Manual V.5.02.BF

Fire Monitoring System
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Introduction

The Security Control SBE is a centralized client server platform with a multi-monitor maps graphical user interface.

Easy to install, to setup and to maintain.

Start Up - login

Insert your login credentials into the login form.

1) Username
2) Password
3) Language - it is possible to select any specific language. Default is the preferred language configured in the user settings.
System SETUP

Main Window

Windows part of the main screen:

1) Menu area
2) Maps tree
3) Active alarms and system alerts
4) Current map

These windows can be moved to customize the operator GUI. From the “windows” panel it is possible to select or hide the windows you want to be active in the main screen.

1. Windows
2. Advanced Search
3. About ...
1. **Windows:**

   Selection of the windows part of the main screen. It is possible to move them in different parts of the screen. From this panel it is possible to enable or disable any single window view.

   The reset window layout will restore the factory default view.

2. **Advanced Search:**

   In the advanced search it is possible to search objects with different parameters like: name, ID, description, etc.

   A double click, on the selected object, opens the map where it is placed to select it.

3. **About...:**

   Main information about the software release.
Main window - Menu area (File, Design)

File

Device management

- Zones

1) Add

Click “add” to create a new zone in the system.

Name: Name of the zone
Calendar: Select the calendar
Group: Select the group to which it belongs
Type – With the selection of a type, different “tabs” have to be configured, here below we will see the list:

- Software area
- Software area h24
- Alarm panel
- Alarm panel technical area
- Logical group
1) **Software area**: Timer mode
   a) Time slot: define the schedule
   b) Sensor list: list of sensors part of this area
   c) Camera list: list of cameras part of this area

2) **Software area h24**: The area is always on.
   a) Sensor list
   b) Camera list

3) **Alarm panel**: Management of the alarm panel areas.
   a) Scheduling tasks: schedule actions (arm – disarm)
   b) Sensor list: list of sensors part of this area
   c) Group alarm: select the group to which it belongs

4) **Technical zone**: Management of the alarm panel technical areas.
   a) Sensor list: list of sensors part of this zone
   b) Alarm group: select the group to which it belongs

5) **Logical group**: Management of logical areas where no physical areas are present.
   a) Sensor list: list of sensors part of this zone

2) **Edit**
   Edit the area properties to be modified or updated.

3) **Delete**
   Delete the selected area.

4) **Refresh**
   Refresh and reload all the configured zones.

5) **Area list**
   Area displaying the list of areas with corresponding information:
   - Area name
   - Calendar related
   - Area type
Driver settings

This is the section to configure the drivers (alarm panels, fire panels, etc)

Click the system part to enter in the device configuration

The list of parameters is strictly linked to the selected panel model with information required by the product manufacturer and by the protocol implemented.

Name: Name of the panel – MAX 6 characters
Location: MAX 6 characters
Group: Select the group to which it belongs
Status: On/Off

Administration tools

Users
General

**Username**: login ID — **User full-name**: complete name of the user

**Password expiration**: Each user can have a password expiration, if the user access after the password expiration time he needs to setup the new password first.

**Auto log-off**: automatic user log-off after a configured inactivity time. The system keep displaying any alert but when the user re-use the system the user password is required.

**Language**: default user language

**Email address**: User email to address alert in case it is configured

Groups

Select in which group the user can access.

System Policies:

Select the actions or parts of the system the user can access or manage. Administrators have all selections enabled.

User groups

Groups are at the base of the system policies and access rights. All maps, resources and objects must be part of one group in order to grant access and visibility to the users. Each object, map or resource can be part of only one group. Each user can be part of one, more or all groups to see and manage the resources associated. Administrators are part of all groups and have rights to access to all parts of the system. Here you can see which resources are included in any specific group.
1) Add
Click “add group” to create a new group adding all the Maps/Objects, Drivers and Areas part of that specific group.

2) Delete
Delete a specific group. Deleting a specific group all the resources will be added automatically to the default group.

3) Refresh
Refresh and reload all the configured groups

4) Set as Default
One group can be configured as default group.

5) Groups area
In this section it is possible to find all the configured groups

6) Settings area
In this section it is possible to view all the settings of the selected group in the groups area (5)

- Calendars management
This section manages multi-calendars with holidays, pre-holidays, bank holidays and working days. More calendars can be added for different purposes.

- Manage alarm and sounds
Different sounds can be associated to specific events.

Change password
The connected user can change its own password.

Disconnect
User disconnection

Exit
Exit from the Security Control
The Design menu enables the setup of the maps and the insertion / configuration of the objects.

**1) Maps management**

**a. New map**

Select “New map” to add a map in the system. The Security Control must have at least one map in order to add field resources (sensors, keyboards, panels, etc) to be properly managed.

1) Folder path: folder in which the map will be placed
2) Caption: name of the map
3) Group: select the group in which you want the map
4) Image: selection of the map image file (DWG, BMP, JPG, PNG; ...)
5) Contrast: select the desired contrast or transparency
6) Existing maps tree folders with the complete path. Clicking on a folder the new map will be added to that specific folder.

**b. Delete map**

Delete a map in the GUI. This command will delete the map and all the resources included.

**c. Current maps settings**

Enter the settings of the map (see Figure).
In this section it is possible to change the map image, the path, the name.

**d. Set location zoom**

When the map is added in the system it is possible to setup the start view of the map itself selecting the desired zoom and position level.

**e. Set home map**

Each map can be setup as “home map”, only one “home map” can be present.
2) Views management

For each map it is possible to create preset zoom views in order to have more “submaps” in the map. The operator can select manually the “submap” or the system can automatically zoom in case of event. It is possible to create more views and the system, in case of event, zoom to the closest and smallest view where the alarmed device is placed.

   a. New views

Creation of a new view in the selected map. Each view must have a unique name.

   b. Show views

All the views present are displayed (see image)

With right click on the maps tree it is possible to Delete, Rename or Redefine the view area

3) Objects management

The objects have to be added to the maps in the system in order to be tracked properly. A sensor not present in any map in case of alarm gives a generic alert to the system.

Each object can be placed only in one map, it is not possible to place the same sensor in different maps.

In case of multilayer maps (maps in maps) it is possible to create “macro area” that includes some or all sensors present in that area.
a. Sensors properties

Select the **Sensors** command, in the menu area
Click with the mouse positioning the Sensor icon on the map

**Tab - General**
**Sensor ID**: Global ID in the system
**Sensor Number**: Sensor label
**Building**: Label
**Description**: Sensor description
**Alarm Priority**: Priority of the alarm
**Shows alarm on**: Select the Macro Area
**Group**: Select the group to which it belongs
**Alarm ringtone**: sound related to the event
**Silence after**: time to switch off the alarm sound
**Symbol**: Select the interactive icon to show on the map

**Tab - Settings**
**Device**: device to which it is connected
**Zone**: zone to which it belongs

**Tab - Deliveries**
Operator deliveries in case of “alarm”, “tamper” or “failure.
More deliveries (multilingual) can be added
It is possible to select, from the list, which delivery needs to be applied to each event

**Tab – Digital Outputs**
Activation of digital output in case of event.
b. Sensors group

Select the **Sensors group** command, in the menu area
Click with the mouse positioning the Sensor icon on the map

**Description:** name of the sensor group
**Add:** sensors or parts to display as a single alarm
**Remove:** remove the selected sensor from the list

![Sensors group](image)

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c. Perimetral track

Select the **Perimetral track** command, in the menu area
Click with the mouse to positioning the track icon on the map. Each click is a vertex of the track. “Esc” to enter in the track setup.

**Sensor ID:** Unique ID in the system
**Sensor Number:** Sensor label
**Building:** Label
**Description:** Sensor description
**Alarm Priority:** Priority of the alarm
**Shows alarm on:** Select the Macro Area
**Group:** Select the group to which it belongs
**Alarm ringtone:** sound related to the event
**Silence after:** time to switch of the alarm sound

Refer to a) “Sensors properties” for Tab:
Settings
Deliveries
Digital outputs

![Perimetral track](image)
d. Text

Select the **Text** command from the menu area. Click in the position you want to add the text. Complete the related configuration box.

![Text properties](image)

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e. Links to maps

Select the **Link** command from the menu area. Click on the map at the position where you want to add the link to another map.

- **Text**: Label of the link
- **Description**: Select the map of destination (only map can be selected, not views)
- **Text Color**: Select the text color

![Link properties](image)

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f. Digital outputs

Select the **Command** selection from the menu area. Click on the map where you want to add the button.

- **Button Text**: Text displayed on the map
- **Group**: Select the group to which it belongs
- **Identifier**: Button ID
- **Building**: button label description (max 10 ch)
- **Description**: Brief button description (max 10 ch)
- **On/Off**: change status on each mouse click
- **Tempor. Pulse**: Impulsive for a limited configured time
- **Pulse**: follow the mouse click status

![Digital output properties](image)
g. Macro area (points)

Select the Macro area (points) command
Click with the mouse to positioning the Macro Area icon on the map

**Description:** add the name of the Macro Area

![Macro area (points) properties](image)

h. Macro area (tracks)

Select the Macro area (tracks) command
Click with the mouse to positioning the Macro Area icon on the map

**Description:** add the name of the Macro Area

![Macro area (tracks) properties](image)

**Design special features**

**Move objects between maps**

This feature allows to move sensors between maps in order to optimize the setup process.

1. Choose “Selection” from the “insertable object” commands in Design tab
2. Select one or more resources/sensor on the map
3. Right click
4. Select “move…”
5. Move the selected items in another map
6. Adjust the scale with the mouse wheel
7. Press “Enter to release the selected items
User Guide

Main window - Menu area (Browsing)

Browsing

1) User logged information

Information about the logged user.

2) Map view options

Home Map: short cut to view the configured home map
Default view: to select the default view of the displayed map
Show full map: to view the full map, in some cases the default view is the full map

3) Logs

Alarm log:

The alarm log panel can filter the event search by:

- Alarm type
- Event type
- Date/time
- Building
- Sensor number
- Description
- Area name
- Alarm Text
- Alarm message
- User name
- Acknowledge date/time
- Deliveries
- Deliv. closed
- Annotations

This log shows all the alarms/events tracked by Security Control.
Advanced search tools are included in this panel to help the user to find any specific alarm/event. The search results can be exported in excel file or printed in a pdf file or directly to a printer. The selection of the event in the filtered list shows all the details, operator deliveries included.

Event log:

All the system events activities are tracked and displayed in this module. Advanced search tools are included in this panel to help the user to find any specific alarm/event.

It is possible to filter by:
- Event Description
- Date/time
- User

The search results can be exported in excel file.
4) Areas management

The user can view the area’s main characteristics and in case permitted turn it on/off. The system sends the command and wait for the panel answer.

5) Alarms status overview

Alarm status: it shows the objects status filtered by areas, schedule etc, only when the alarm panel is armed.
Actual status: It shows the real status of the object (active, alarmed, etc) even if the alarm panel is not armed.
Specific drivers could add new overviews more than Alarm and Actual status.

Main window - Maps tree

Interactive Maps’s tree. Here is present the list of the selectable maps, depending on the user rights. Maps and views can be selected directly by the user to be shown in the Current Map window. The shown map is highlighted.
Main window - Active alarms and system alerts

A list of the actual events is displayed. In bold the events not yet managed.

Main window - Current map

The current map shows the selected map with the objects status. Each object has “Alarm status” and “Actual status”:
“Alarm status”, shows the icon status only in case of the system is armed;
“Actual status”, shows the icon physical status.

The user can manually select the desired Map or View from the Maps tree. In automatic mode, when the operator manages the incoming alarm, if the logged operator has the rights, the map with the sensor appears with the status of the alarmed objects.

The operator can interact with the displayed map, pan (click and move) and zoom in/out (mouse wheel). The operator with the proper rights can manage directly the objects present on the map:
Select the object

Example:
Open a selection menu with a right click on the object/device. The menu will show commands enabled for that specific object/device.