When a connection to the PABX is established, the software performs an hardware probing and signals all the present cards. In the figure is shown a configuration with: 2 outside lines cards, 8 extensions cards and one 4+N door entryphone card

Instead of connecting to the PABX to load directly its configuration, if you want to create an offline configuration it is necessary to click on the icon with "the eye" or select **Display/display all devices** menu. In this way the software shows all the devices that can be added to the PABX; at the beginning these devices are red highlighted, because they are not yet included in the configuration. So it is possible to change all devices parameters and then click on the hardware configuration window to enable the desired devices.

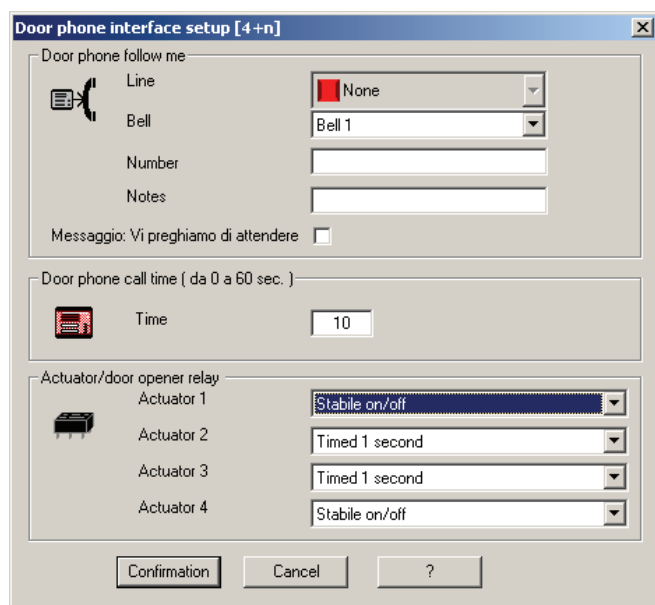
After activation, the devices will not be any more red highlighted and then it will be possible to save the created configuration and load it on the PABX.

5.3 DOOR PHONE INTERFACE

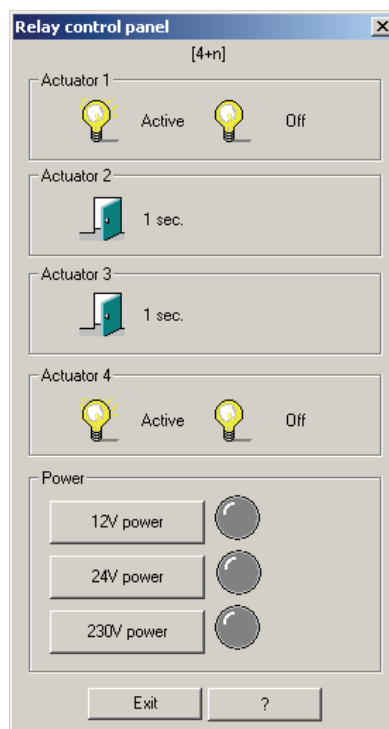
The second application screen concerns door entryphone and relays interface.



In the first window of the screen, called **Door entryphone interface setup**, it is possible to program the parameters of door entryphone follow-me, change door entryphone call timer and configure the operation of the actuator relay placed in the base and the operation of the 3 actuator relays present on the different door entryphone cards.

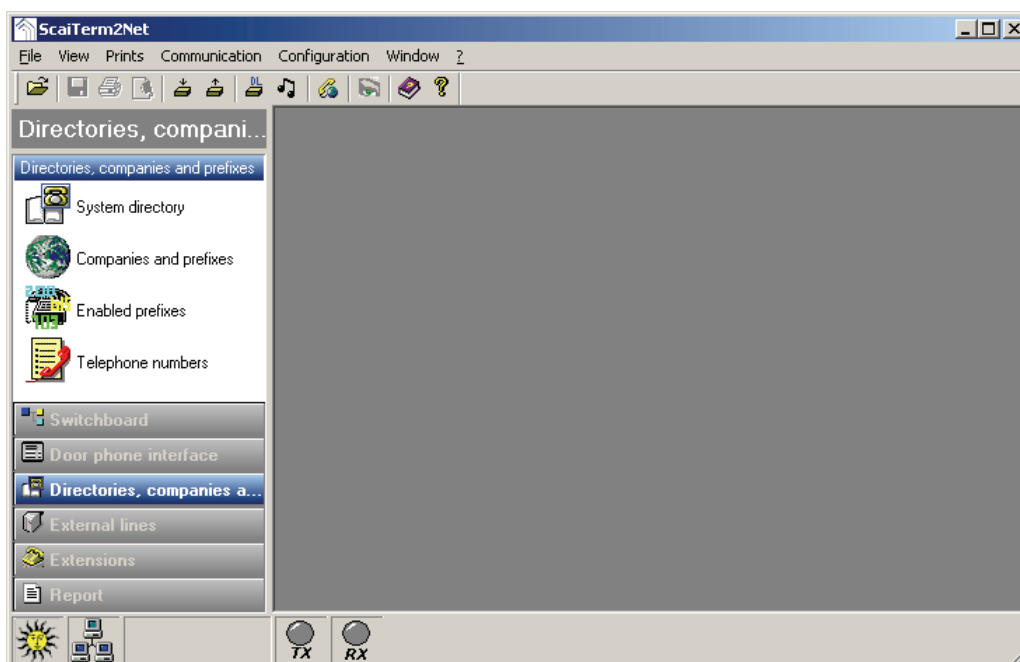


In the second window, named **Relay control panel**, it is possible to control the actuator relay placed in the base and the 3 actuator relays present on the different door entryphone cards, according to programming made in the previous window. It is also possible to do a power supply test.

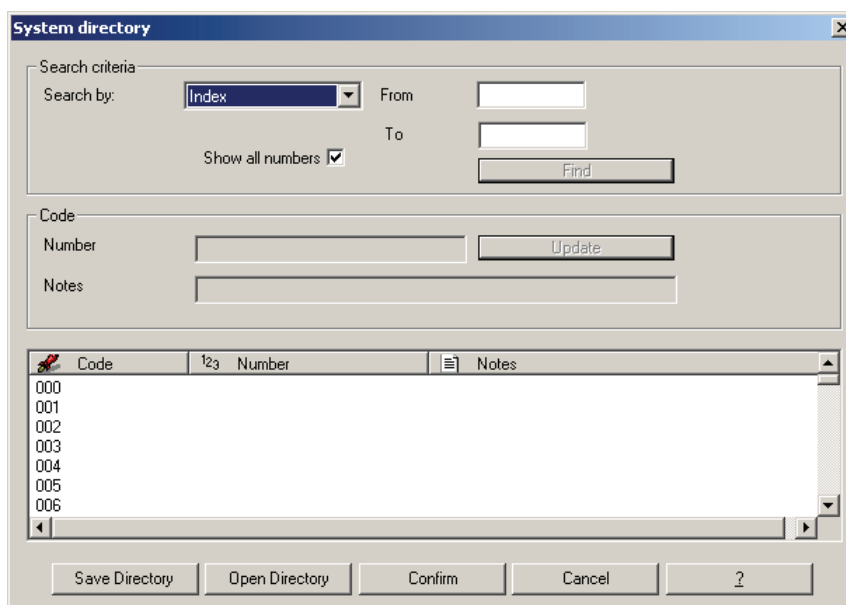


5.4 DIRECTORIES, COMPANIES AND PREFIXES

In the next screen it is possible to manage the directory, the carriers and enabled area code tables and the telephone numbers tables (remote management, emergency, relay remote operation, fax recognition and general black list).



The first window of this screen is **System directory**, accessible by all users, where you can enter 100 numbers (remember to put 0 before the number, or the line engagement code); the directory can also be saved and loaded.



It is also possible to make searches in the directory, by using as key the index, the name or the number area code.

The second screen window concerns PABX enabled **Companies and prefixes**; it is possible to set six different carriers and associate to each one a set of area codes that can be used with that carrier. These settings are related to an extension which is in a class where are allowed only calls to carriers and their tables.

Companies and prefixes

Company 0 | Company 1 | Company 2 | Company 3 | Company 4 | Company 5

Company: **10XYZ** Number:

IMPORTANT: The telephone company must have at least 4 digits and must start with 10


Enabled prefixes:

06-33	0:	<input type="text"/>	5:	<input type="text"/>
001	1:	<input type="text"/>	6:	<input type="text"/>
	2:	<input type="text"/>	7:	<input type="text"/>
	3:	<input type="text"/>	8:	<input type="text"/>
	4:	<input type="text"/>	9:	<input type="text"/>

Confirmation Cancel ?

Enabled prefixes

Local prefixes | National prefixes | International prefixes



0:	<input type="text"/>	5:	<input type="text"/>
1:	<input type="text"/>	6:	<input type="text"/>
2:	<input type="text"/>	7:	<input type="text"/>
3:	<input type="text"/>	8:	<input type="text"/>
4:	<input type="text"/>	9:	<input type="text"/>


Confirmation Cancel ?

The same condition is shown in the next window where, independently to the carriers, can be set the area codes (local, national, international respectively) allowed for an extension placed in a class that imposes these restrictions. It is important to remember not to repeat in these fields your own district code or international dialling codes, that are included in PABX parameters.

Telephone numbers

Relay + remote room | Fax recognition | Blacklist

Remote management | Emergency



0:	<input type="text"/>
1:	<input type="text"/>
2:	<input type="text"/>
3:	<input type="text"/>
4:	<input type="text"/>
5:	<input type="text"/>
6:	<input type="text"/>
7:	<input type="text"/>
8:	<input type="text"/>
9:	<input type="text"/>


To insert the telephone numbers of the customers authorizes you to the remote administration of the centralino.
NB: This performance is usable if service CLI is present.

Confirmation Cancel ?

Telephone numbers

Relay + remote room | Fax recognition | Blacklist

Remote management | Emergency



0:	<input type="text" value="112"/>
1:	<input type="text" value="113"/>
2:	<input type="text" value="115"/>
3:	<input type="text" value="118"/>
4:	<input type="text"/>
5:	<input type="text"/>
6:	<input type="text"/>
7:	<input type="text"/>
8:	<input type="text"/>
9:	<input type="text"/>

Enter emergency number that all extensions can call without restriction. Example: 112,113,115,118...

Confirmation Cancel ?

Telephone numbers

Remote management | Emergency

Relay + remote room | Fax recognition | Blacklist

0:

1:

2:

3:

4:

5:

6:

7:

8:

9:

To insert the telephone numbers of the customers authorizes you to the relay remote operation and to room the monitor remote.
NB: This performance is usable if service CLI is present.

☐ Active

Confirmation Cancel ?

In the five folders of the last window it is possible to set:

- the numbers enabled to the PABX remote configuration
- the emergency numbers, that can be always called, even from numbers that are placed in classes where any call is not enabled.
- the numbers enabled to remote relays actuation and remote room monitor, with CLI (caller's ID) function
- the numbers enabled to fax automatic recognition, with CLI function
- the general black list numbers and the extensions assigned to the different numbers.

Telephone numbers

Remote management | Emergency

Relay + remote room | Fax recognition | Blacklist

0:

1:

2:

3:

4:

5:

6:

7:

8:

9:

Extension that can call the dialled number

Extension that cannot call the dialled number

41

42

43

44

45

46

47

48

49

>>

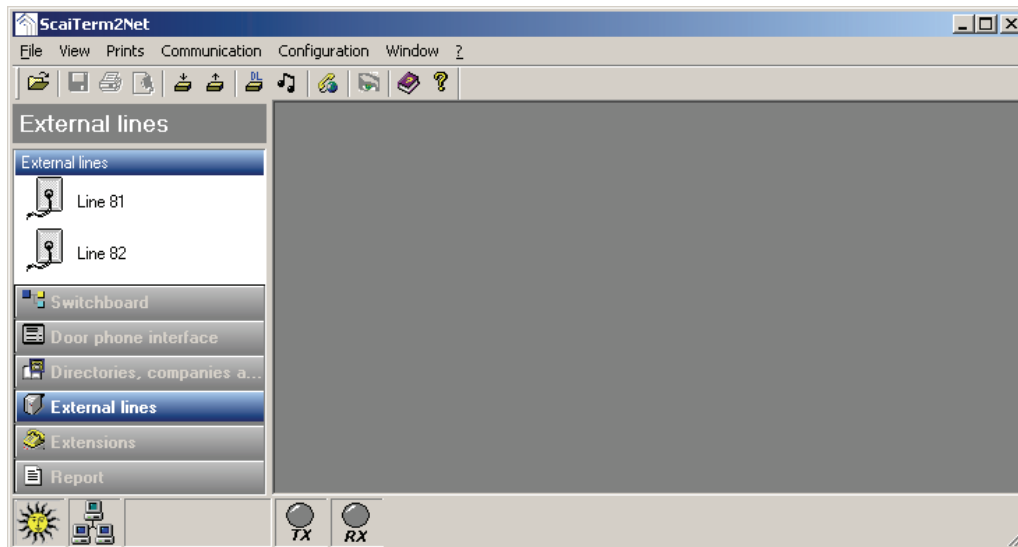
<<

☐ Active

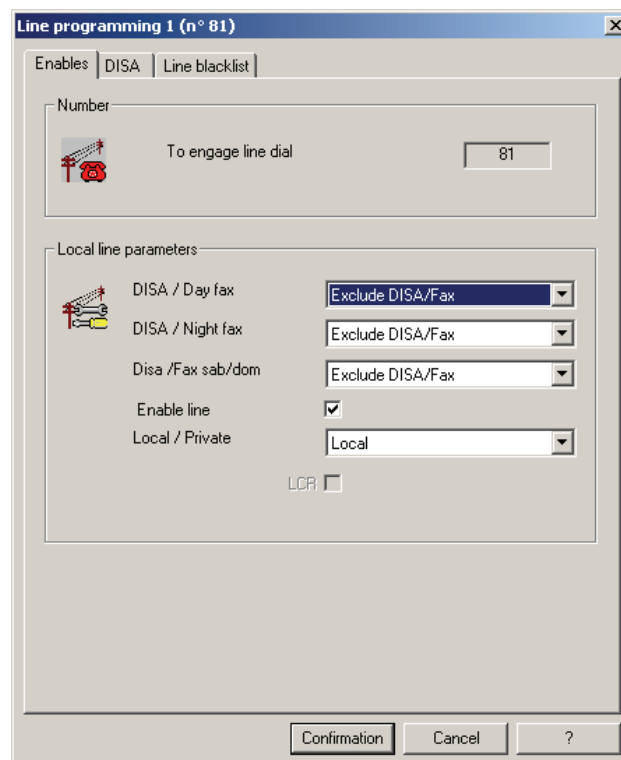
Confirmation Cancel ?

5.5 EXTERNAL LINES

The PABX fourth screen concernernal **External lines**.
The example in the figure shows two outside lines.



If you click on the lines appears a window with three folders. The first folder concerns **Enables**; in this folder it is possible to set Disa and fax machine enabling/disabling during day, night and saturday/sunday; it is also possible to enable/disable the line and set it as outside or private line. Finally it is possible to enable on the line the Least Cost Routing service (for details about LCR refer to related chapter). Remember: for LCR enabling, it is necessary to set your own discript area code in the field concerning PABX general parameters.



In the second folder you may configure the messages for Disa, in day, night, saturday/sunday and jolly mode. For each situation it is possible to choose two messages among default message, message received by PC or one of the two messages that can be recorded directly on the PABX. In the last field can be set the rings number, after which the Disa message is activated; this parameter is set, by default, after two rings, to allow the PABX to obtain information about calling number (CLI).

Line programming 1 (n° 81)

Enables DISA Line blacklist

Day DISA from Monday to Friday

Message 1: Default Message 2: None

Night DISA from Monday to Friday

Message 1: Default Message 2: None

DISA Saturday/Sunday

Message 1: Default Message 2: None

Jolly DISA

Message 1: Default Message 2: None

☐ Enable

Rings before DISA reply

DISA after 2nd ring

Confirmation Cancel ?

In the last folder it is possible to store the black list numbers, related to this line.

Line programming 1 (n° 81)

Enables DISA Line blacklist

Line blacklist

0:

1:

2:

3:

4:

5:

6:

7:

8:

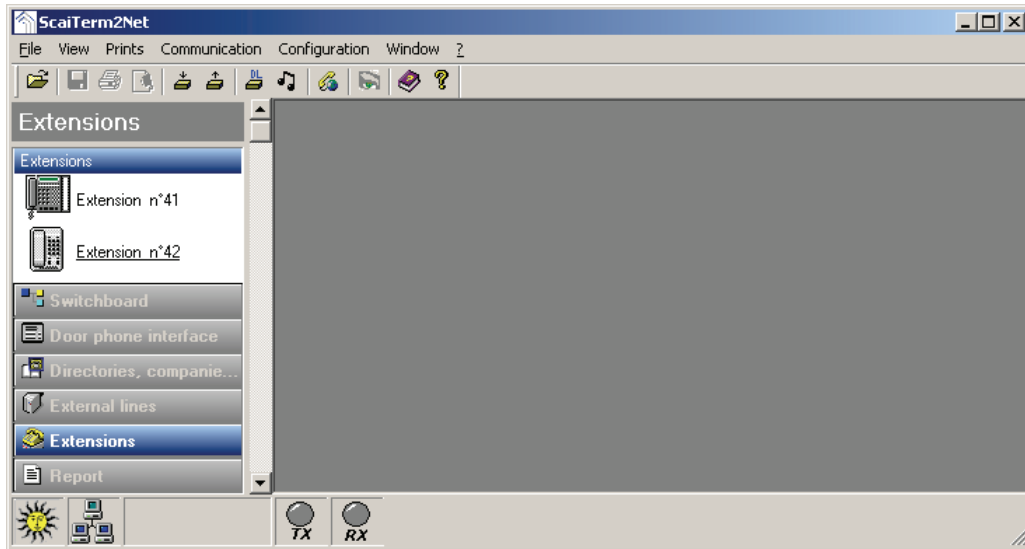
9:

Confirmation Cancel ?

5.6 EXTENSIONS

The last application screen concerns **Extensions** configurations.

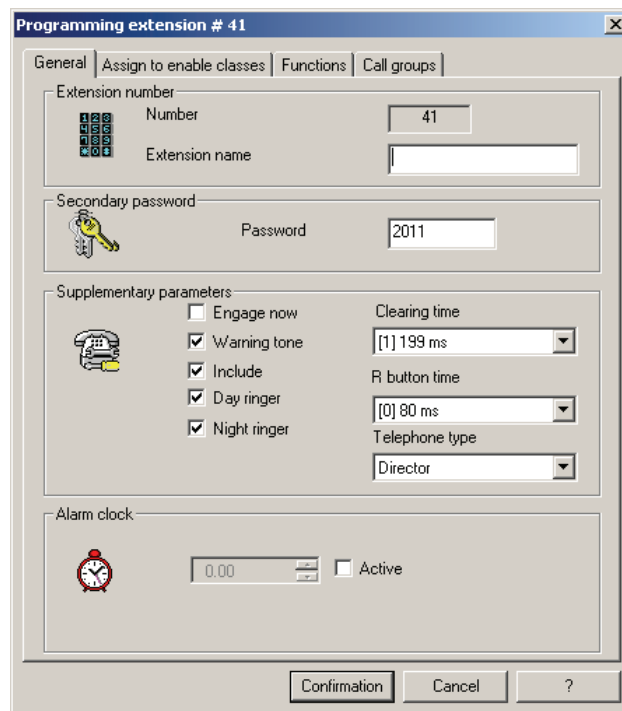
The figure shows an example with 5 extensions, where: 41 is set as operator station, 42 as answering machine, 43 as fax machine, 44 as Director telephone and 45 as KTS.



By clicking on one of the extensions you gain access to parameters programming window. This window is composed by four folders.

In particular:

- The 'General' folder contains PABX general parameters. It is possible to associate a name to an extension and change its password, enable the immediate engagement, the advice tone, inclusion and day and night ring tones. It is also possible to change hang up time, R button duration and telephone type. At last wake-up service can be enabled.



- in 'Assign enable classes' folder can be configured all the extension enabled functions. You can set telephone and door entryphone enabling classes, for day and night; you can decide which lines or outside lines, incoming or outgoing, can be used by the extension and on which lines it can make the call pickup.

Programming extension # 41

General | **Assign to enable classes** | Functions | Call groups

Day/night enable class

Enable day telephone mode: **Class 8** Enable night telephone mode: **Class 8** Day door phone connection: **Class 8** Night door phone connection: **Class 8**

Assign outbound lines

Local lines: 1: ☒ 2: ☒ 3: ☒

Assign inbound lines

Local lines: 1: ☒ 2: ☒ 3: ☒

Pick-up

Local lines: 1: ☒ 2: ☒ 3: ☒

Confirmation Cancel ?

- in 'Functions' folder there are the parameters of all features that can be enabled for the extension. In particular it is possible to activate the 'Do not disturb' feature (by selecting the desired lines), to configure the external diversion on private line and different call diversions on another extension (immediate or follow-me, delayed and busy call forwarding)

Programming extension # 41

General | Assign to enable classes | **Functions** | Call groups

Do Not Disturb

Local lines: 1: ☐ 2: ☐ 3: ☐ Bells: 1: ☐ 2: ☐ 3: ☐ ND on: ☐ Extensions: ☐

Divert out

Diversion number: Notes: Active on line: **None**

Divert now / Follow-up

Diversion number: **None**

Divert when busy

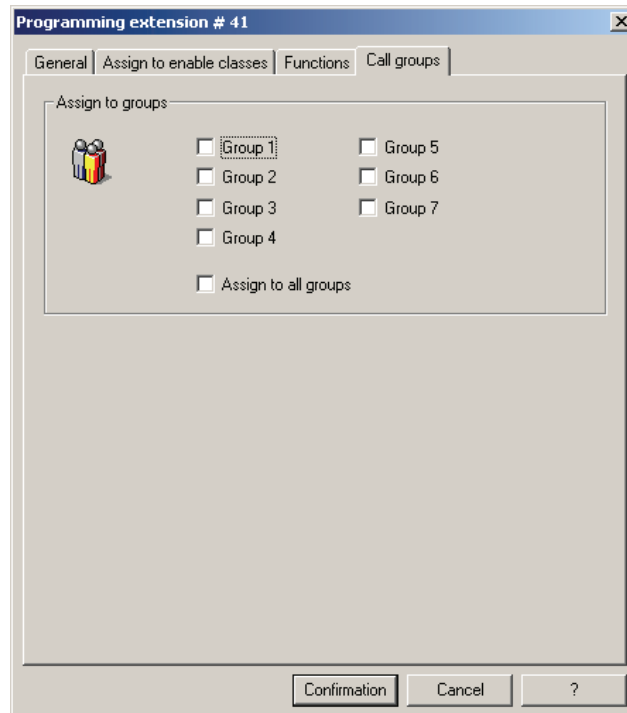
Diversion number: **None**

Divert time

Diversion number: **None**

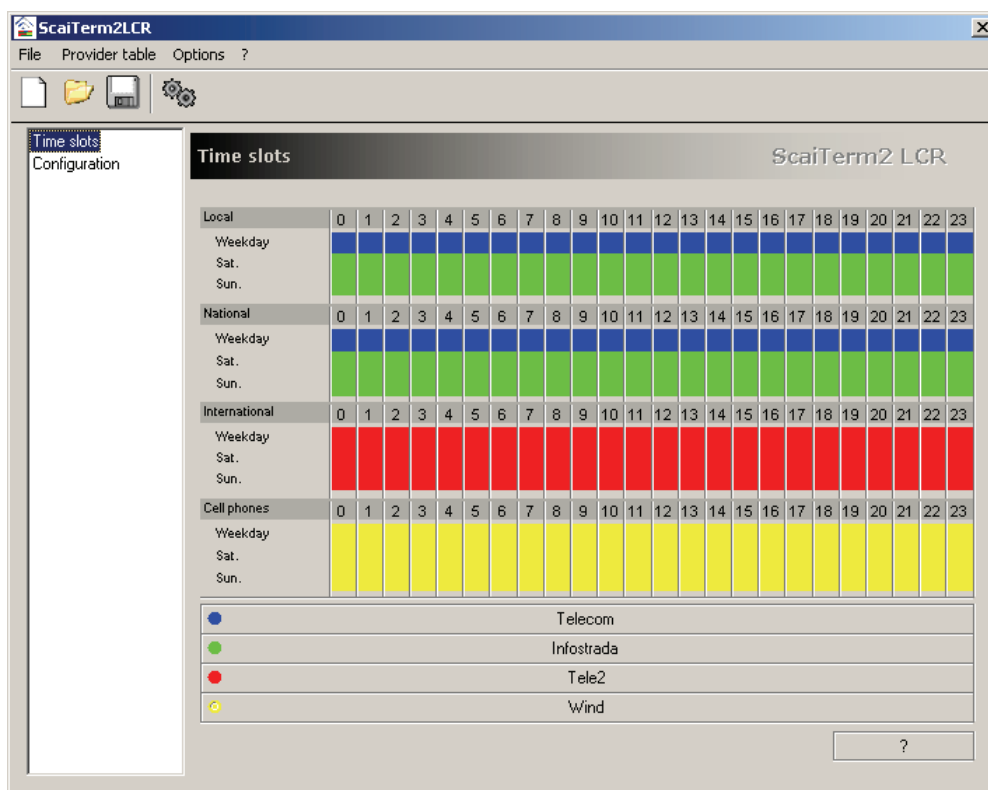
Confirmation Cancel ?

- in 'Call groups' folder it is possible to associate an extension to a given group, in order to answer not only its number, but also the extension number.

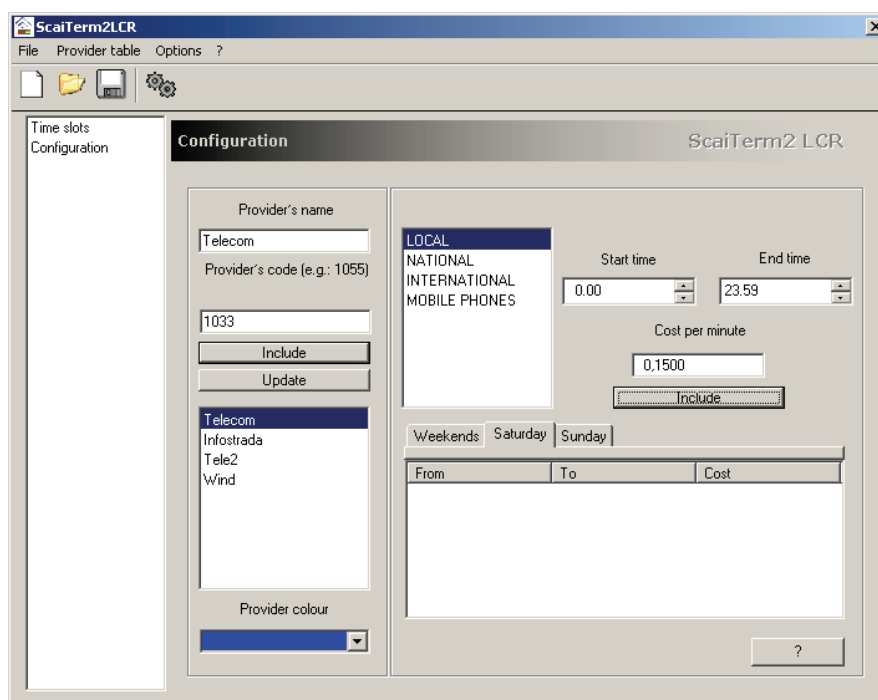


6 LCR (LEAST COST ROUTING) APPLICATION SOFTWARE

In the software package provided with the PABX, besides ScaiTerm2Net application, there is also ScaiTerm2LCR application, that allows to make a table with telephone carriers prices, for different call types. Then this table is processed by the application that generates a file used by the PABX to apply Least Cost Routing algorithm, that allows to choose, according to current time, which is the cheapest telephone carrier for the call you want to make.



The main program screen is shown in the figure; in this example, the file associates the provider Telecom to local and national calls in working days; the provider Infostrada to the calls made on Saturday and Sunday; the provider Tele2 to international calls and the provider Wind to cellular phone calls. Each provider is identified by a colour, a name and a number code, as shown in its **Configuration** folder.



As regards telephone fees, for each provider, in **Configuration** folder it is possible to set the fee time bands with respective costs.

It is possible to save the application configuration file in .lcc format.

Data concerning telephone fees must be entered by the user; it is suggested to check the validity monthly and keep rates up to date, if necessary.

When you have set all provider fees, it is possible to consider the cheapest providers for all week by clicking on the icon with the sack or on **Provider Table/Calculate table** menu. The screen will be coloured by the colours of the best providers in each time band.

Now it is necessary to save, in **Provider Table/Save table for PABX** menu the file with information for PABX. This file will be in .lcr format and must be loaded in the PABX with the download procedure described above.

NOTE: CARRIER PRE- SELECTION AND NOT MANAGED TIME BANDS

In the time bands where is not specified a particular carrier, the PABX dials the numbers without using a dialling code.

This happens also if there is a carrier pre-selection, therefore it is not necessary the use of a dialling code (ex. 10XX).

So, when using LCR and a carrier pre-selection, it is not necessary to assign any carrier to the interested time bands, so that any dialling code is not dialled.

EXAMPLE:

Let us suppose to have two carriers, one of them in pre-selection mode (the dialling of 10XX code is not requested), and the other that needs the dialling code (for example 10YY).

Consequently in LCR it will be necessary to add the selection time bands for the carrier 10YY only, the other bands will be automatically managed by the pre-selection.

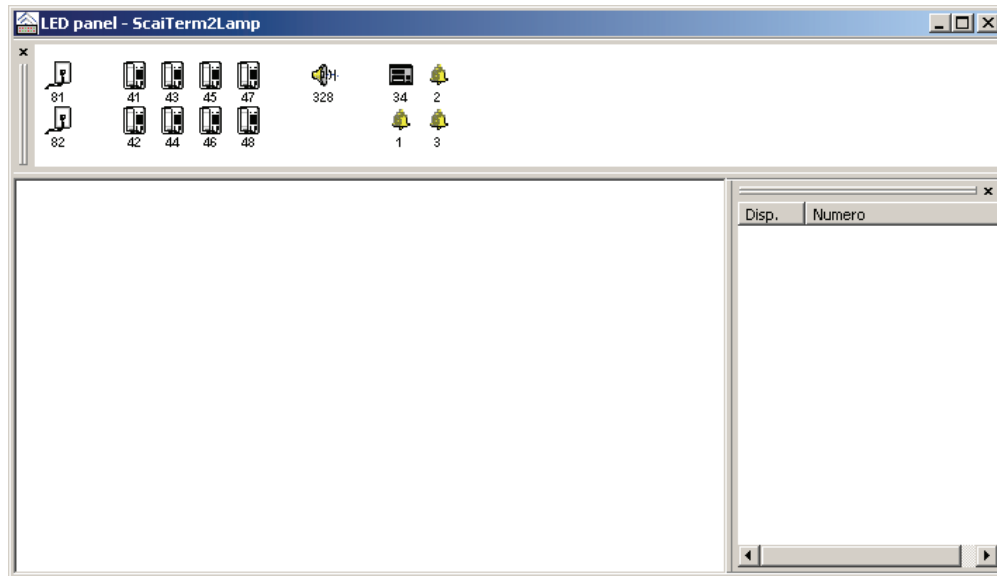
NOTE: *When using "Domus Cell" device to send all calls to cellular phones on a particular line, it is necessary to configure this line as private and engage it directly with its code (8x) or with 80 (first free private line), if you want to call a cellular phone.*

7 LED PANEL APPLICATION

The PABX software package includes also ScaiTerm2Lamp application, that allows to monitor the lamp field and PABX active communications status.

The figure shows a sample screen of this application:

- In the upper toolbar there are all the devices present in the PABX; from left to right you can see the outside lines, the extensions, the external amplifier and the door entryphone. The devices in communication state are red highlighted.
- In the big window are displayed all the communications in progress and the duration for each one.
- In the right panel, if available, is displayed the caller ID in communication with the extension.



This application expands Director2 telephones signalling features and allows to observe constantly the traffic on the PABX and the telephone lines status.

8 LOG MANAGEMENT

In PABX **Log management** window it is possible to display, to screen in different ways and to print the telephone traffic log made on the PABX or previously saved in a file.

In the first window panel it is possible to read from a file or PABX a traffic log, by choosing incoming/outgoing/no reply calls or calls of a single extension, in order to print it directly with the printer connected to the PC or to save it in a text file.

In the second panel, starting from the loaded log, it is possible to screen calls according to some fields:

- Line
- Extension
- Call type (incoming, outgoing, no reply)
- Number (also with some digits only)
- Call date and hour
- Call duration
- Cost and time band (when the fee is set)

In the last panel it is possible to erase the calls on the PABX log; you can choose if you want to erase the incoming/outgoing/no reply calls only or the calls of a single extension.

Local line	Exten...	Type	Number	Date	Time	Time	Cost
81	51	E		04/01/2006	13:07:37	00:01:28
82	51	E		04/01/2006	13:07:15	00:01:55
82	41	E		04/01/2006	13:13:26	00:00:38
83	41	E		04/01/2006	13:12:23	00:02:18
82	41	E		04/01/2006	13:14:18	00:00:43
82	51	E		04/01/2006	15:24:04	00:00:46
81	43	U	5632145222222	04/01/2006	15:25:48	00:00:58
82	52	E		04/01/2006	15:27:20	00:00:50
83	52	E		04/01/2006	15:27:20	00:01:01

9 CALCULATE FEES

Scaiterm2Net program **Calculate Fees** window allows to set the telephone fees of the carriers used in the PABX, in order to calculate calls costs.

NOTE: For costs calculation are not considered the first ten seconds from the last entered digit, because it is not possible to identify exactly the charging start and end.

NOTE2: To enter the fees it is necessary to set your own area code in **PABX\General** window.

To enter the fees it is necessary to proceed in 4 steps, from left to right inside the window:

1. Enter the Provider name (for ex: Telecom) and its code (for ex: 1033)
2. Choose the desired fee between the present (Local and International) or create a new one, giving it a name (for ex: International) and click on 'Add'.
3. Set the dialling codes you want to add in the fee (for ex: 00 for international calls) and codes you want to exclude, if present (by clicking on 'Exclude' button the number will turn red); for local calls the dialling code is the code of your district, are considered international calls all the numbers beginning with 0, except local and international calls (00 and local are actually red). By clicking on 'Known dialling codes' will be displayed the state list, to which is assigned the dialling code.
4. Set time bands and costs concerning the fee you are adding, by entering for each price band its start and end time, setup cost (connection charge) and the cost in eurocent per minute; after price band entering, click on 'Add'. By right clicking with the mouse on the white space in the 'time bands' column it is possible to copy the entered fee and paste it on another day or apply it to all week days, holidays or working days. The time bands not included in the configuration will not be considered in cost calculation.

Log and fee calculation management

Log management Calculate fees

Local prefix: 011

Provider

Name: Infostrada

Prefix: 1005

Include

Update

Infostrada

Prefix table

Name: National

Include

Prefixes

Numbers

Exclude

Known prefixes

0

00

Local

Barred numbers or prefixes in red

Time slots

Start time: 0.00

End time: 23.59

Reply cost: Eurocents 0015.00

Cost per minute: Eurocents 0010.00

Include

	Fri.	Sat.	Sun.	
	Mon.	Tue.	Wed.	Thu.
From	00:00	23:59	15:00	10:00
To				
Upon reply				
Per minute				

Confirmation Cancel ?

After data entering it is possible to save the fee configurations in a file with .trf extension and accept entering with 'Accept' button.

In this way in printed log and in continuous printing will appear the columns concerning the call cost and rated call type (for ex: Telecom International).

It is also possible, by right clicking with the mouse on the white space in the 'Provider' column, to export or import the whole configuration of a provider in .csv format.

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