

TISECURITY user manual

Software for the configuration of the
3500/3500N and the 3500 GSM Burglar alarm units



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1. Hardware and Software requirements

Hardware requirements

- Personal Computer with Pentium processor >400 MHz
- 128 MB RAM
- SVGA graphics card with resolution 800x600
- CD-ROM unit
- Mouse

Software requirements

- Windows 98 or higher Internet Explorer 5.5 or higher.

Space used on hard-disk

- 8 Mbyte.



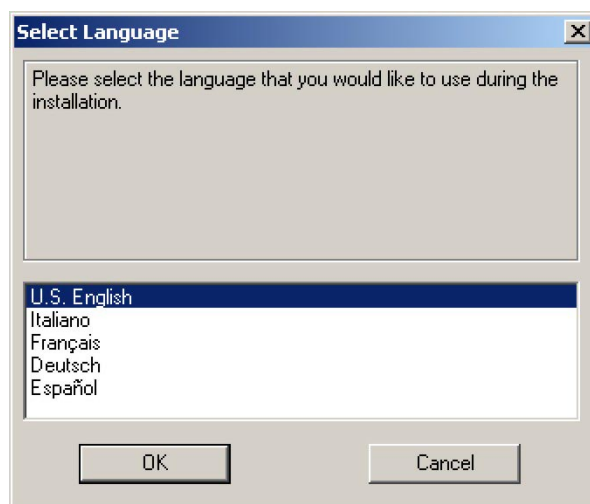
Please note: The TiSecurity program is the essential tool for the configuration of the 3500/3500N and 3500 GSM Burglar alarm Unit.

The content of this program is under the exclusive rights of Bticino SpA.

2. Installation

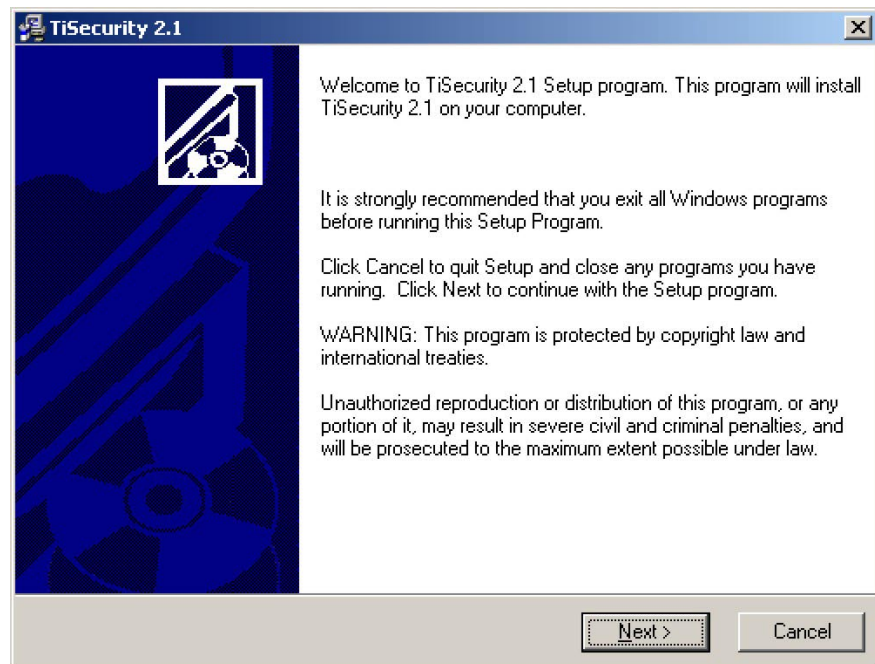
Follow this procedure to install the TiSecurity program:

1. Insert the CD-ROM in the drive;
2. After displaying the main page in the web format, select "Install TiSecurity";
3. The installation program will now copy the system files necessary for the execution of the TiSecurity program. The following screens will be displayed after confirming the operations on each occasion.



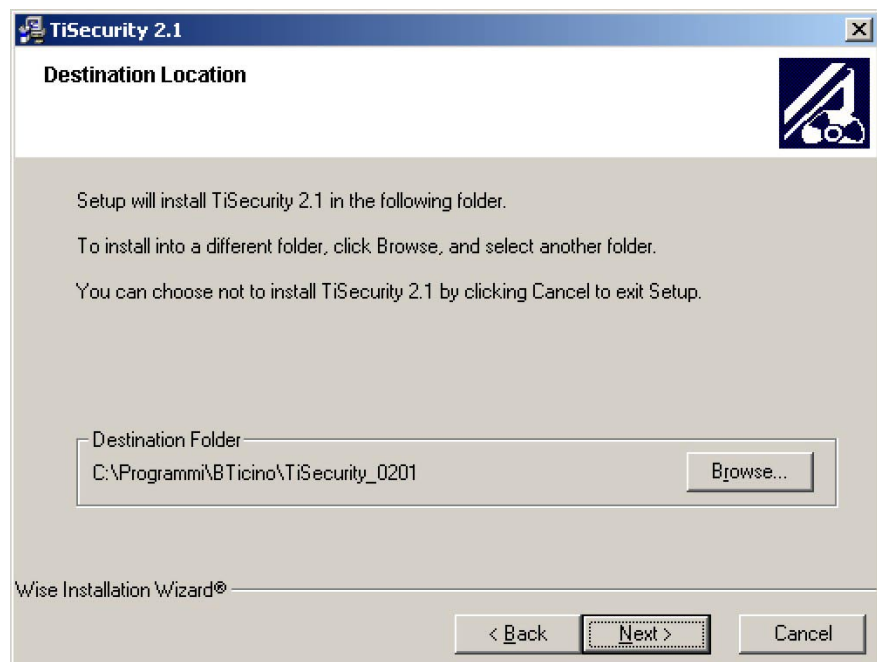
- > Select the installation kit language
- > Click the **Ok** button

The following screen will appear



> Click the **Next** button

The following screen will appear

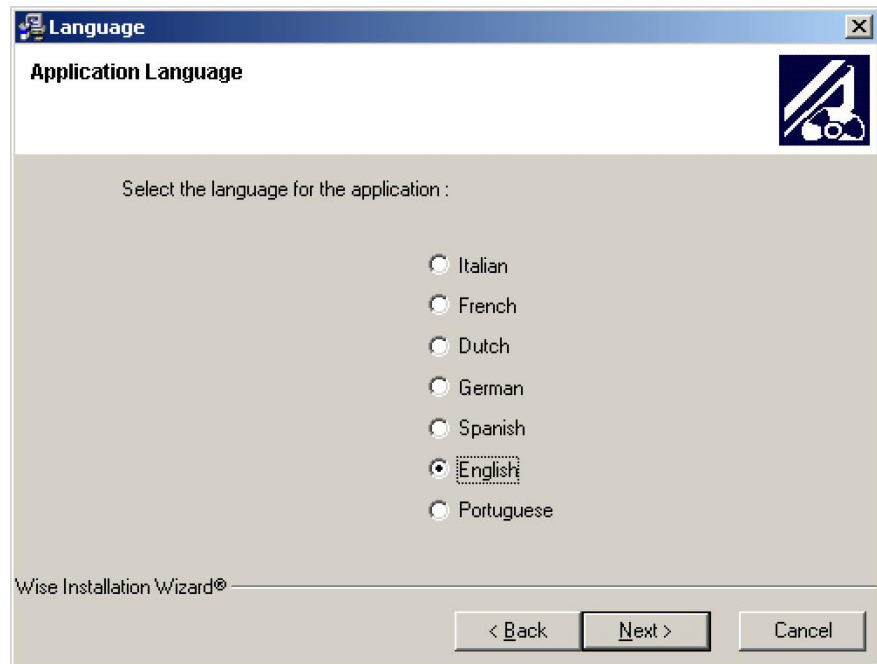


> Click **Next** to install the program in the default directory
"c:\Programmi\Bticino\TiSecurity_0201"

Or

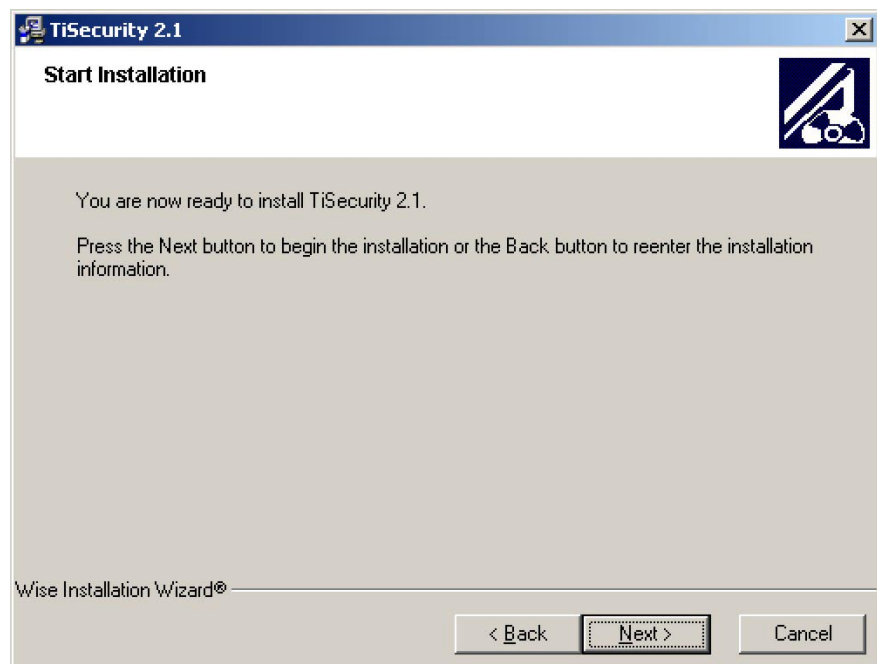
> Click **Browse** to select the required path

The following screen will appear



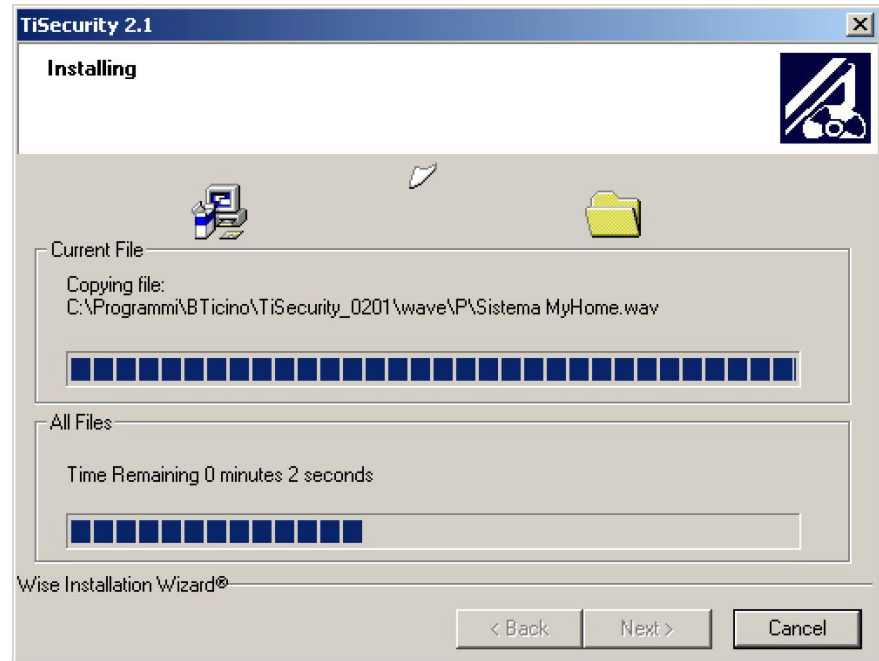
- > Select the TiSecurity interface language
- > Click the **Next** button

The following screen will appear

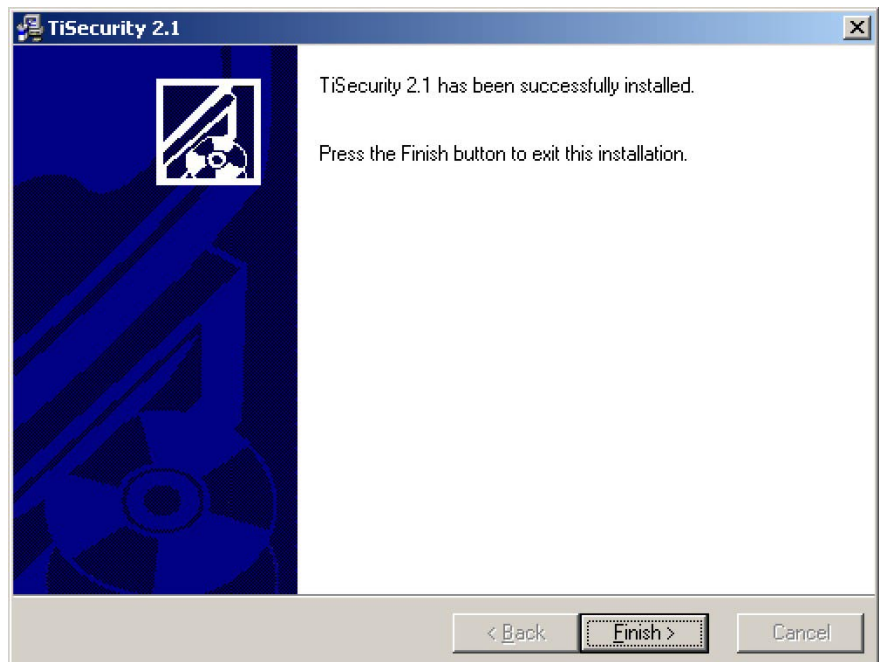


- > Click **Next** if you are ready to install TiSecurity
- Or
- > Click **Back** to return to the previous screen

The installation of the program will now begin.



Depending on the operating system setup in use, it may be necessary to restart the system.



> Click **Finish** to end the process

3. Basic concepts

The TiSecurity software is used for the configuration of the 3500/3500N and the 3500 GSM Burglar alarm Units which combine the burglar alarm and telephone dialing device into one device. The first step is to select, through the first screen, the type of project, in other words whether the Unit uses a dialing device on the PSTN line (item 3500/3500N) or a dialing device on the PSTN and GSM line (item 3500 GSM).

After opening the program, the following screen will appear:



Please note: For proper functioning of the software, the 3500 Burglar Alarm must be installed according to the indications specified in the instructions sheet supplied with the device.

- > Select the type of project
- > Click the **Ok** button

This manual will show you how to perform the configuration of a Unit item 3500/3500N; the configuration functions of a 3500GSM Unit are the same except for those described in chapter 10 “*Specific configurations for the 3500 GSM Unit*”.

Depending on the technician and user’s needs, it is possible to begin with a new configuration or change an existing configuration. In this manual the various screens will refer to the second mode.

Creating a new configuration:

- Start TiSecurity
- Execute and save the configuration
- Send data to the Unit

Modifying an existing configuration:

- Execute the auto-learning function from the Unit
- Receive data from the Unit
- Edit, if required
- Send data to the Unit

However, in order to perform a proper configuration, it is necessary to execute the Unit auto-learning function before connecting the PC to the unit. Furthermore, with TiSecurity, it is possible to update the permanent software of the unit (“firmware update”) through new revision procedures distributed by Bticino.

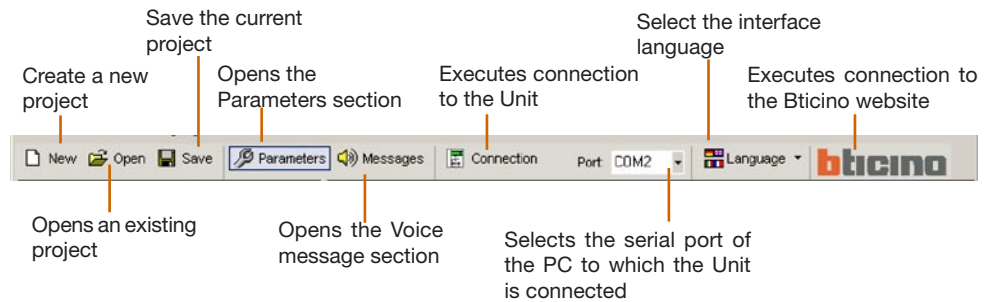
3.1 Menus and general buttons for selecting functions

The main functions that can be executed with TiSecurity can be selected by using the icons in the toolbar or by opening drop-down menus, thus selecting the various options. Many functions can be selected both from the toolbar and from the drop-down menus; furthermore, for some functions, it is possible to use hot keys.

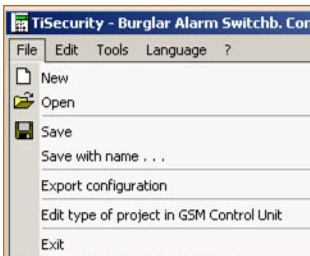
For instance:

to create a new project, it is possible to select **New** from the **File** drop-down menu, from the toolbar and from the keyboard by using the keys Ctrl +N.

The followings functions are included in the toolbar:



The followings functions are included in the drop-down menus:



“File” menu

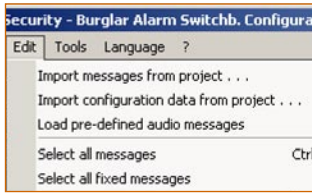
- *New* creates a new project
- *Open* opens an existing project
- *Save* Saves the current project
- *Save as (with name)* saves the project after requesting a file name
- *Export configuration* exports the project thus creating a file with extension .csv which can be imported into Microsoft Excel® by following the procedure described in chapter 11
- *Edit type of project* allows you to switch from a project for 3500 / 3500N units to a project for 3500GSM units and vice versa without restarting the program; the work area changes according to the choice made (see tables)*. The parameters of the project opened will automatically be updated
- *Exit* exits the program

*** Switching from 3500/3500N to 3500GSM**

	3500/3500N	3500GSM
Enabled for outgoing calls	Any value	GSM OFF
Channel priority in outgoing calls	None	GSM channel priority
GSM Management	None	PIN GSM = 0000

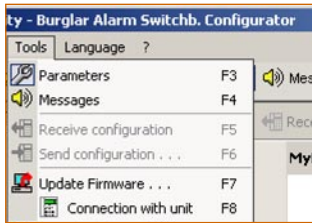
*** Switching from 3500GSM to 3500/3500N**

	3500GSM	3500/3500N
Enabled for outgoing calls	Any value	YES
Channel priority in outgoing calls	Any value	Field is eliminated
GSM Management	Any value	Field is eliminated



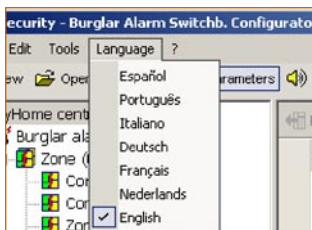
“Edit” menu

- *Import messages from project* imports all voice messages from an existing project
- *Import configuration data from project* imports all configuration data from an existing project
- *Load pre-defined audio messages* retrieves voice messages set up for the Unit
- *Select all messages* selects all messages of the project
- *Select all fixed messages* selects all fixed messages of the project



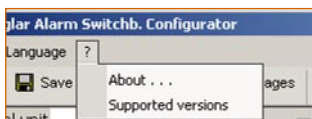
“Tools” menu

- *Parameters* opens the Parameters section
- *Messages* opens the Messages section
- *Receive configuration* receives the configuration from the Unit, it is active only when connecting to the Unit
- *Send configuration* sends the configuration to the Unit, it is active only when connecting to the Unit
- *Update Firmware* starts the Unit firmware update procedure
- *Connection to Unit* executes connection to the Unit



“Language” menu

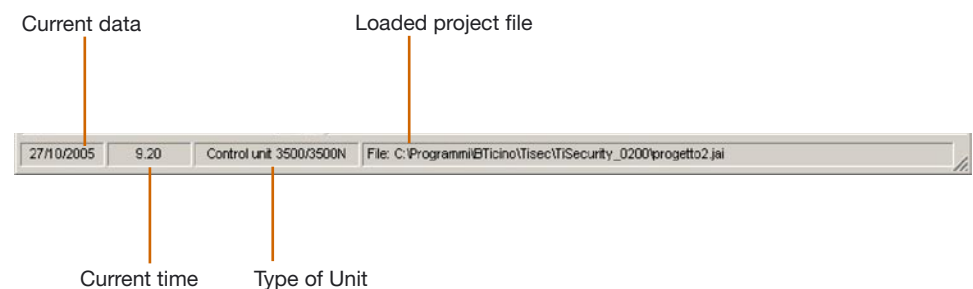
- Select the TiSecurity interface language



“?” menu

- *About...* displays information on the TiSecurity program
- *Supported versions* displays information on TiSecurity, hardware and software versions of the Unit

The status bar will contain the following information:



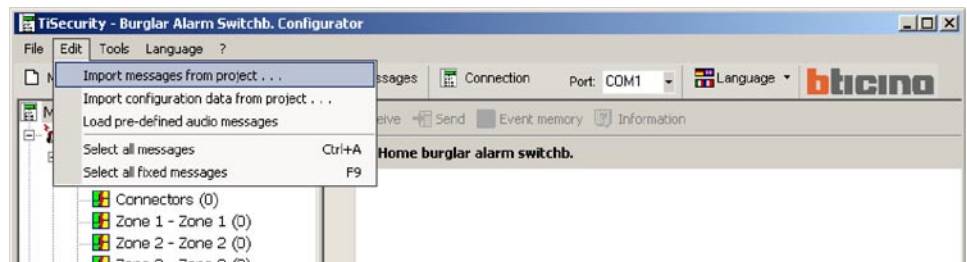
4. Importing data from an existing project

It is possible to import data (configuration parameters and voice messages) from a previously saved external project file.

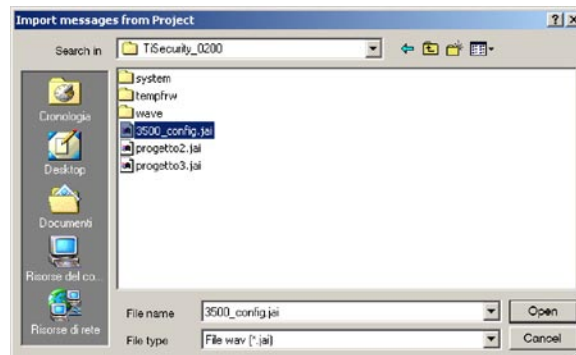
4.1 Importing voice messages

This function allows you to import voice messages from a previously saved project.

- > Select **Import messages from project** from the **Edit** menu



The following screen will appear

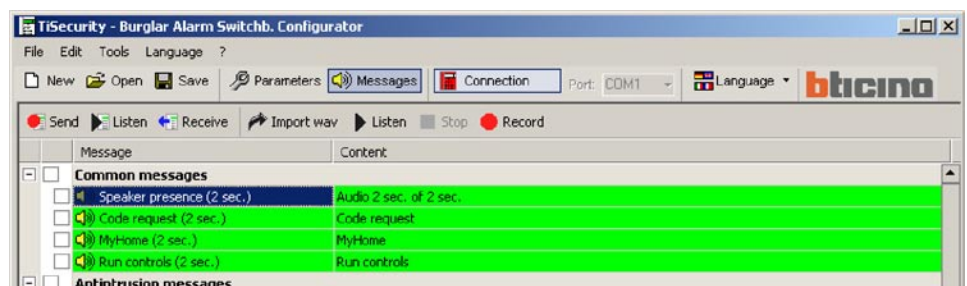


! Please note: it is recommended to save the current configuration file of before starting the procedure.

- > Select the project file (.jai) from where you want to import the messages
- > Click the **Open** button



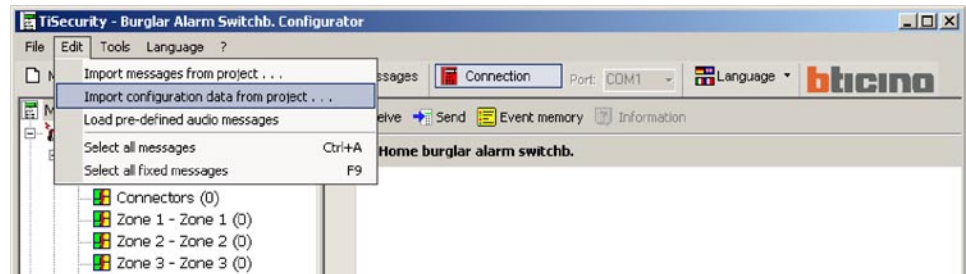
When the procedure has been completed, the imported messages will appear



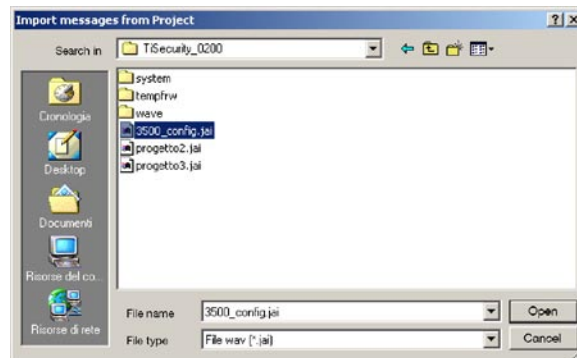
4.2 Importing configuration data

This function allows you to import configuration parameters from a previously saved project.

- > Select **Import configuration data from project** from the **Edit** menu

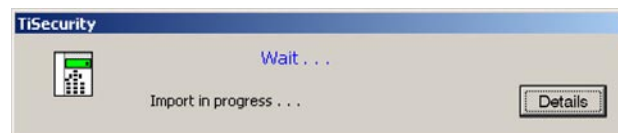


The following screen will appear

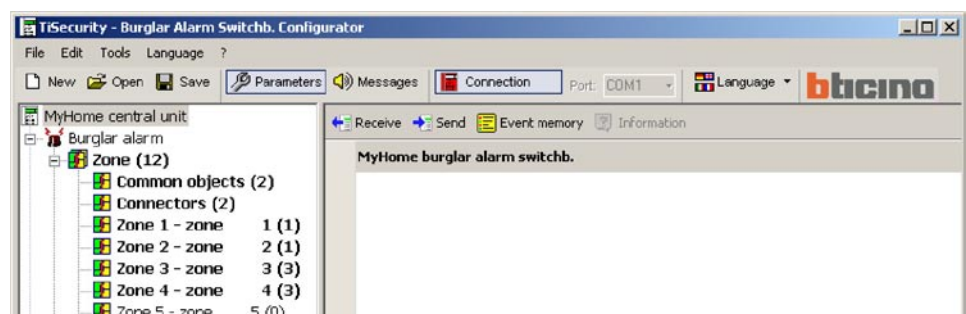


! Please note: it is recommend to save the current configuration file of before starting the procedure.

- > Select the project file (. jai) from where you want to import the configuration
- > Click the **Open** button



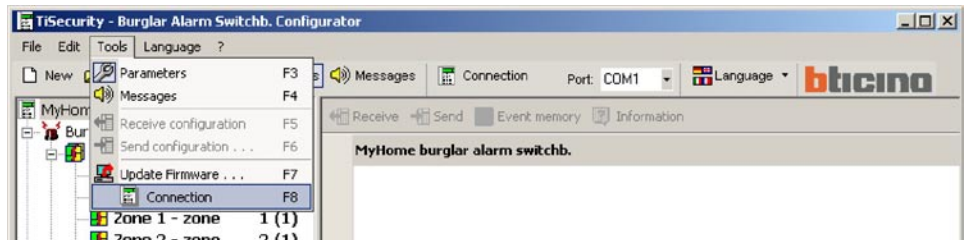
When the procedure has been completed, the new configuration will appear



5. Connecting to the Unit

To access some functions (e.g. Receive configuration, Send messages, etc.) there must be a connection between the PC where “TiSecurity” is installed and the Unit. This connection can be achieved through the **Connection to Unit** function.

- > From the **Port** drop-down menu, select the serial port address of the PC you want to connect the Unit to (COM1, COM2, etc.).
- > Select **Connection to Unit** from the **Tools** menu

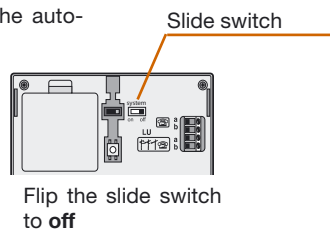
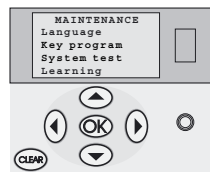


The following message will appear

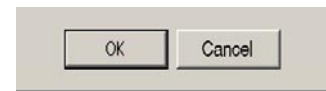


- > Execute the required operations and then click **OK**

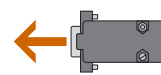
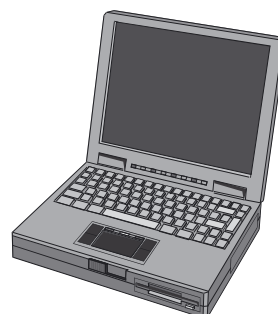
Select the maintenance menu of the Unit and start the auto-learning function



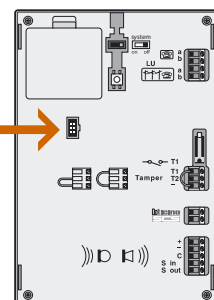
Click the **OK** button

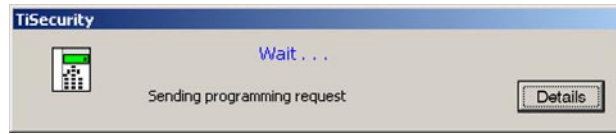


Connect the programming cable to a serial port of the PC and to the 6-way connector of the Unit



**Programming cable
Item 335919**

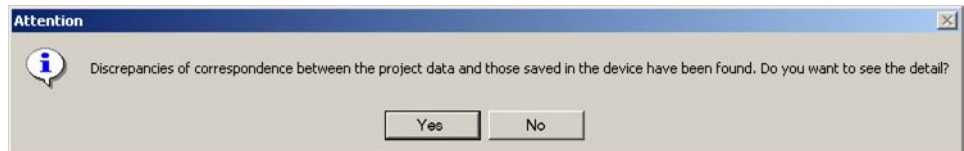




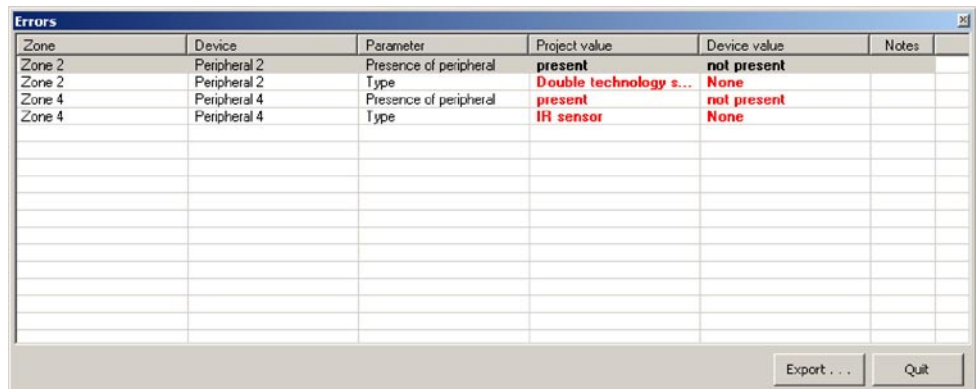
At this stage, by clicking the **Details** button, it is possible to display the list of communication activities between the personal computer and the unit.



When connecting to the Unit, a comparison will be made between the configuration of the Unit which, through the auto-learning function previously carried out reflects the real system, and the configuration of the current project.
If the configurations are different, the following warning message it will appear:

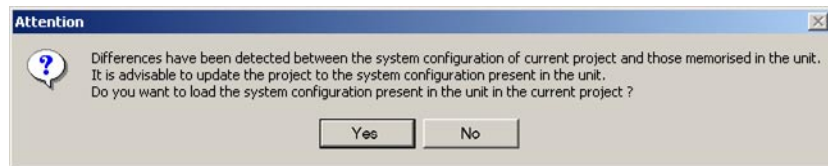


> Click **Yes** to display the details of the differences found



The data can be exported into a file with extension .csv, which can be imported in Microsoft Excel by following the procedure described in chapter 11.

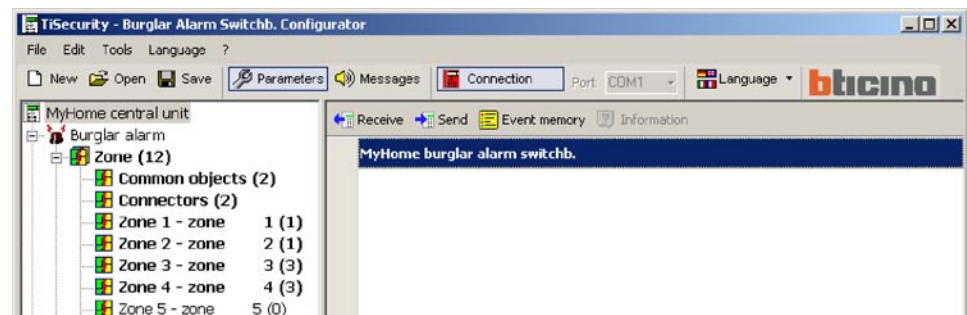
- > The following message will appear if click QUIT



- > Click **YES** to load the configuration of the system in the Unit
- > Click **NO** to keep the current project unchanged

However, there will be a connection to the Unit.

At the end of the procedure the **Connection** button will change into **Disconnection**.



It is now possible to swap data with the Unit,

Click **Disconnection** to stop connection.

The following message will appear



- > Disconnect the programming cable connector from the Unit
- > Click the **OK** button

6. Exchanging data with the Unit

When the connection to the Unit has been activated, it will be possible to:

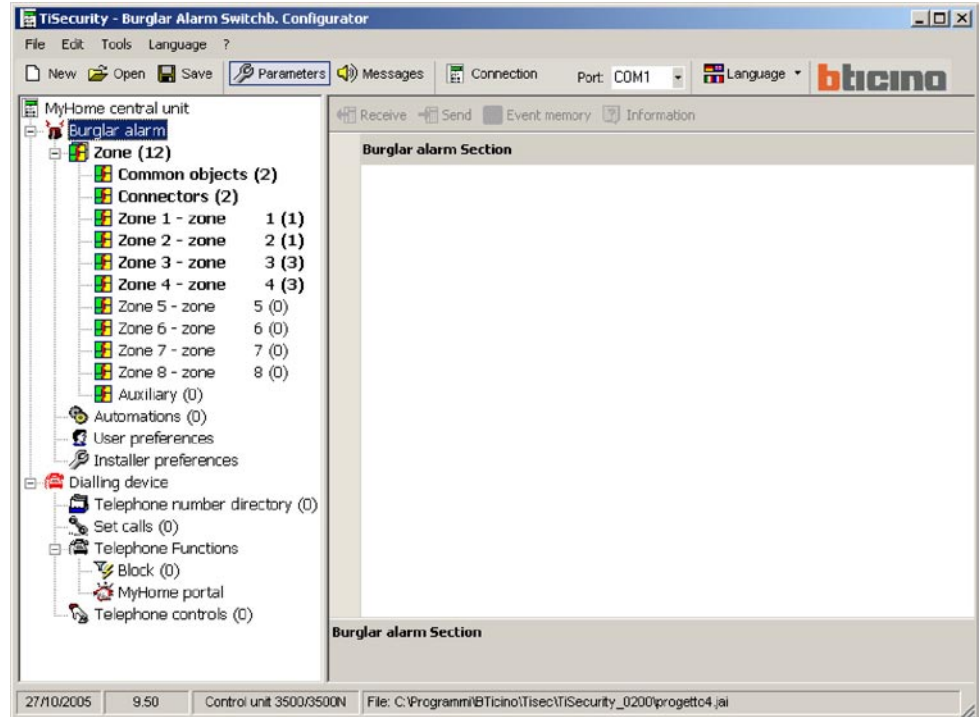
- Send/receive configuration parameters
- Send/receive voice messages
- Receive the history of events from the unit

Refer to paragraphs “*Exchanging configuration parameters with the Unit*” and “*Exchanging voice messages with the Unit*” to carry out these functions.

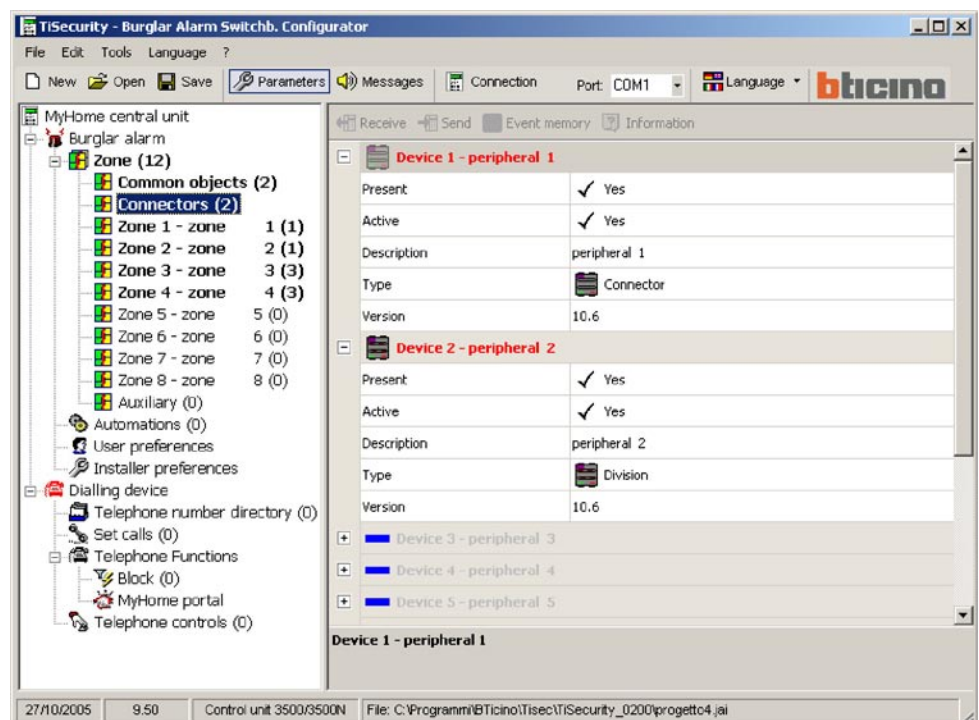
7. Parameters

In this section it is possible to execute the Unit parameters configurations.

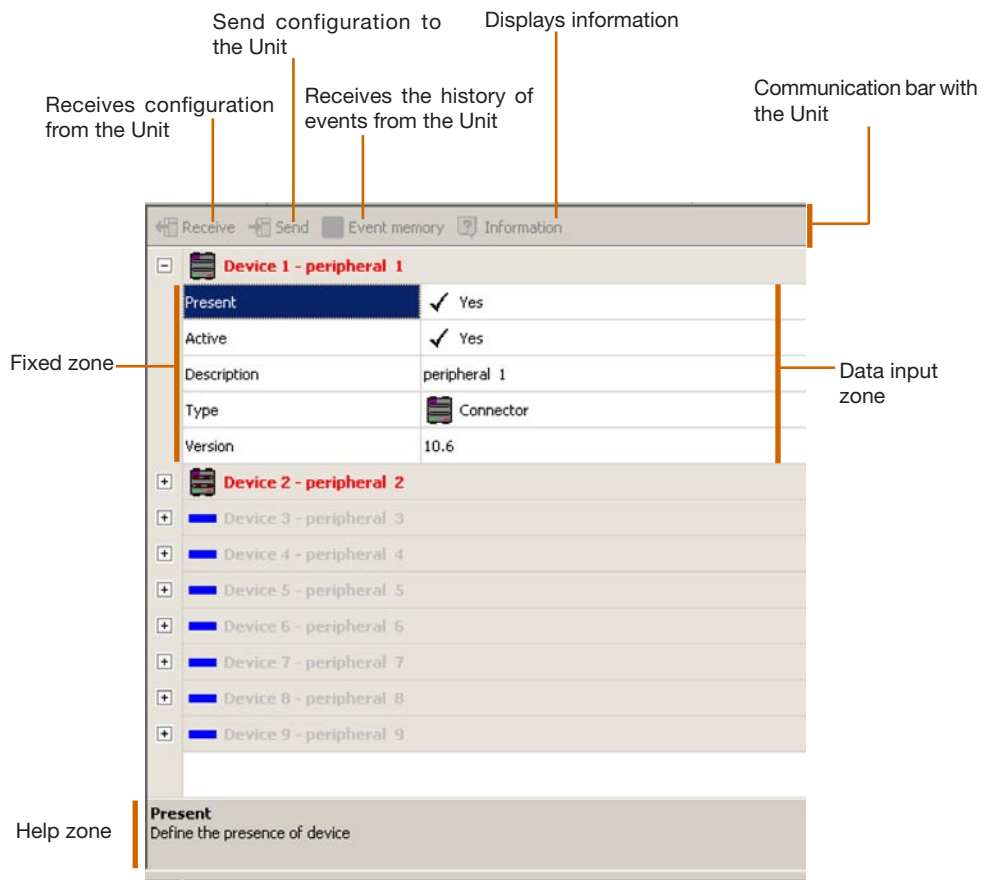
7.1 Work area



The screen referred to the Parameters section displays all typical parameters for the configuration of the Unit, represented hierarchically with a tree structure on the left side. On the right side, a specific template for inputting data and for communicating with the Unit can be displayed by selecting each element of the hierarchic structure.



Data input template



This template includes a top bar where the icons will be highlighted only during the connection with the Unit, a bottom zone where information will be displayed to help the user input the data and a central part split into two columns, in which the right column is used for inputting data.

The data input procedure will differ depending on the type of data to enter.

7.1.1 - Data input procedure



Inputting by typing in data:

- > Click the data input zone
- > The text, if any, will be edited (e.g. Input)
- > Type in new data




Inputting data with the drop-down menu:

- > Click the data input zone; the button will appear
- > A drop-down menu will appear after clicking the button
- > Select any data available




Inputting data with the sliding menu:

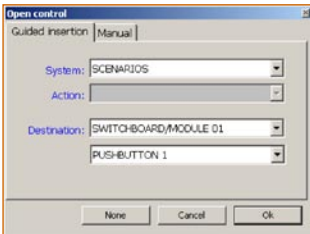


- > Click the data input zone; the  button will appear
- > Use the button to move through the available data

Inputting with an independent window:



- > Click the data input zone; the  button will appear
- > An independent window will appear after clicking the button



- > Enter the required data
- > Click **OK** to close the window

7.2 Exchanging configuration parameters with the Unit

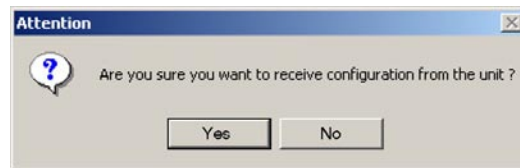
7.2.1 - Receiving configuration parameters


This function allows you to receive the configuration parameters from the Unit.

- > Execute the *Connection to Unit* procedure
- > Click **Receive** from the communication bar



The following screen will appear



 **Please note:** it is recommend to save the current configuration file of before starting the procedure.

- > Click the **Yes** button



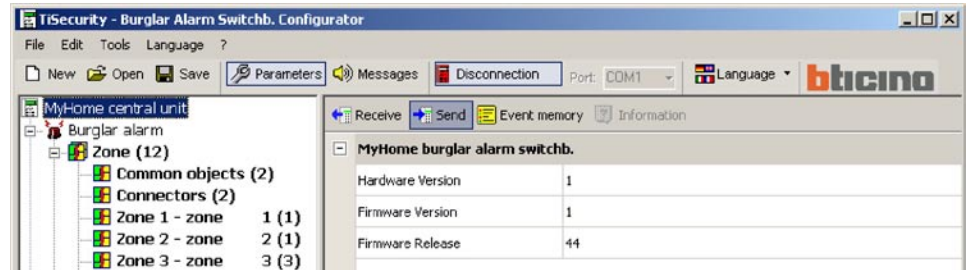
When the procedure has been completed, the Unit configuration parameters will be available in the Parameters section for future verifications/changes, if required.

If it is necessary to change the Unit parameters, execute the procedure *Sending configuration parameters* to activate them.

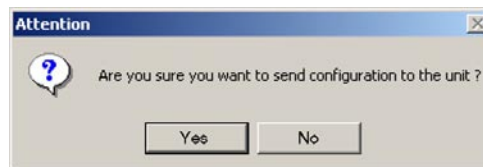
7.2.2 - Sending configuration parameters

This function allows you to send the configuration parameters to the Unit.

- > Execute the *Connection to Unit* procedure
- > Click **Send** from the communication bar



The following screen will appear

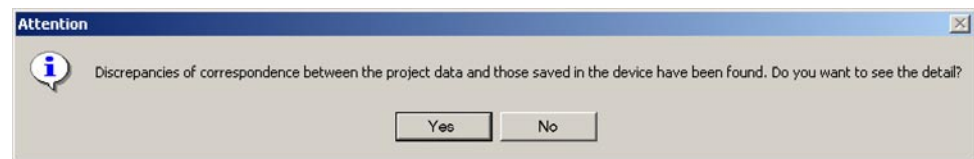


- > Click the **Yes** button



When sending the parameters, a comparison will be made between the configuration of the Unit and the configuration of the current project.

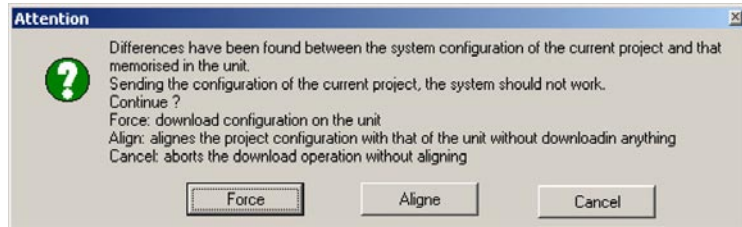
If the configurations are different, the following warning message it will appear:



By clicking **Yes**, it will be possible to display the discrepancies found.

Zone	Device	Parameter	Project value	Device value	Notes
Common objects	Inlemal siren 1	Presence of peripheral	not present	present	
Common objects		Zone presence	not present	present	
Common objects	External siren 1	Presence of peripheral	not present	present	
Connectors		Zone presence	not present	present	
Connectors	Peripheral 1	Presence of peripheral	not present	present	
Connectors	Peripheral 2	Presence of peripheral	not present	present	
Zone 1		Zone presence	not present	present	
Zone 1	Peripheral 1	Presence of peripheral	not present	present	
Zone 2		Zone presence	not present	present	
Zone 2	Peripheral 1	Presence of peripheral	not present	present	
Zone 3		Zone presence	not present	present	
Zone 3	Peripheral 1	Presence of peripheral	not present	present	
Zone 3	Peripheral 2	Presence of peripheral	not present	present	
Zone 3	Peripheral 3	Presence of peripheral	not present	present	
Zone 4		Zone presence	not present	present	
Zone 4	Peripheral 1	Presence of peripheral	not present	present	
Zone 4	Peripheral 2	Presence of peripheral	not present	present	

If you click **No** when the warning message appears or **Quit** in the error window, the following message will appear:



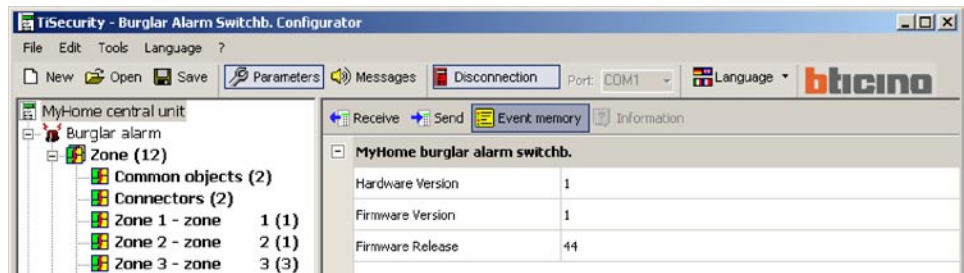
- > Click the **Force** button to send the parameters of the current project to the Unit and then change its parameters.
- > Click the **Align** button to change the parameters of the current project, thereby aligning them with the Unit.

In the first case, when the procedure has been completed, the parameters will be enabled in the Unit configuration.

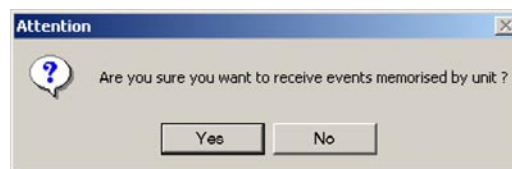
7.2.3 - Receiving the history of events

This function allows you to receive the history of events, in other words the events of the burglar alarm system recorded in the Unit.

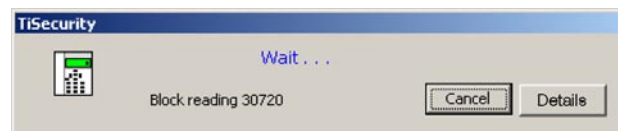
- > Execute the *Connection to Unit* procedure
- > Click **Event memory** from the communication bar



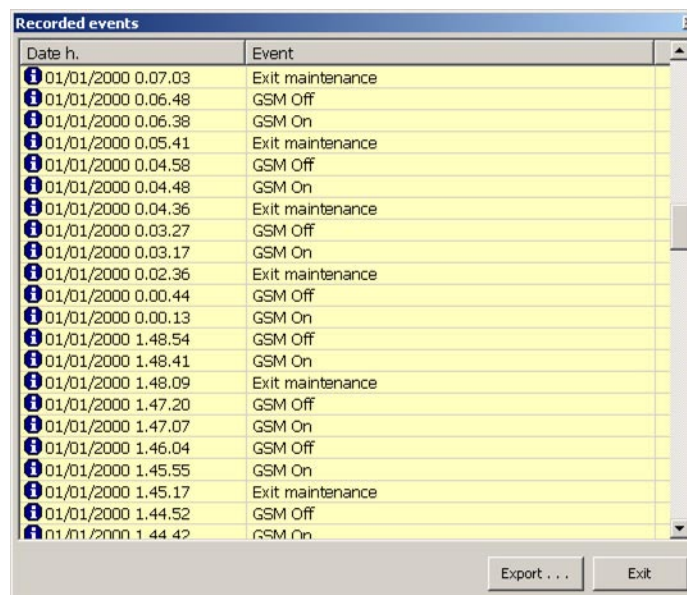
The following screen will appear



- > Click the **Yes** button

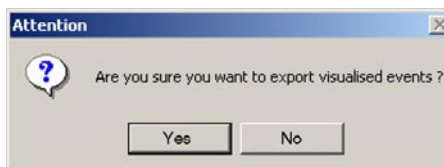


When the procedure has been completed, you will see a window showing the list of events recorded by the Unit in the history of events.



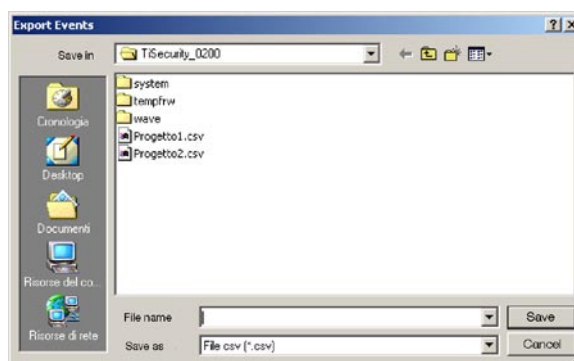
- > Click the **Export** button to export the event memory into a file

The following message will appear:



> Click the **Yes** button

The following screen will appear:



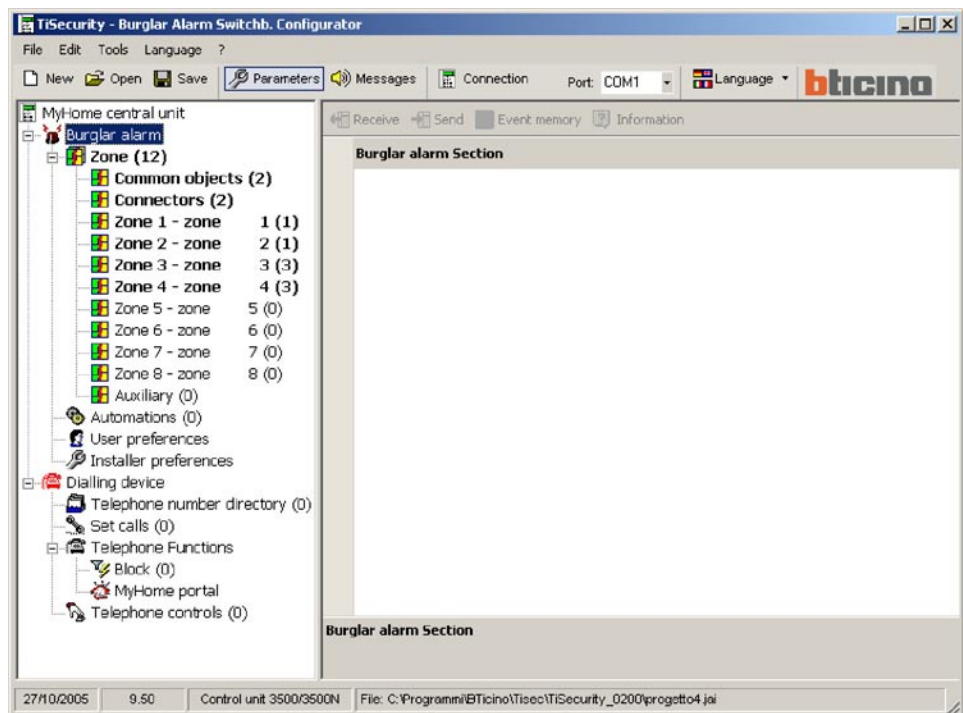
> Name the file in which the event memory will be stored
> Click the **Save** button

7.3 Configuration of the Burglar alarm section

In this section it is possible to set up the part of the Unit related to the burglar alarm system.

The options are as follows:

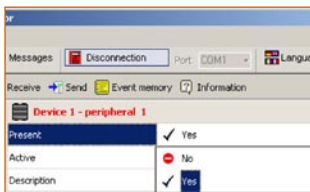
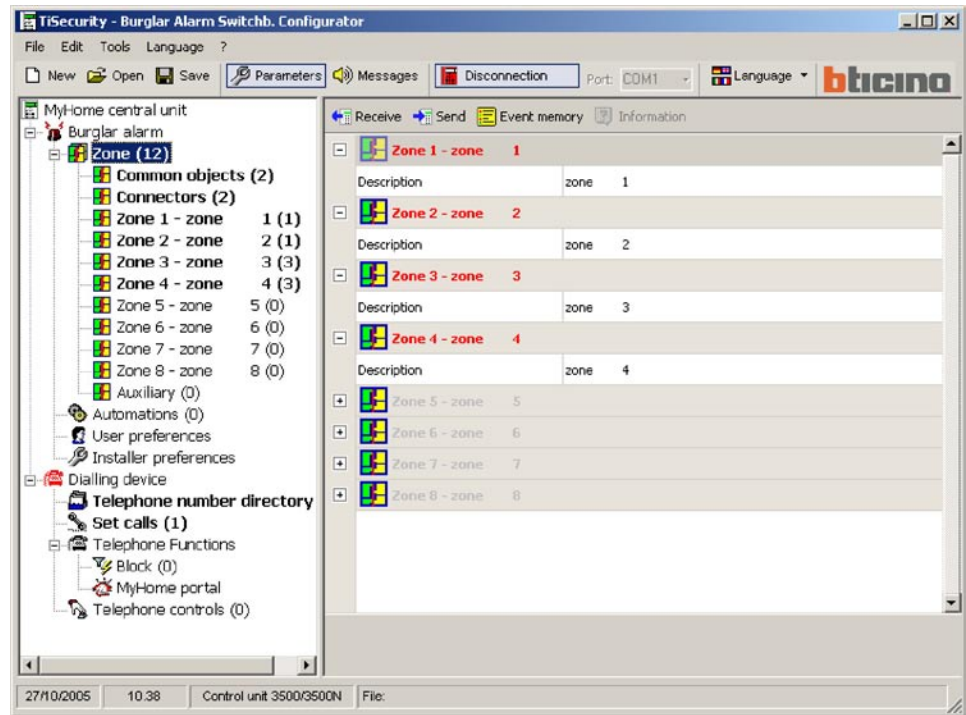
- Zones
- Automations
- User Preferences
- Installer preferences



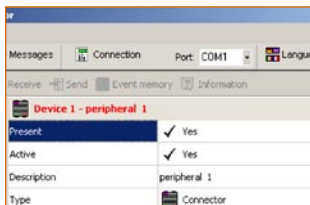
The tree structure will show the configured components with their number in brackets.

7.3.1 - Zones

This screen shows the list of zones in which the burglar alarm system is divided. For each zone it is possible to enter a reference name which identifies the zone. Entering the description of a zone is possible only after the configuration of at least one device belonging to this zone.



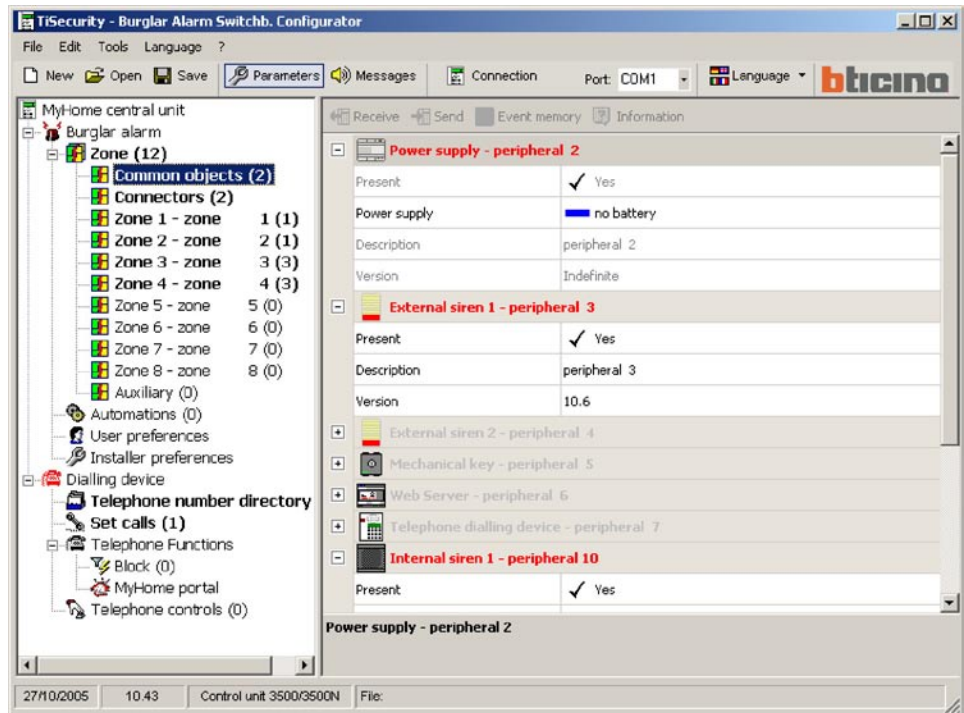
The following paragraphs will describe how to set up devices in different zones; to perform these configurations, the device must be present.



The present devices will be displayed in red.

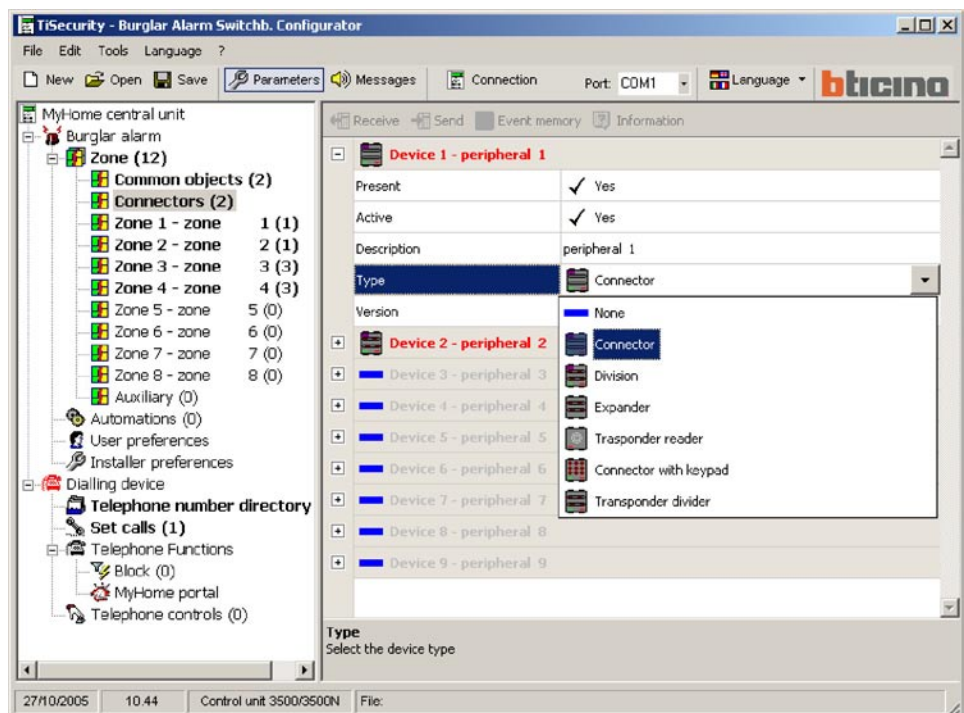
Common objects

This screen displays the devices which are common to the whole unit. It is possible to indicate the presence of the device and to enter a description.



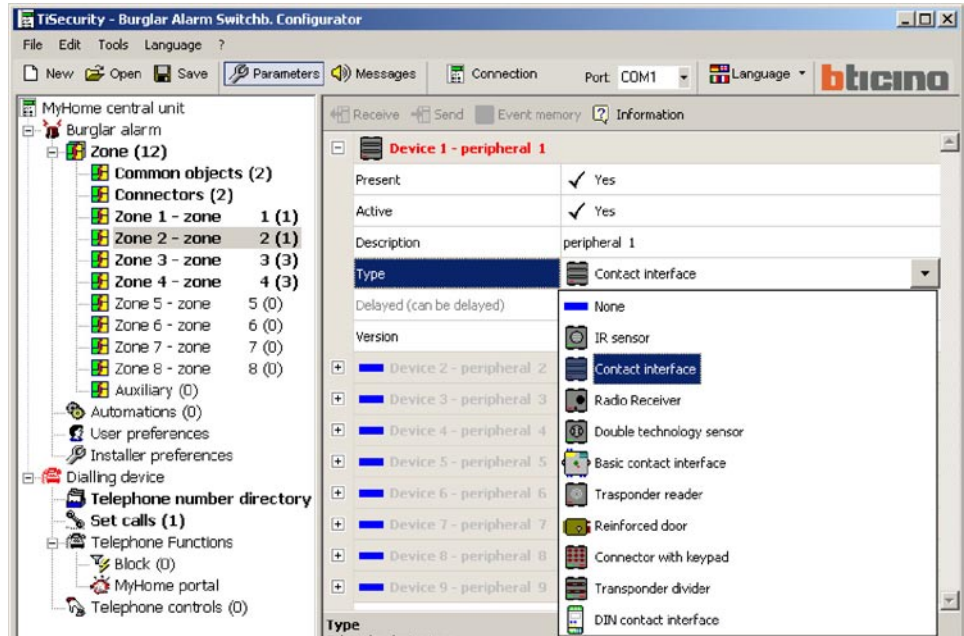
Connectors

This screen displays the connectors included in the burglar alarm system. It is possible to signal the presence, activate, enter a description and select a type of device.

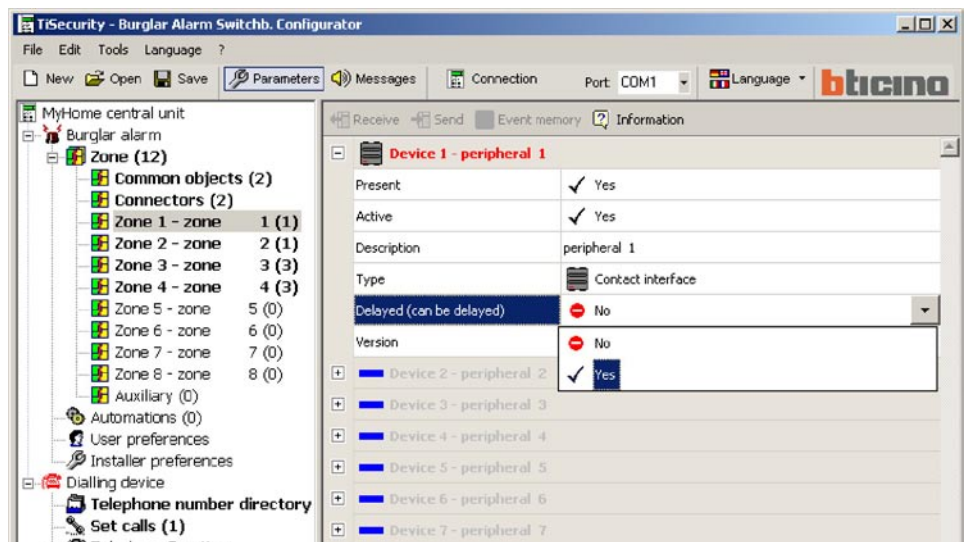


Zone 1...8

This screen displays the devices included in the single zones. It is possible to signal the presence, activate, enter a description and select a type of device.



Furthermore, it is possible to enable/disable the activation delay the device can be delayed or not depending on the type of device selected and on its firmware version.

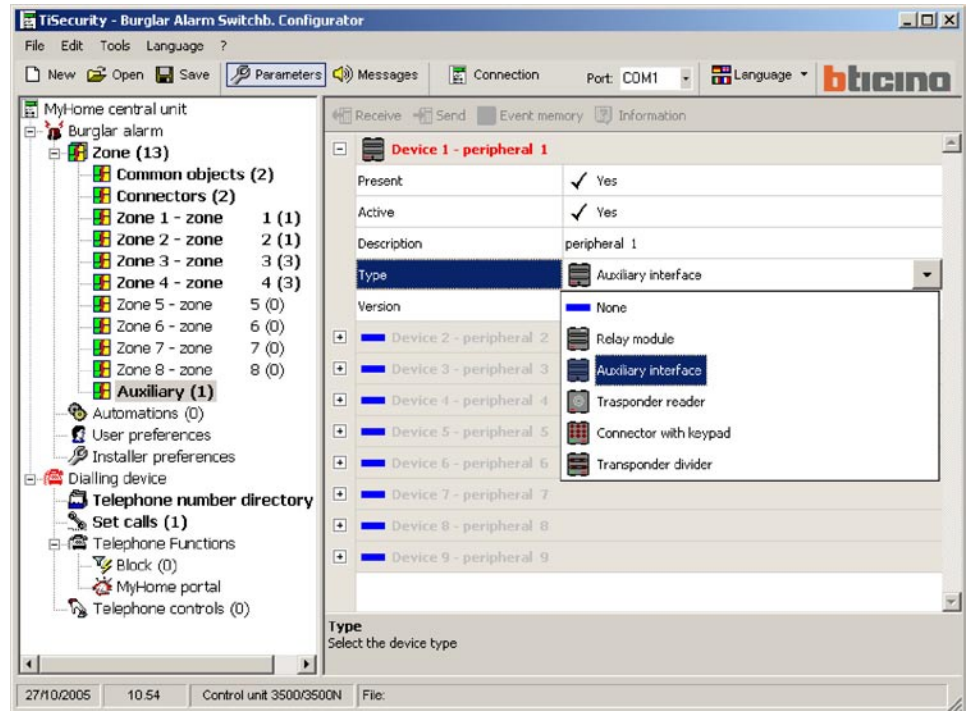


When you click the **Information** button, you will see a screen which will remind you of how the delay time will be set up according to the delay enabling status for the devices of the zone.

Information on the devices in Zone1		
N device delayed	Delay in entry	Delay in exit
YES	Value set to User preferences	Value set to User preferences
NO	0 sec.	Value set to User preferences

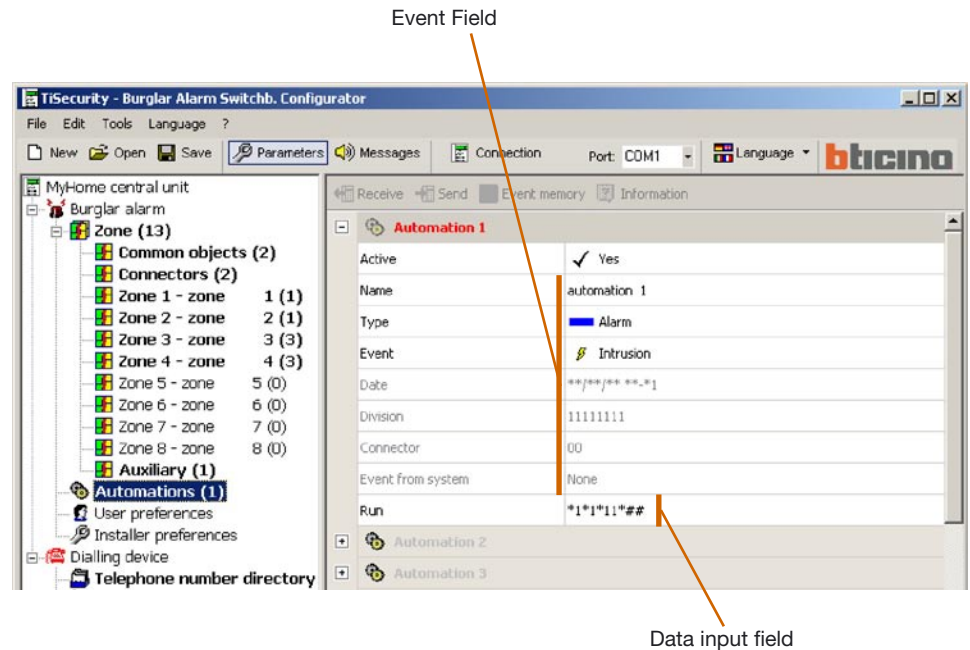
Auxiliaries

This screen displays the devices which are not included in the burglar alarm system (e.g. gas leak detector). It is possible to signal the presence, activate, enter a description and select a type of device.



7.3.2 - Automations

This screen shows the list of automations that can be set up. The automation lets you link an execution (set with an Open command) to one specific burglar alarm event. It is possible to enable/disable the automation, enter a description and select an event to be matched with a to produce the automation required.

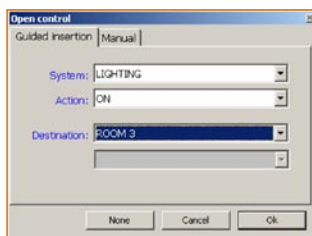


Event

Depending on the choice made, it is possible to select a type of event from the **Type** drop-down menu; the underlying fields will be activated and dealt with later on.

Data input

When you click inside the data input zone (data input field) of the Run option, an Open Command window will be opened whereby it is possible (through a guided or manual insertion) to determine the Open Command to be combined with the previously selected event.



Guided Insertion:

- > Select the Open Command from the drop-down menu and select the data related to the system, to the action and to the destination.
- > Click the **Ok** button



Manual Insertion:

- > Type in the Open Web Net code to create the Open Command
- > Click the **Ok** button

Type	Alarm
Event	Intrusion
Date	Intrusion
Division	Alarm 24h
Connector	Anti-panic
Event from system	Silent
Run	Alarm end

Type of event - Alarm

- > Select the event related to the type of alarm from the drop-down menu

Type	Technical
Event	Auxiliary 1
Date	Auxiliary 1
Division	Auxiliary 2
Connector	Auxiliary 3
Event from system	Auxiliary 4
Run	Auxiliary 5
Automation 2	Auxiliary 6

Type of event - Technical

- > Select the event related to the technical type from the drop-down menu

Type	Failed
Event	Power lack
Date	Power lack
Division	Power on
Connector	Battery Failure
Event from system	None
Run	(*1*1*2##)

Type of event - Power lack

- > Select the event related to the power lack type from the drop-down menu

Type	Insertion
Event	Connector number
Date	Division
Division	Connector number
Connector	00
Event from system	None
Run	(*1*1*2##)

Type of event - Enable/Disable (Insertion/De-insertion)

- > Select the event related to the type of enabling from the drop-down menu

Type	Insertion
Event	Division
Date	**/*/* ** ** 1
Division	11111111

The associated field will be activated by selecting the division event

- > Click the  button

Division	
<input checked="" type="checkbox"/> Zone 1	<input checked="" type="checkbox"/> Zone 5
<input checked="" type="checkbox"/> Zone 2	<input checked="" type="checkbox"/> Zone 6
<input checked="" type="checkbox"/> Zone 3	<input checked="" type="checkbox"/> Zone 7
<input checked="" type="checkbox"/> Zone 4	<input checked="" type="checkbox"/> Zone 8
<input type="button" value="Cancel"/> <input type="button" value="Ok"/>	

- > An independent window will be opened, select the zones to be divided

- > Click **Ok**

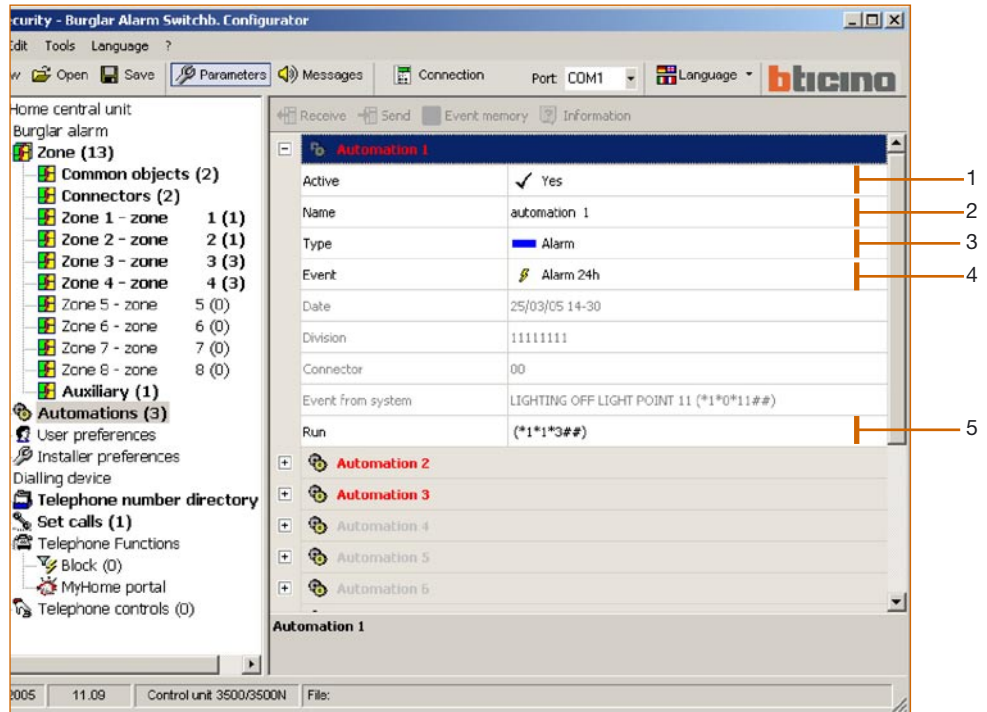
Type	Insertion
Event	Connector number
Date	**/*/* ** ** 1
Division	11111111
Connector	00

The associated field will be activated by selecting the connector event

- > Type in the connector number

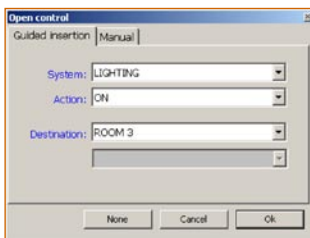
Example of automation

- Lights ON in "Room 3" at every trespassing alarm.



Procedure:

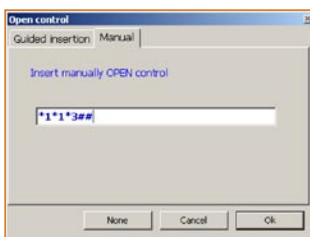
- 1 Enable automation
- 2 Type in the reference name of the automation (e.g. Staircase lights)
- 3 Select type of event - Alarm
- 4 Select Intrusion event
- 5 Enter the Open command which will be activated after the Intrusion event



Guided Insertion:

- > Select System LIGHTING
- > Select Action ON
- > Select Destination ROOM 3

- > Click the **Ok** button



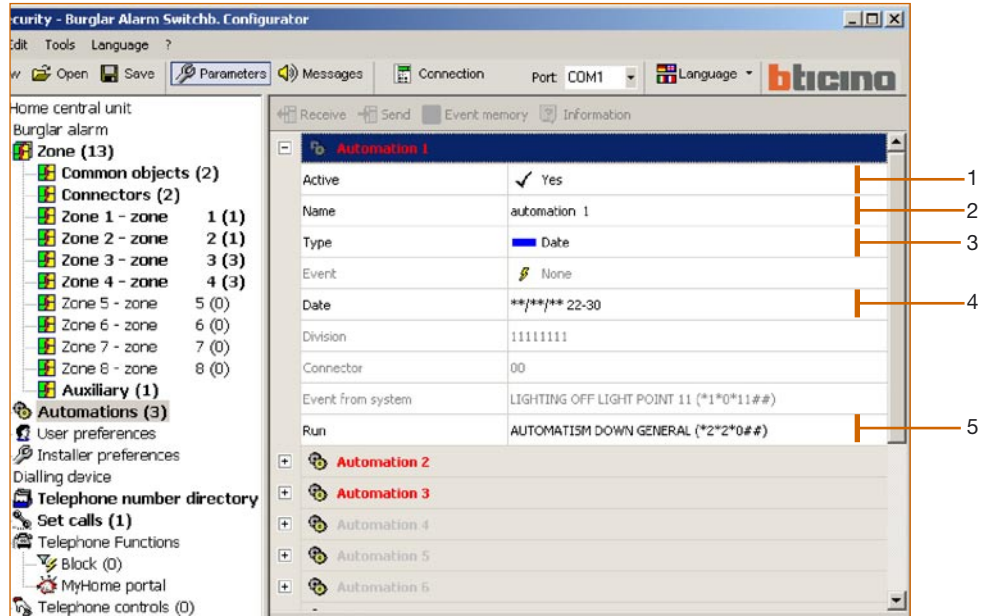
Manual Insertion:

- > Type in *1*1*3##

- > Click the **Ok** button

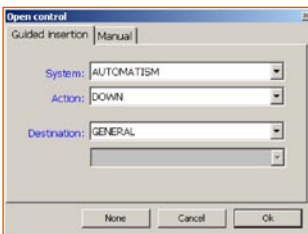
Example of automation

- Lower the blinds at 22:30 h every day.



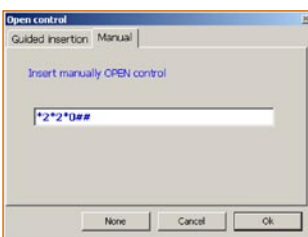
Procedure:

- 1 Attivare l'automazione
- 1 Enable automation
- 2 Type in the reference name of the automation (e.g. Evening)
- 3 Select type of event - Date
- 4 Enter the date and time
To set up the automation to a preset time every day, enter ** in the Day/Month/Year fields.
- > Click the **Ok** button
- 5 Enter the Open command which will be activated after the Date event



Guided Insertion:

- > Select System AUTOMATISMS
- > Select Action DOWN
- > Select Destination GENERAL
- > Click the **Ok** button

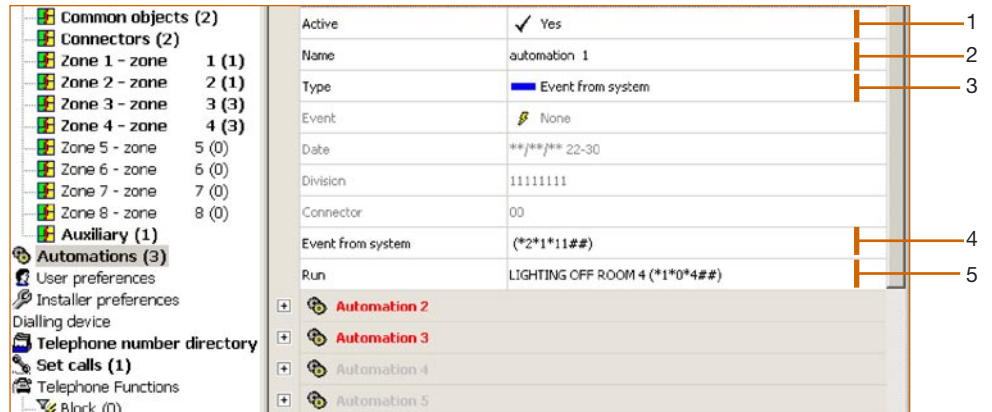


Manual Insertion:

- > Type in *2*0##
- > Click the **Ok** button

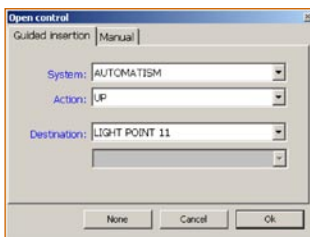
Example of automation

- Lights OFF Room 4 when the blind is rolled up (e.g. light point 11).



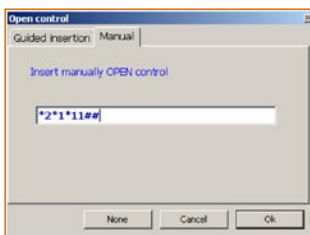
Procedure:

- 1 Enable automation
- 2 Type in the reference name of the automation (e.g. Day)
- 3 Select type of event – Event from system
- 4 Enter the Open command which will be the automation event.



Guided Insertion:

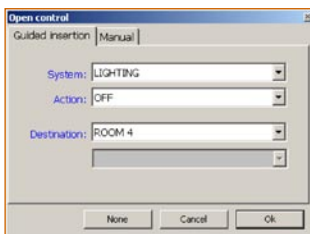
- > Select System AUTOMATISMS
- > Select Action UP
- > Select Destination LIGHT POINT 11
- > Click the **Ok** button



Manual Insertion:

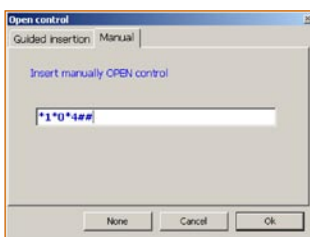
- > Type in *2*1*11##
- > Click the **Ok** button

5 Enter the Open command which will be the data input of the automation.



Guided Insertion:

- > Select System LIGHTING
- > Select Action OFF
- > Select Destination ROOM 4
- > Click the **Ok** button

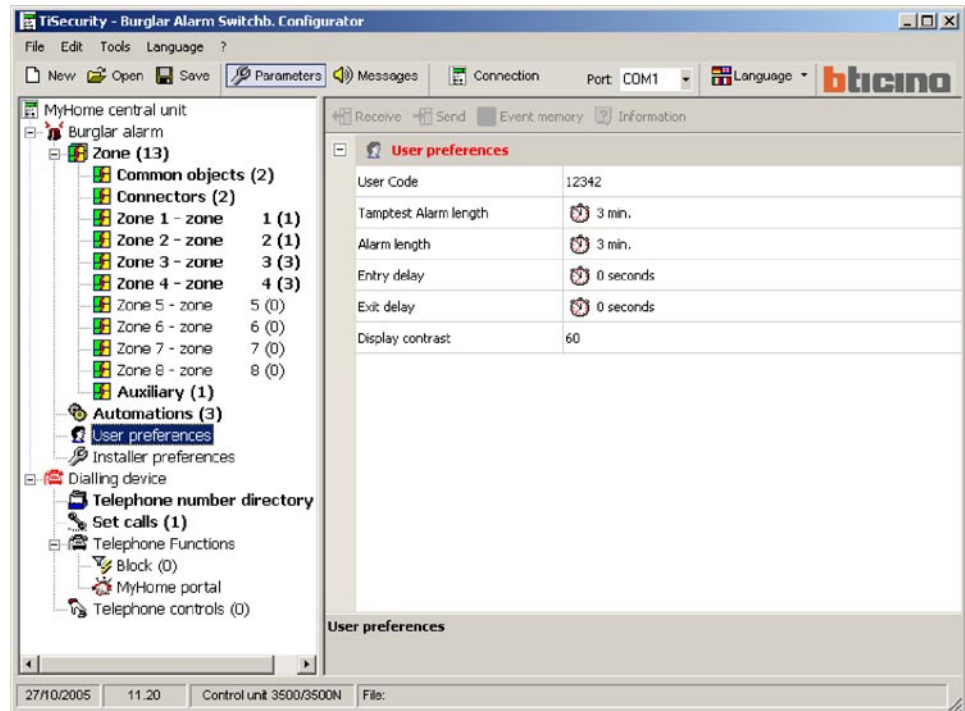


Manual Insertion:

- > Type in *1*0*4##
- > Click the **Ok** button

7.3.3 - User Preferences

This screen displays the user's preferences
It is possible to change all preferences in the procedures described hereinafter.



User Code

It enables you to enter or change the user code of the Unit.
In the basic configuration the user and maintenance code are the same; they also enable you to access all menus of the Unit.
Changing the user code will also automatically update the maintenance code as long as the latter is not modified.

- > Type in the user code in the required field

Tamptest Alarm length

Sets the duration of the siren sound in case of an alarm due to tampering or problems related to the SCS signal reception.

- > Select one of the proposed values from the drop-down menu

Alarm length

Sets the duration of the siren sound in case of an alarm.

- > Select one of the proposed values from the drop-down menu

Entry delay

Assigns the delay time for the activation of the sensors of zone 1. This allows you to pass through zone 1 before disconnecting the system and without activating the alarm.

- > Select the delay duration from the drop-down menu

Exit delay

Assigns the delay time for the activation of the sensors of zone 1. This allows you to pass through zone 1 after enabling the system and without activating the alarm.

- > Select the delay duration from the drop-down menu

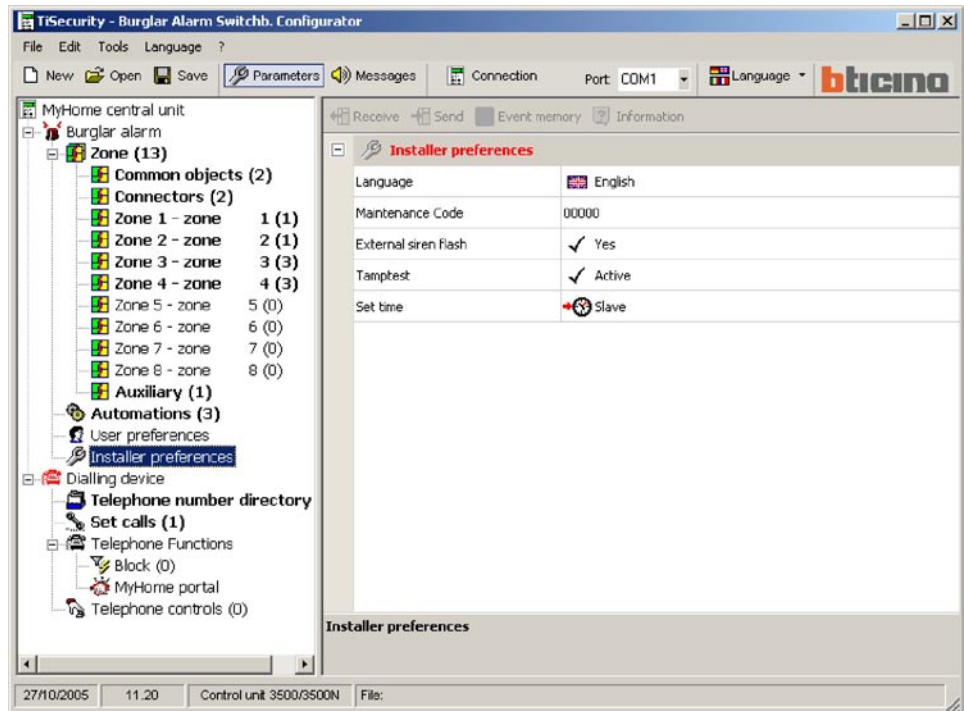
Display contrast

Adjusts the display contrast of the Unit.

- > Adjust the contrast with the arrows by clicking in the field.

7.3.4 - Installer Preferences

This screen displays the installer's preferences. It is possible to change all preferences in the procedures described hereinafter.



Language

Adjusts the display language of the Unit as well as the voice messages.
 > Select one of the proposed languages from the drop-down menu

Maintenance Code

It enables you to enter or change the installer code (maintenance code). In the basic configuration the user and maintenance code are the same; they also enable you to access all menus of the Unit. This function enables you to distinguish them in order to allow only the installer to access the Maintenance menu of the Unit.
 > Type in the maintenance code in the required field

External siren flash

Enables/disables the ON (3 flash) and OFF (1 flash) signaling (through the flash of the external siren) of the burglar alarm system.
 > Select Yes/No from the drop-down menu.

Tamptest

Enables/disables the periodic check of the interconnections between the Unit and devices connected
 > Select Activ./Deactiv. from the drop-down menu.

Set time

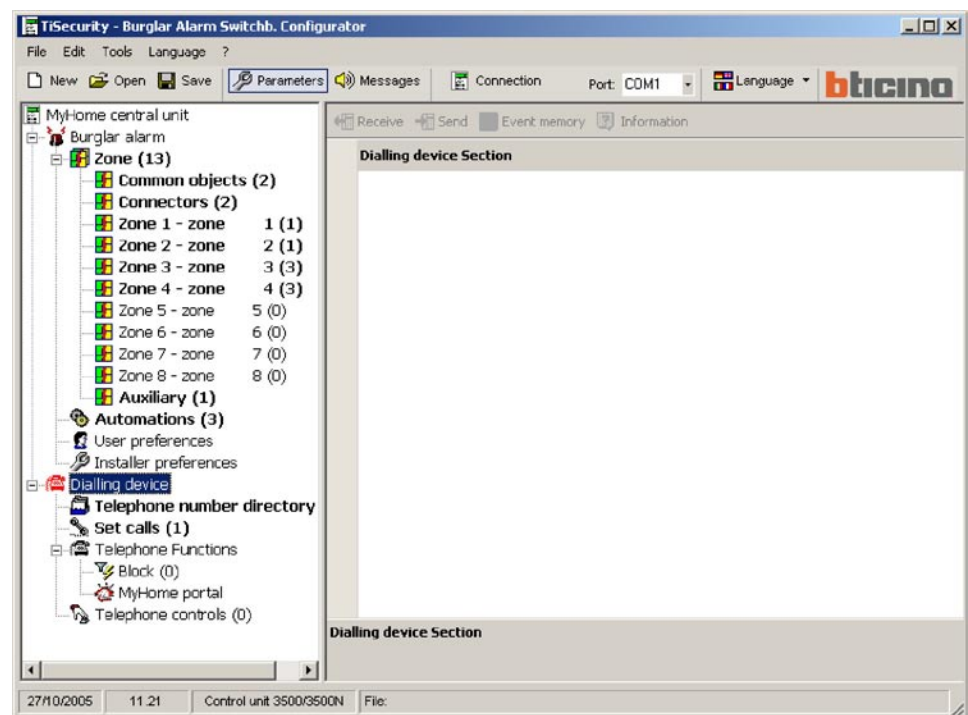
Sets the unit as a Master clock (sends the time update to all MyHome devices provided with a clock, such as Touch Screen, Web Server, etc.) or as a Slave (receives the time update from other devices). Only one device of the MyHome system can be set as a Master.
 > Select Master/Slave from the drop-down menu.

7.4 Configuration of the Dialing device section

In this section it is possible to set up the part of the Unit related to the Telephone Dialing Device.

The options are as follows:

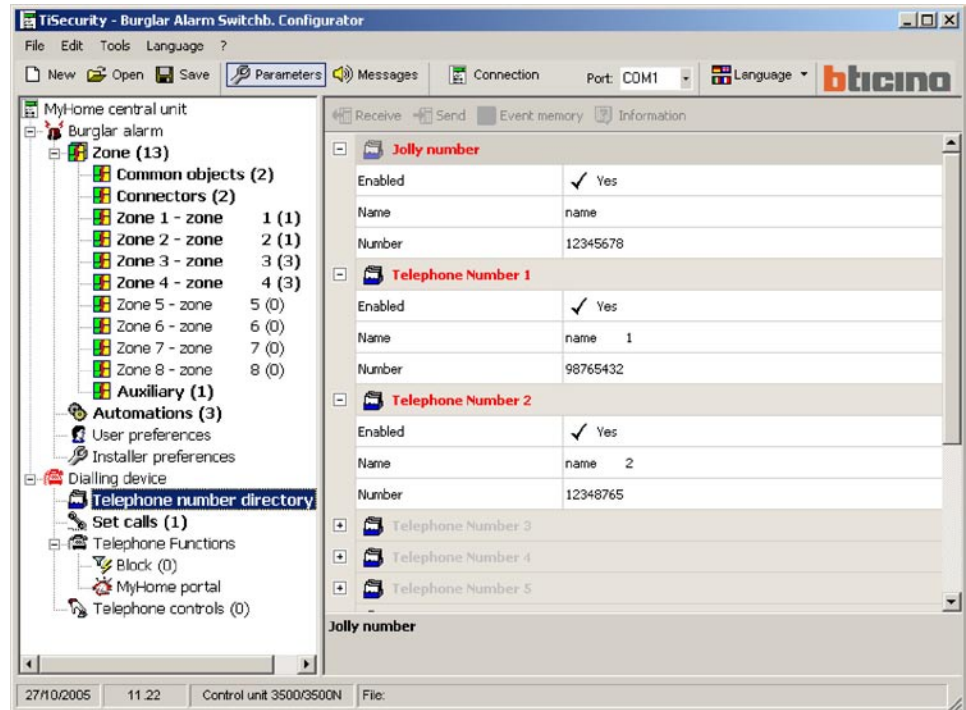
- Telephone number directory
- Set calls
- Telephone functions
- Telephone controls



The tree structure will show the configured components with their number in brackets.

7.4.1 - Telephone number directory

In this screen it is possible to set up the jolly number and the 10 telephone numbers of the directory.



Jolly number

It is the first telephone number called by the Unit when any type of alarm is detected (intrusion, failure, technical alarm). If the MyHome portal is enabled, make sure it matches the telephone number of the portal.

It is possible to enable/disable, enter a description and a telephone number.

Telephone number 1...10

It is possible to store the 10 telephone numbers of the directory in these fields. The numbers entered will be able to be used (e.g. for being included in the 4 numbers to be called according to the type of alarm recorded by the burglar alarm system – see “Outgoing calls”), only if enabled in this template.

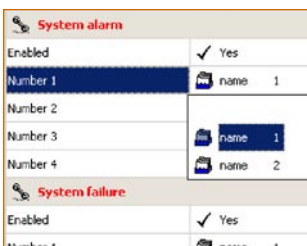
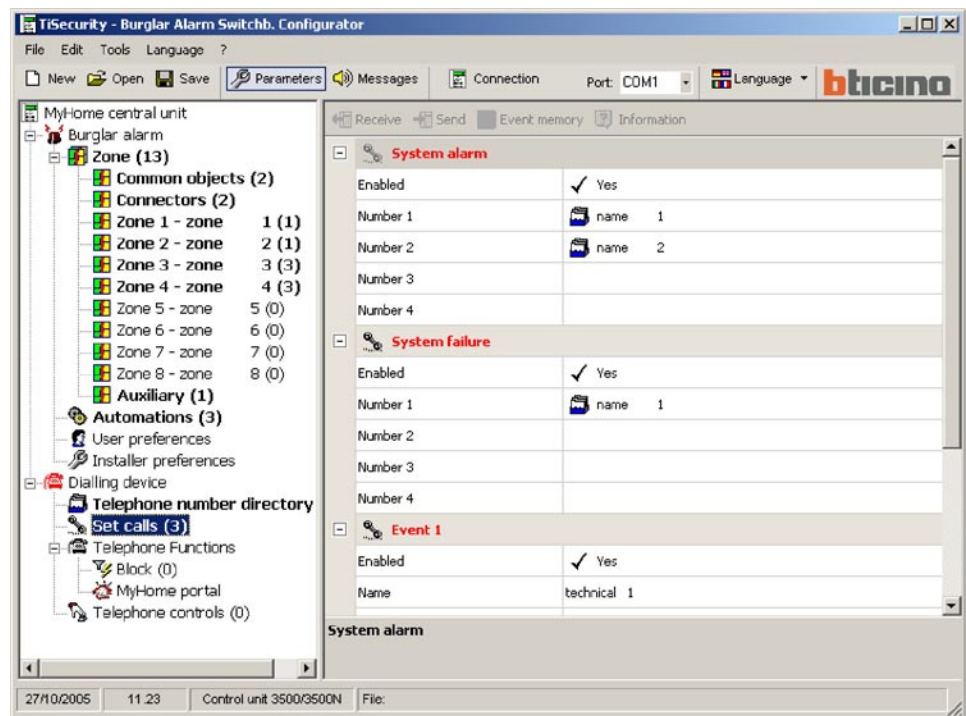
It is possible to enable/disable, enter a description and a telephone number.

7.4.2 - Setting up calls

This screen lets you match some telephone numbers stored in the directory (max 4 numbers) with the alarm events detectable by the burglar alarm or any specific Open event chosen by the user.

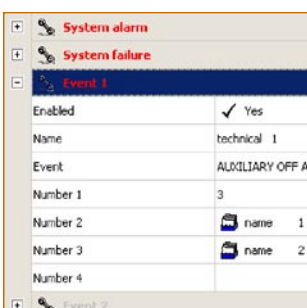
When an event occurs, whether it is detected by the burglar alarm system or programmed by the user, the Unit will call the telephone numbers corresponding to that event and will communicate, through a voice message (see the chapter “Messages”), the type of alarm that has occurred.

! Please note: the telephone numbers to be matched will appear in the drop-down menus only if previously enabled in the telephone number Directory screen



Calls following a System alarm event and System failure

- > Enable/disable the event
- > Select the telephone numbers of the directory to be matched with the event from the drop-down menu

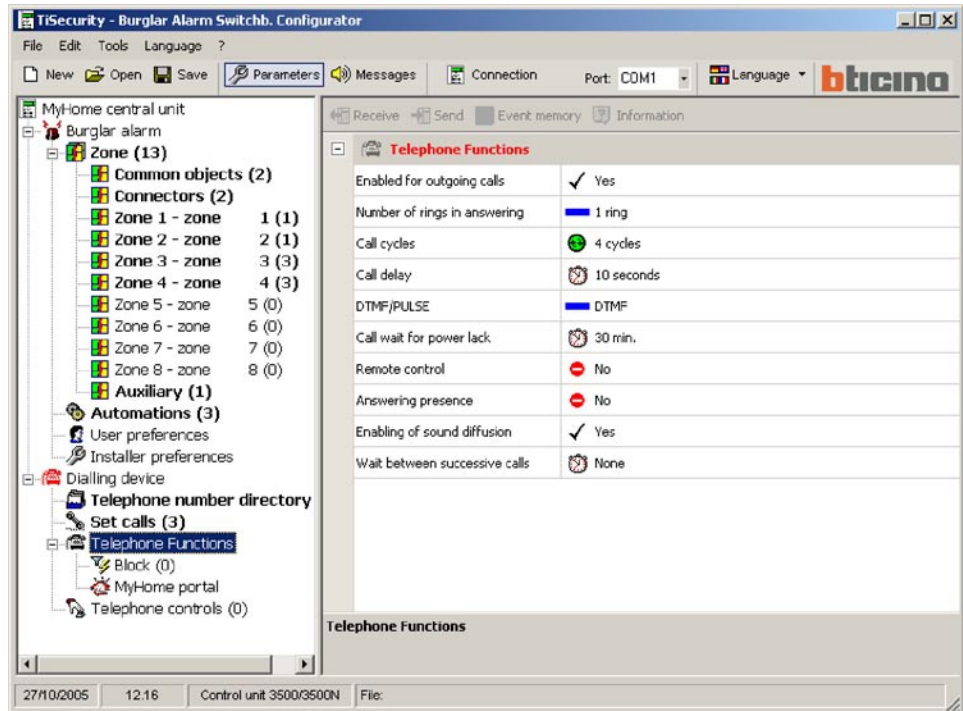


Calls following an Open event

- > Enable/disable the event
- > Type in the reference name
- > Enter the OPEN command which will initiate the call
- > Select the telephone numbers of the directory to be matched with the event from the drop-down menu

7.4.3 - Telephone functions

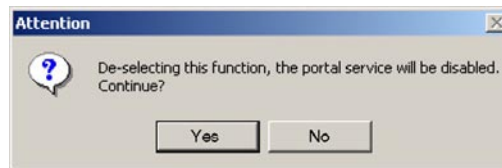
This screen displays the telephone functions that can be customized. It is possible to change all functions in the procedures described hereinafter.



Enabled for outgoing calls

Enables/disables the dialing device to make telephone calls.
>ASelect Yes/No from the drop-down menu.

If this function will be disabled and if the MyHome portal is active, the following message will appear:



> Click the **Yes** button

The function is now “Enabled for outgoing calls” and the “MyHome Portal” service is disabled.

Number of rings in answering

Sets the number of rings, after which the dialing device answers a call.If there’s an answering machine, the number of rings shall be higher than the one set for the answering system.

> Select the number of rings from the drop-down menu

Call cycles

Determines the number of times the dialing device will repeat calls to the numbers from which it did not receive an answer.

> Select the number of cycles from the drop-down menu

Call delay

Sets the delay time, following an alarm, before the call cycle is started.

> Select the delay time from the drop-down menu

DTMF/PULSE

Allows you to set the type of line.
 > Select DTMF (tone dialing line) or PULSE (pulse dialing line) from the drop-down menu

Call wait for power lack

Sets the time between the moment power goes off and the starting time of the Unit telephone calls.
 > Select the waiting time from the drop-down menu

Remote control

Enables/disables the activation/deactivation of the burglar alarm system from the telephone line.
 > Select Yes/No from the drop-down menu.

Answering presence

Informs the dialing device that an answering machine is installed on the telephone line.
 > Select Yes/No from the drop-down menu.

Enabling of sound diffusion

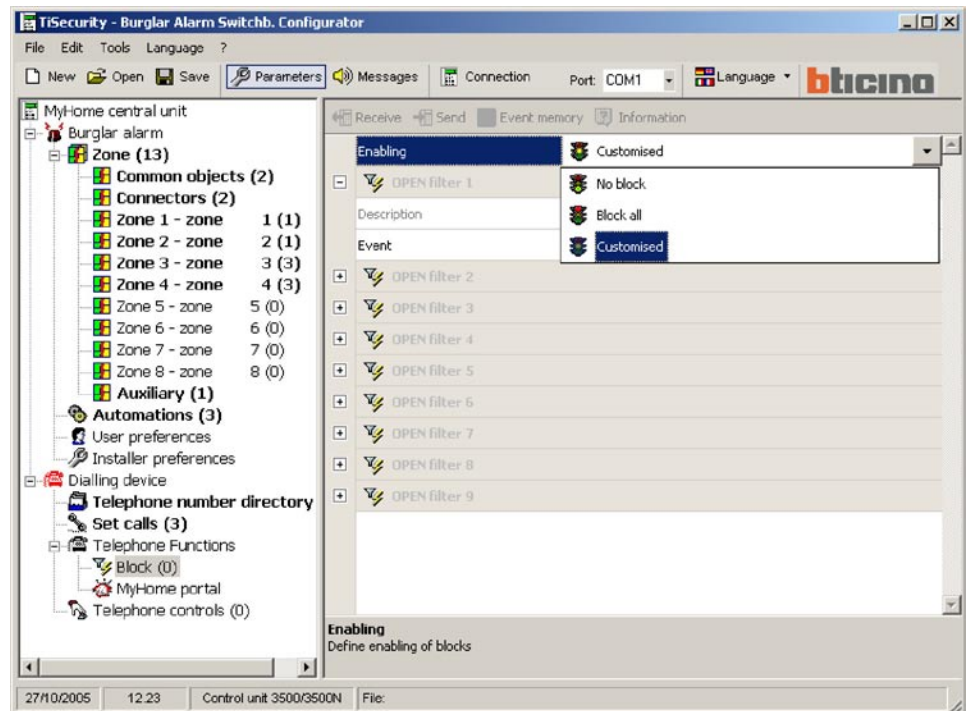
Enables/Disables the possibility to send remote voice messages to the room (via the Unit loudspeaker and if connected from the sound system) and the room listening function via the Unit microphone.
 > Select Yes/No from the drop-down menu.

Wait between successive calls

Assigns the waiting time between one call and the next.
 > Select the waiting time from the drop-down menu

Lock (Block)

In this screen it is possible, through the options available in the “Enabling” drop-down menu, to decide not to lock the open commands remotely, to lock all of them or to set up to 4 codes to prevent specific open commands from being executed remotely.



> Select type of lock from the “Enabling” drop-down menu.

If you select “Customized” it will be possible to define the filters described hereinafter.



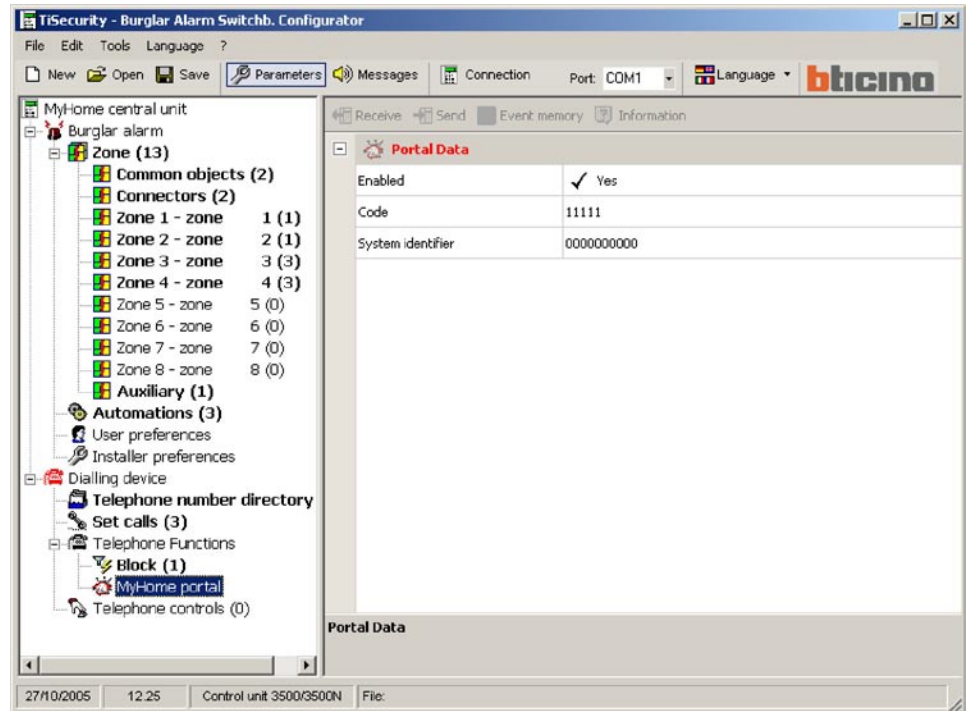
> Enter a description for the filter

> Enter the Open command you want to lock.

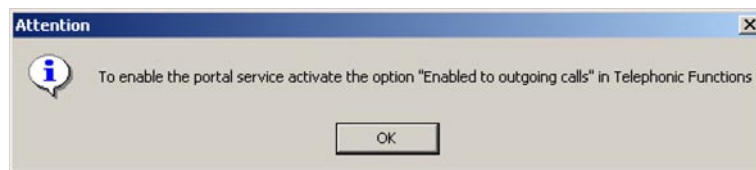
MyHome Portal

This screen displays the setups for managing the system through the MyHome portal.

- > Enable/disable the presence of the MyHome portal services.
- > Type in the password OPEN to access the system.
- > Type in the System ID provided by the MyHome portal.



After enabling the portal, if the function “Enabled for outgoing calls” in the “Telephone functions screen is disabled, the following message will appear



- > Execute the operations described in the message and repeat the operation

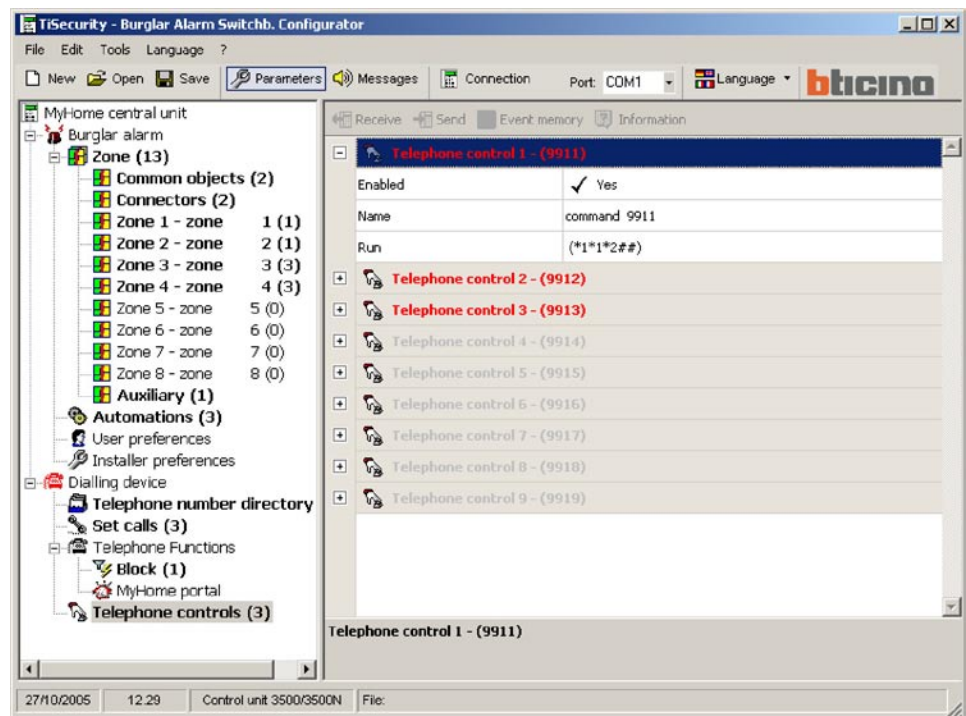
if the function” Enabled for outgoing calls” is enabled, the telephone number of the portal will be set as the jolly number.



7.4.4 - Telephone commands

In this screen it is possible to set up telephone commands which can later be executed by the user through simplified codes consisting of just 4 digits, through the Unit keypad or by telephone.

- > Enable/disable the command
- > Type in the reference name
- > Enter the command open code.

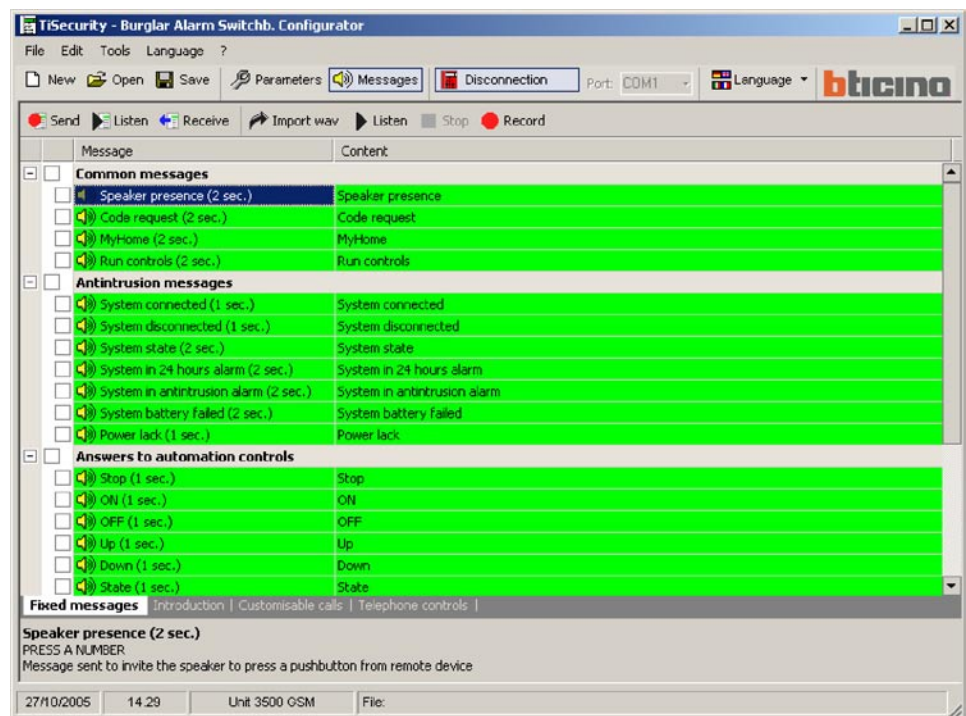


In this case, by remotely typing in the command 9911, the user will switch on the entrance lights whereas if 9901 is typed in, they will switch off. The user can record a personalized voice message only for the first 4 telephone commands (see chapter "Messages").

8. Messages

In this section, it is possible to manage voice messages which are sent from the Unit to the set telephone numbers when a particular event occurs or as an answer to telephone commands sent by the user.

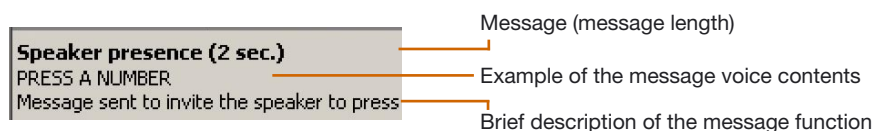
8.1 Work area



The screens in the “Messages” section display the messages related to the type selected in the bottom menu (fixed Messages, Presentation, customizable Calls, telephone Commands); it is possible to select the various templates by clicking the corresponding buttons. The screens are divided into two columns: the tree-structured Message column includes the messages whereas in the Content column it is possible to enter a name which identifies the message.

The messages will have a green background.

At the top part of the screen there is a message management bar and at the bottom there is a zone where there will be different information related to the selected message.

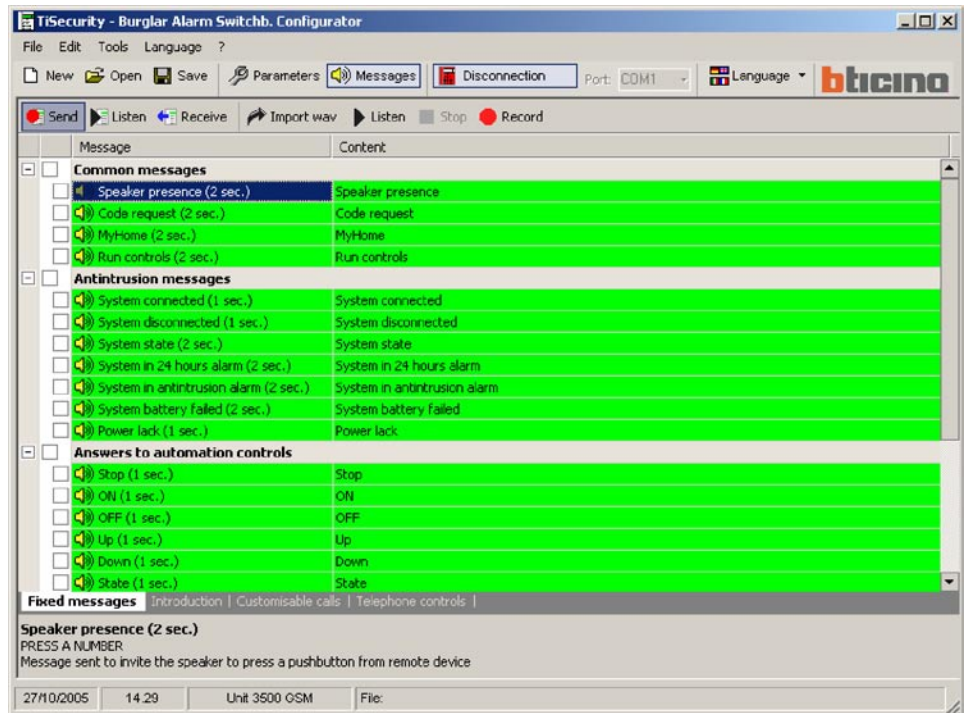


8.2 Exchanging voice messages with the Unit

8.2.1 - Sending voice messages

This function allows you to send one or more messages to the Unit.

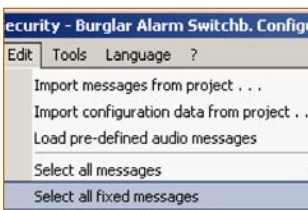
- > Execute the Connection to Unit procedure



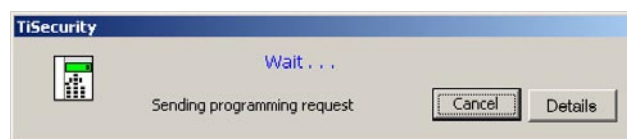
- > Select by ticking the box next to the message to be sent

or select all messages

- > Choose **Select all messages** from the **Edit** menu or **Select all fixed messages** as needed



- > Click Send from the message management bar



wait until the procedure has been completed

8.2.2 - Listening to messages from the Unit loudspeaker

This function allows you to listen to the message selected from the Unit loudspeaker.

- > Execute the Connection to Unit procedure
- > Select a message; the message will be highlighted.



- > Click **Listen** from the message management bar

The message will be emitted from the Unit loudspeaker.

8.2.3 - Receiving voice messages

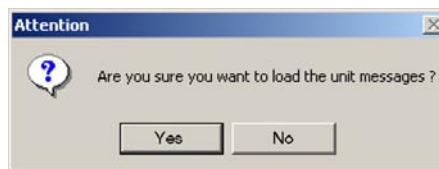
This function allows you to receive all messages included in the Unit.

- > Execute the Connection to Unit procedure



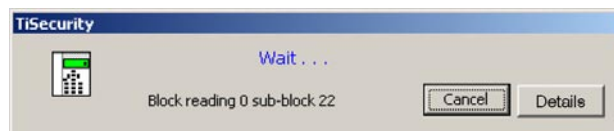
- > Click **Receive** from the message management bar

The following message will appear



Please note: the messages in the current project file will be overwritten.

- > Click the **Yes** button



When the procedure has been completed, the Unit voice messages will be available in the Messages section for future verifications/changes, if required.

8.3 Voice message commands

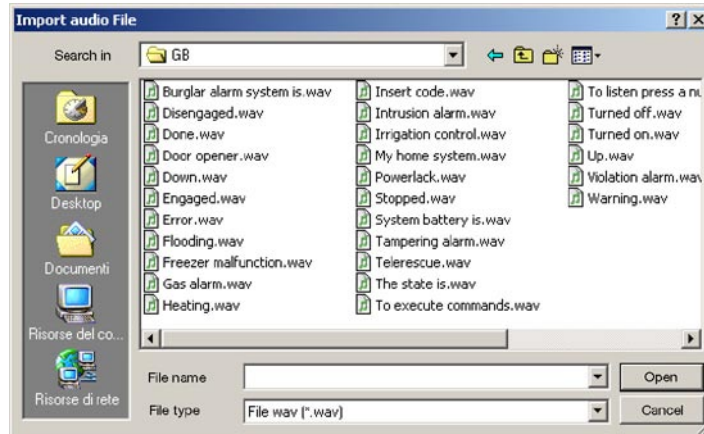


8.3.1 - Importing an audio file

This function allows you to import an audio file.

- > Select a message; the message will be highlighted.
- > Click **Import wav** from the message management bar

The following screen will appear



- > Select the audio file (. wav) from where you want to import the messages.

The installation directory includes the folder “Wave”, in which the voice messages are contained and divided into folders according to the language.

The audio file must have the following features:

- maximum duration as per description (... sec.)
- type .wav
- sampling: PCM 8Khz
- resolution: 8 bit Mono

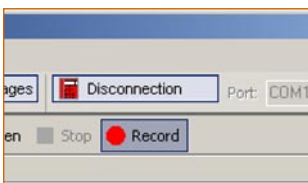
- > Click the **Open** button



8.3.2 - Emitting a voice message

This function allows you to emit a message from the PC loudspeakers

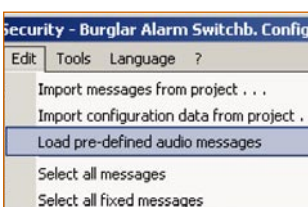
- > Select a message; the message will be highlighted.
- > Click **Listen** from the message management bar. the message will be emitted
- > Click **Stop** from the message management bar to stop



8.3.3 - Recording a voice message

This function allows you to record a message

- > Select a message; the message will be highlighted.
 - > Click **Record** from the message management bar
 - > Start recording by speaking in a normal voice from a microphone connected to the PC
- The recording will automatically end when the preset time for the message has elapsed.



8.3.4 - Retrieving voice messages

This function allows you to retrieve voice messages set up for the Unit

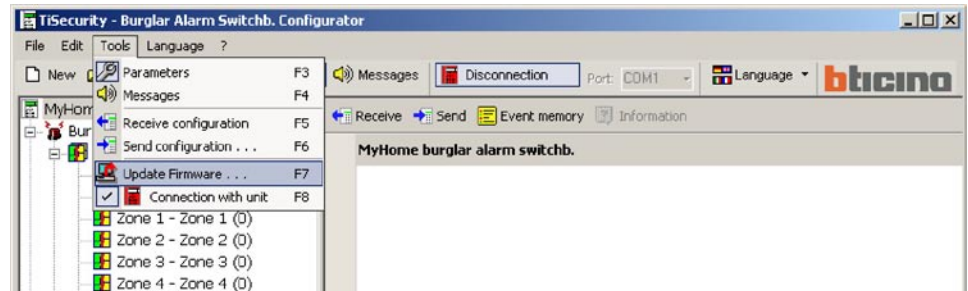
- > Select **Load pre-defined audio messages** from the **Edit** menu

The pre-defined audio messages will be retrieved by overwriting those of the current project.

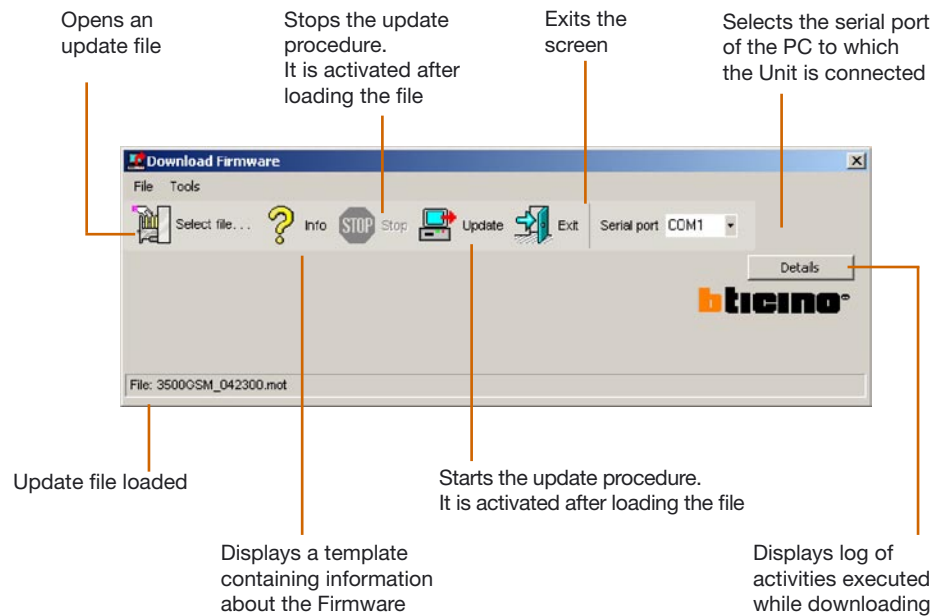
9. Update Firmware

This function allows you to update the permanent basic software (firmware) in the unit through revision procedures distributed by Bticino

- > Select **Update Firmware** from the **Tools** menu

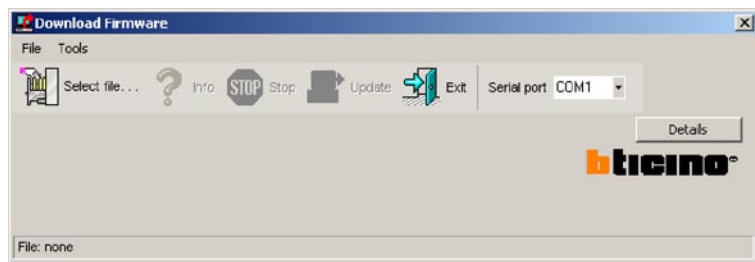


The Download Firmware screen will appear

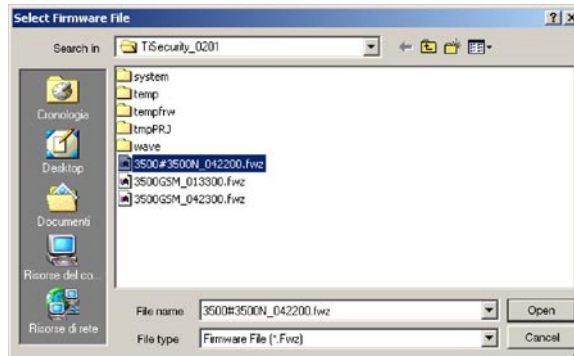


The above commands are also available in the File and Tools drop-down menu.

- > Click the **Select file** button



The following screen will appear



- > Select the update file (.fwz)
- > Click the **Open** button

The Update button is now available.

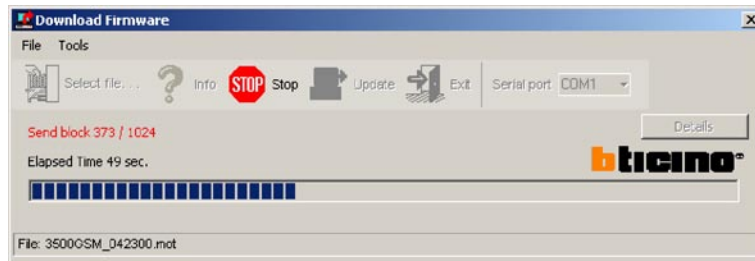
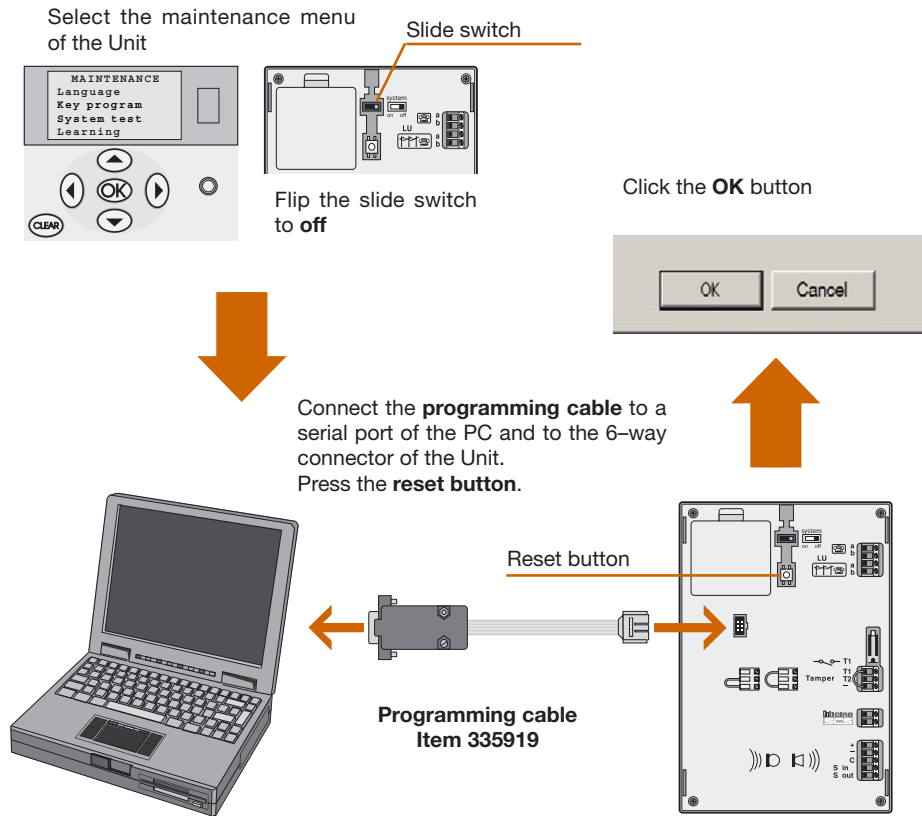


- > From the **Port** drop-down menu, select the serial port of the PC you want to connect the Unit to.
- > Click the **Update** button

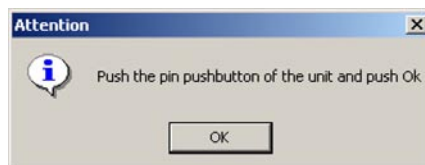
The following message will appear



Execute the required operations and then click **OK**



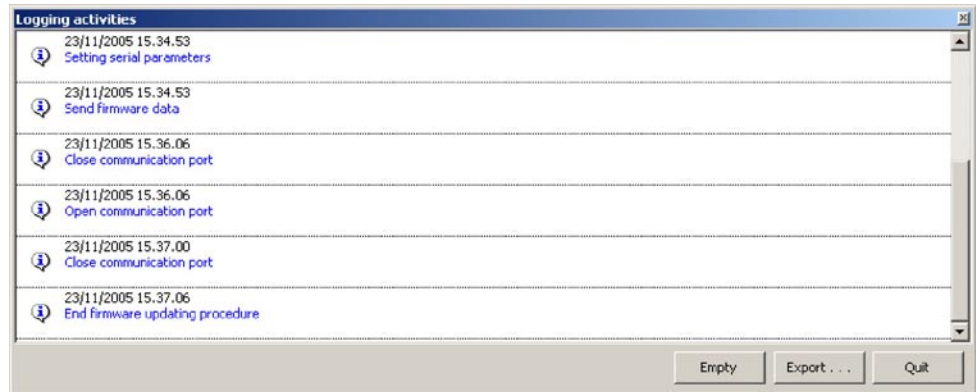
When the update procedure has been completed, the following message will appear along with an audible alert



- > Disconnect the programming cable connector from the Unit
- > Click the **OK** button
- > Press the Unit reset button.

The Unit firmware is now updated.

Once the updating process has been completed it is possible, by clicking on Detail, to display a window which lists the activities carried out during the firmware download operation.



10. Specific configurations of Unit item 3500 GSM

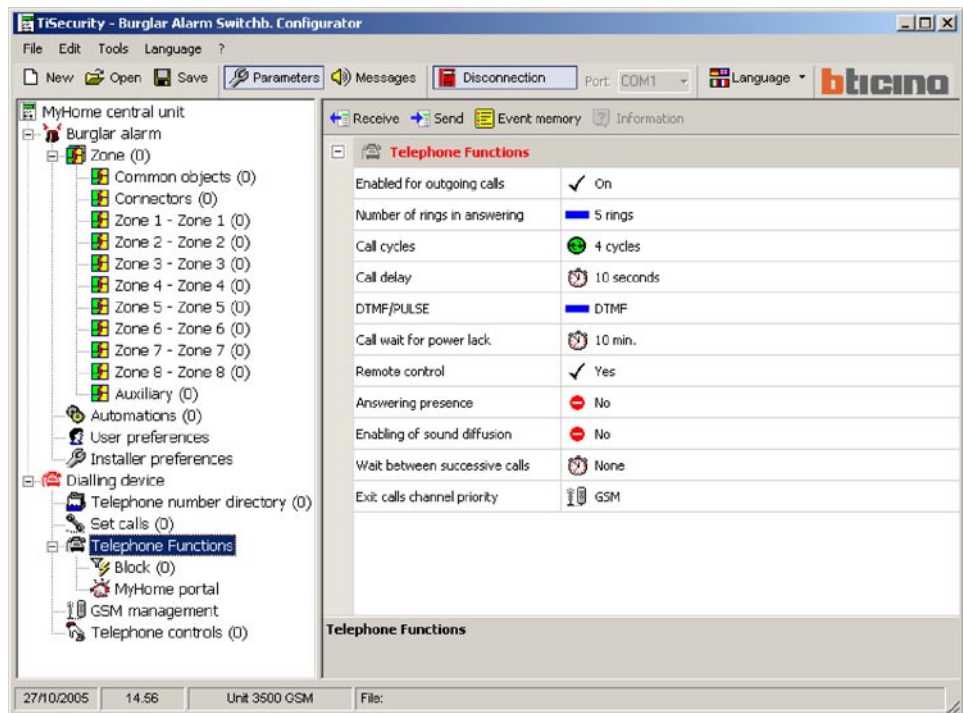
This section will describe the specific functions for the configuration of a Unit which uses a dialing device on a PSTN and GSM line (Unit item 3500 GSM)
For all other configurations, please refer to the previous chapters.

The functions that may change or be added compared to the configuration of a 3500 Unit are:

- Telephone functions
- GSM Management

10.1 Telephone functions

This screen displays the telephone functions that can be customized. Possible customizations are shown only for specific functions concerning the 3500 GSM Unit.

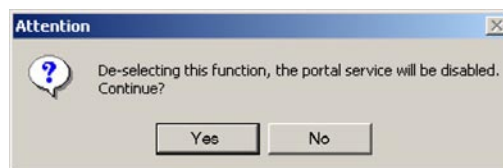


Enabled for outgoing calls

Enables/disables the dialing device to make telephone calls on a PSTN and GSM line (On, Off), disables only GSM (GSM Off) or disables only PSTN line (PSTN Off).

> Select On/Off/GSM off/PSTN Off) from the drop-down menu

If this function will be disabled (only command Off) and if the MyHome portal is active, the following message will appear:



> Click the **Yes** button

The function is now “Enabled for outgoing calls” and the “MyHome Portal” service is disabled.

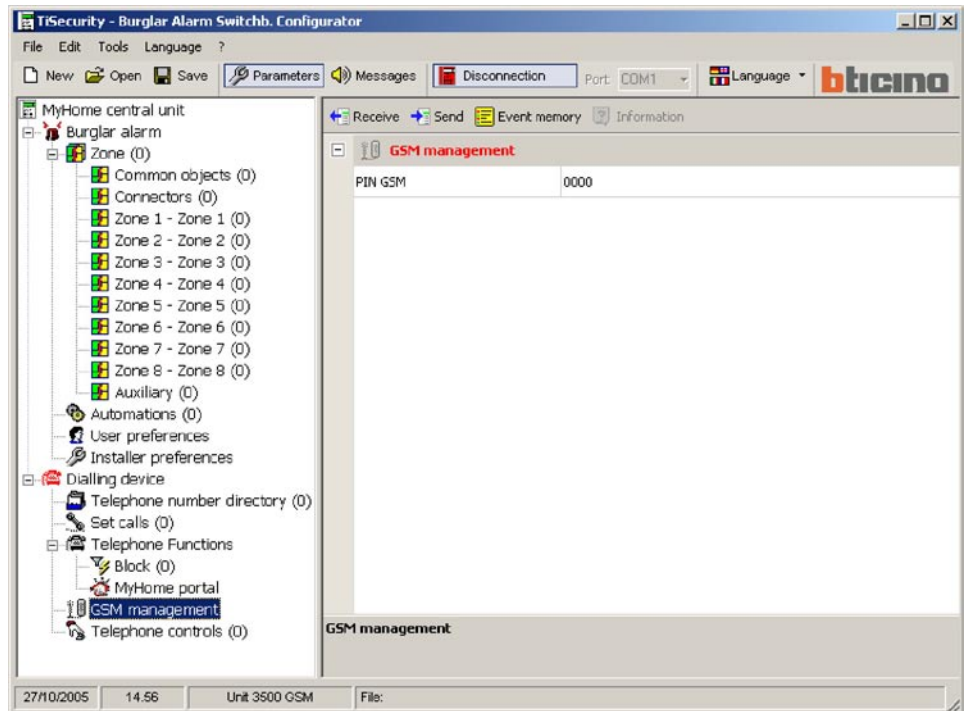
Exit calls channel priority

Determines which channel is used first in the outgoing calls.

> Select GSM/PSTN from the drop-down menu

10.2 GSM Management

In this screen it is possible to enter the Pin Code of the SIM card inserted in the 3500 GSM Unit.



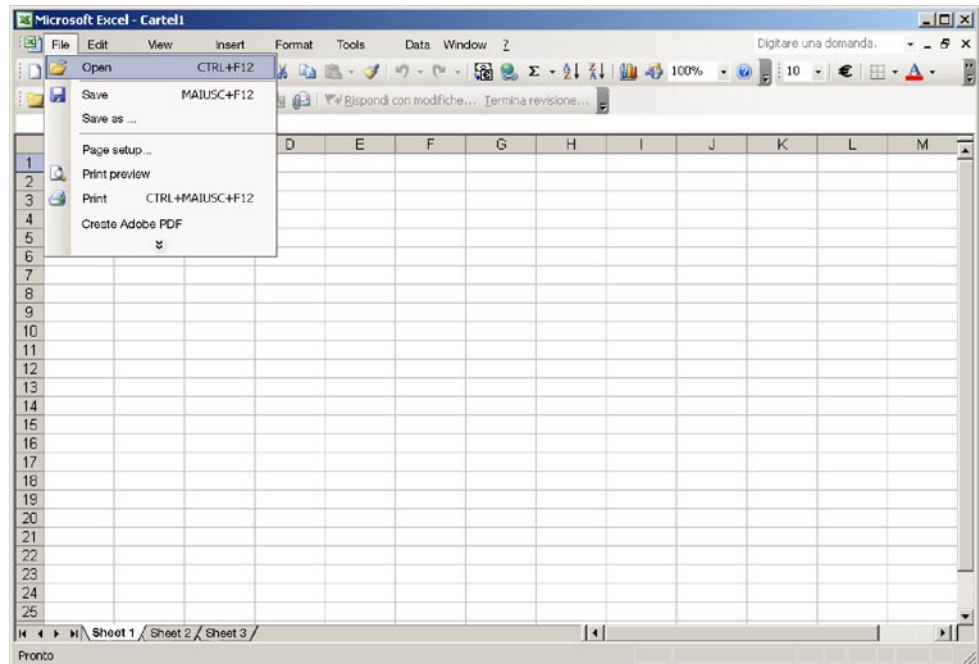
If the SIM card does not need a Pin Code, do not change the setup (basic "0000").

11. Opening files exported from Tisecurity in Microsoft Excel®

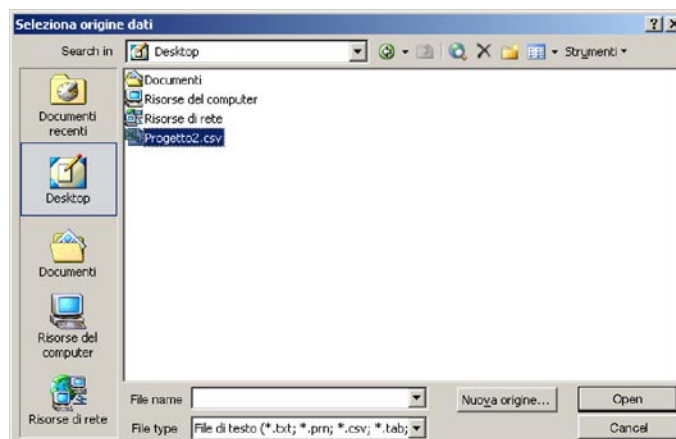
In order to display files exported from TiSecurity (.csv) it is necessary to use Microsoft Excel® (ver. 2000 or higher). Previous versions are not recommended).

In order to open exported .csv files, follow this procedure:

- > Run the application
- > Select “Open” from the “File” menu



- > The window below will be activated



- > Select “Text file” in the “File type” box
- > Select the . csv file you want to import and then click “Open”



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