

User Manual

Vers. 0.12E del 10/11/2012

Multi Partition Control Panel

HyperPower

CMHP8



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1. Overview

HyperPower is a multi-partition system based on a central unit and on remote modules. This manual describes the options that user can manage on the local console and on the remote pc-installed console. The two modules are different only for the connection modes, as explained in the next pages. The specific functions of the installation are defined by the installer in configuration, as referred in the configuration software manual.

2. Interface Modules Activation

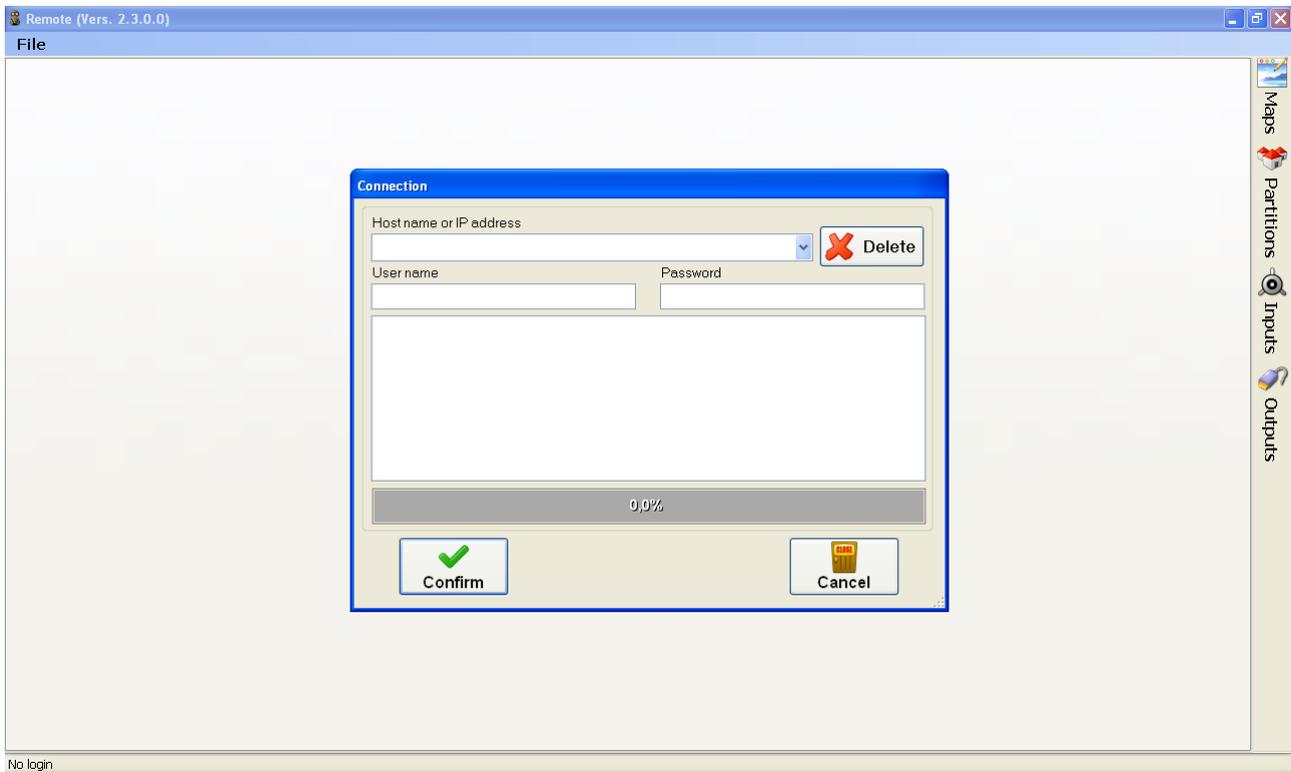
The interface module on the main console is automatically activated at the switching on of the control panel, and it is immediately ready for use.

The software modules **RemoteHyperPower** were installed on the PC in LAN or WAN mode and they could be activated with standard windows procedures (placed in automatic execution folder to launch it at the windows start-up or launched it handly, via double click on the relative icon).

The RemoteHyperPower application requires the presence of a USB security key, removable for an even higher level of security. Furthermore, each key defines the options enabled and then allows customization of the menu (see "Manual Configuration").

2.1 Remote console connection

The procedure requires to enter a personal password, which must be recognized and validated by the control unit to enable the connection and the communication.



This user and password entry enables only the start-phase of the program and is not used as login (see next paragraph),

Please note that it is not required to have any configuration data on the remote PC because the RemoteHyperPower software downloads automatically all needed data from the main control panel. At every connection, the software check the previously downloaded data with the actual data on main control panel and downloads only updated data.

3. Graphical Interface

In the main screen, the central area displays a graphical map. At startup, the first configured map is showed and is taken as active map.

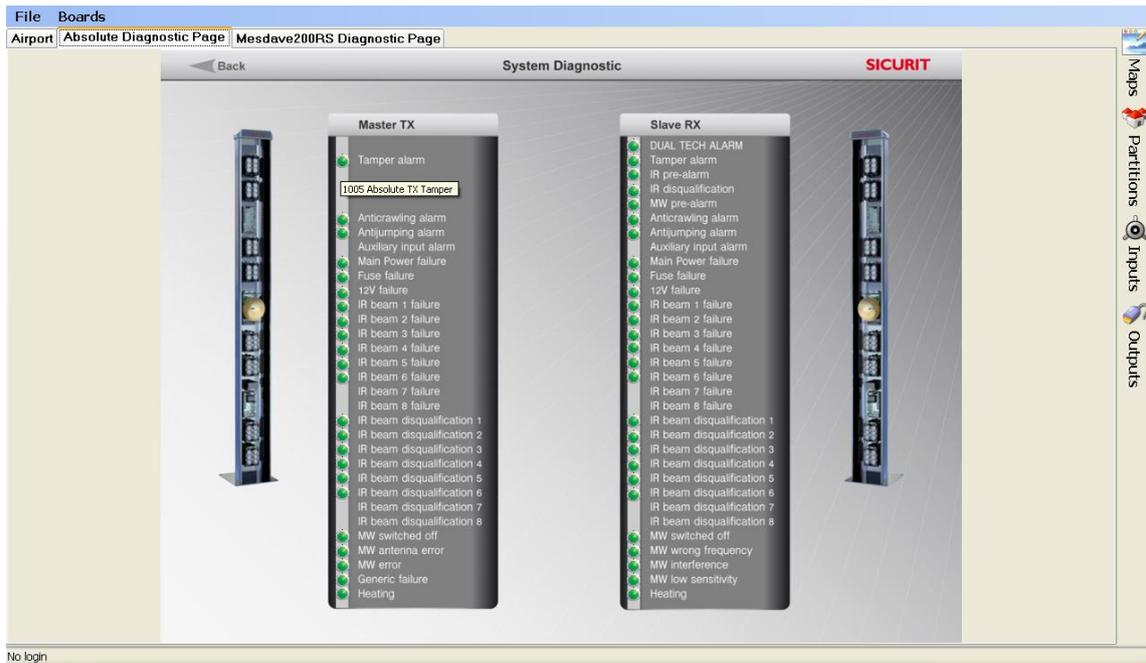
As shown in the picture below, the following options are available:

- Top bars :
 - Main menu. The File option is always present, all other menu items are optional and user-configurable from configuration software
 - Tab strip for map selection
- Right bar :
 - Fly-out panels with informations about maps, partitions, inputs and outputs



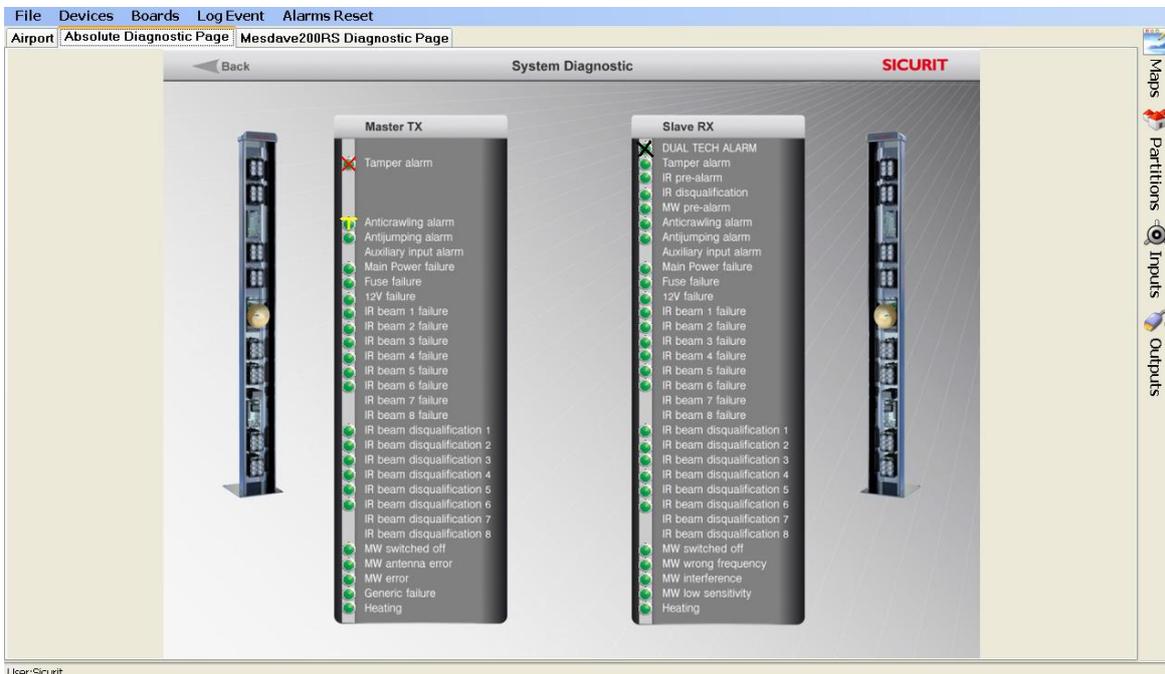
The configured controls (inputs and outputs) are shown as icons, which are updated in real time according on the state of the relative control (closed, open, alarm, tampered, etc.).

By pointing the mouse over an object, the related description and item number are shown.



Special symbols are applied on the objects to indicate non standard situations:

- disabled controls are marked with a red “X”
- controls belonging to a disabled board are marked with a black “X”
- inputs subject to “test” are marked with a yellow “T”



By a right-click of the mouse on an control, a context menu appears, with the following options:

- Enable enables the input/output
- Disable disables the input/output
- Enable Test enable the test mode for inputs instead of alarm mode
- Disable Test disable the test mode for inputs
- Show numbers displays the configuration number of sensors and outputs
- Hide numbers hides the configuration number of sensors and outputs

Each option is allowed or inhibited according to the level of authorization of the user.



4 Menu File

The "File" menu is the only fixed menu: it let the user able to access the service functions.

4.1 Connect to remote host

In case of multiple applications or remote monitoring of more installations, this option enables you to change the connected unit.

4.2 Messages and Logs

This option shows any system fault/alarm: the feature is only useful for maintenance.

4.3 Transactions debug

Note: this function is available only on main control panel.

The function is reserved to the installer and it allows the monitoring of transactions for development and debugging of advanced configuration.

4.4 Login / Logout

These options allow the user to identify itself in order to gain access to protected menu items or functions. The system configurator has the option to choose which operation is password protected and which user group can access a specific feature.

After login, the password is retained active for 15 minutes after the last use of a protected function. After such time, the system logs out automatically the user.

The Logout function should be used when leaving the workplace to prevent the use of procedures from unauthorized person



4.5 Aspect ratio

This option affects how the map is displayed. By selecting "keep proportions", the horizontal and vertical proportions are respected, i.e. the map is not distorted. As a side effect of this choice some blank area may appear on the side of the map.

Deselecting this option cause the map to fill the entire available space, but this may produce a distorted image depending on the actual size of the main window.

4.6 Exit

This option stops the program. On the main console, this coincides with the complete shutdown of the system: the procedure is intended only for maintenance and it require a top level password ("System Administrator").

On remote console, you can freely perform start/stop of the connection without affecting the system activity.

5 Configurable Menu

The menus are defined by configuration software and they are presented at runtime as a standard scrolling windows menu. The following description is an example that have the goal to illustrate the available functions.

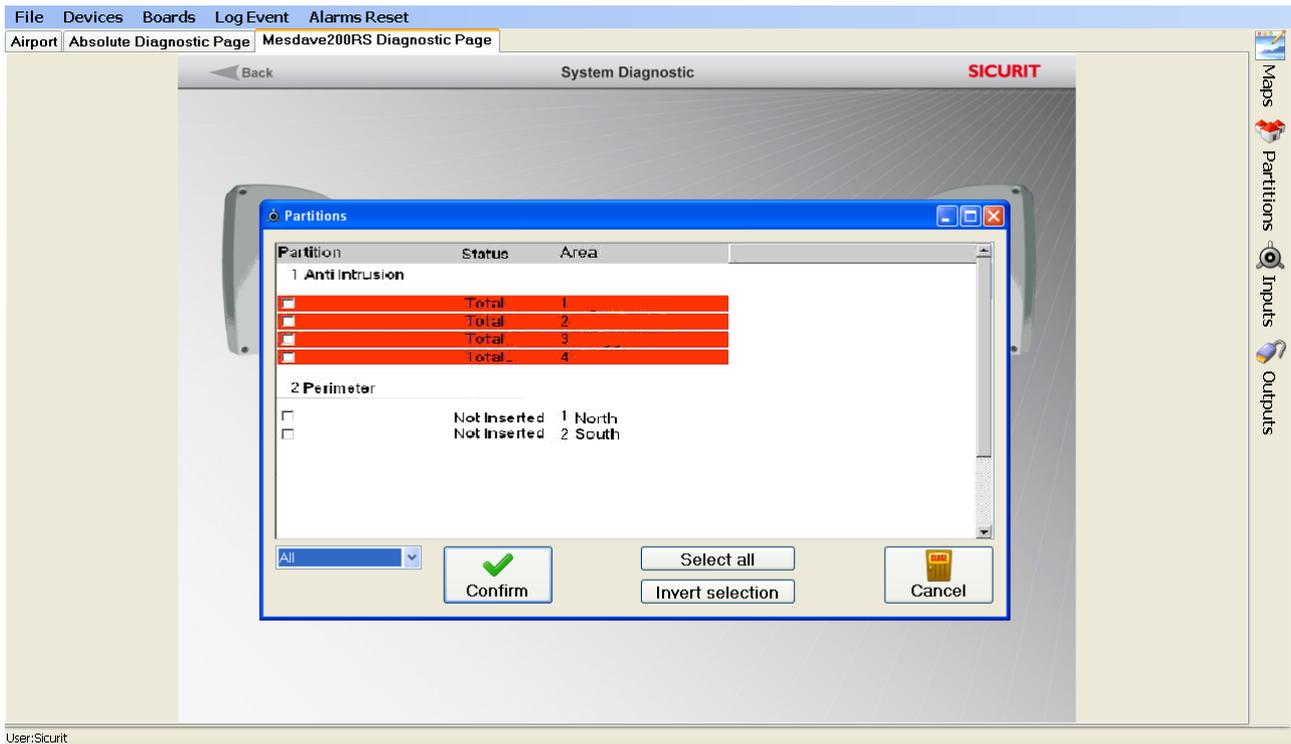
Please remember that every menu option can be configured to require a password/group to activate it, this for each single menu and option from the configuration software

5.1 Switching on / off partitions

The system displays the list of partitions/areas that are not already in the chosen status (switched on partial, switched on total, switched off).

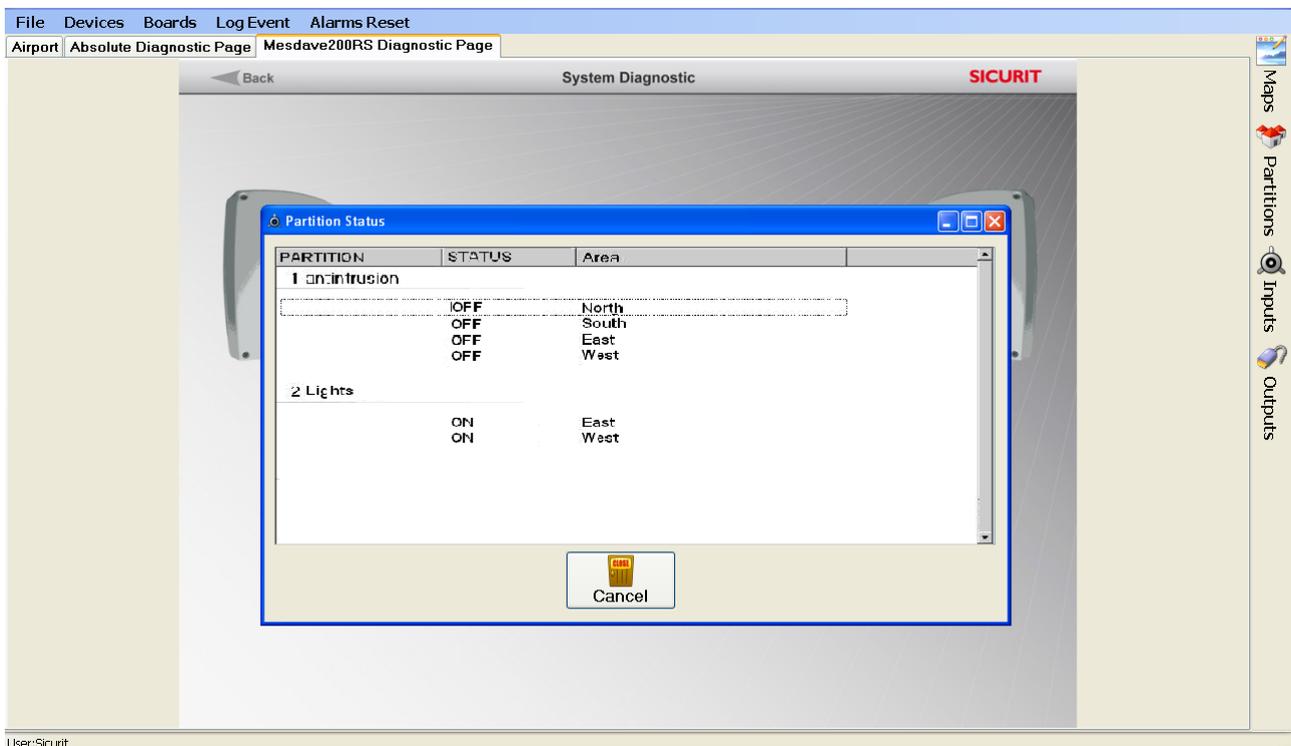
The user selects the partitions/areas to be switched and next he had to confirm the status change from the "Confirm" button.

User can also select All or invert the current selection with the relative buttons.



5.2 List of Areas Switched ON / Switched OFF

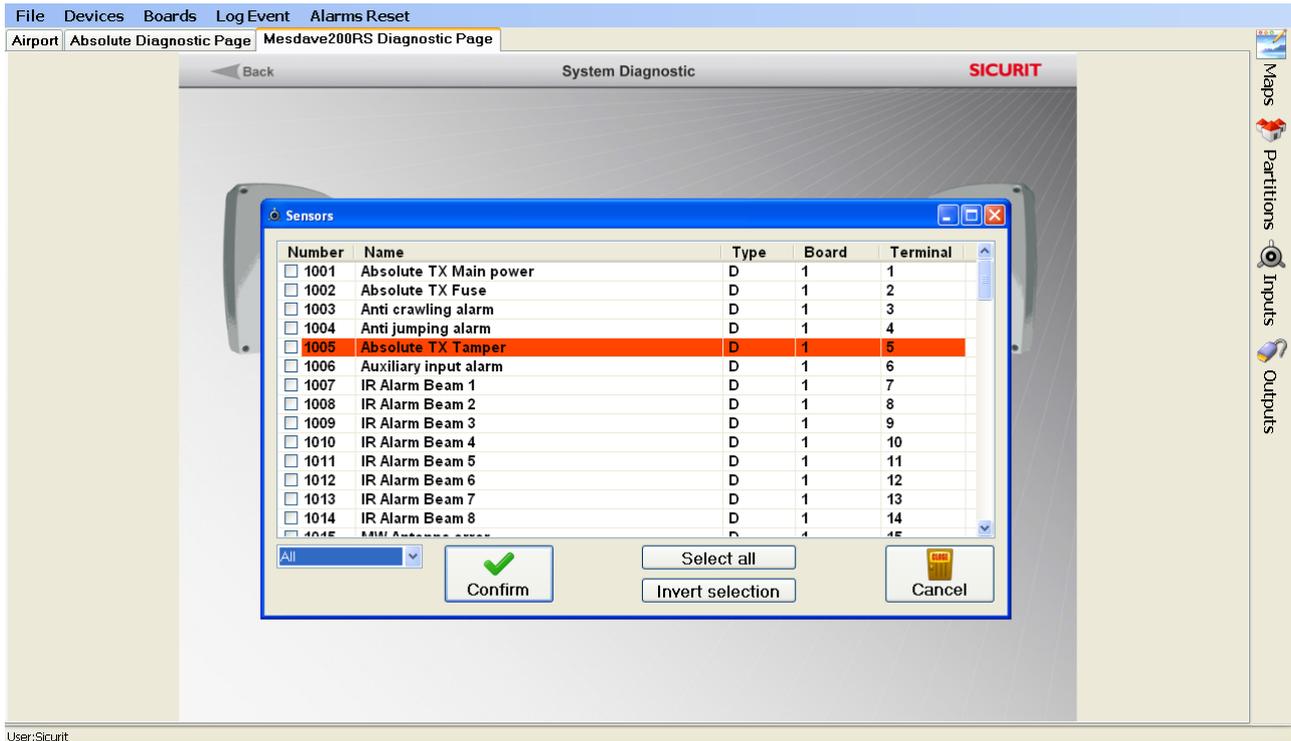
This option displays the partitions/areas actually in the selected status.



5.3 Enabling / disabling sensors

The option displays the list of sensors that are not in the selected status (enabled, disabled, all).

The user selects the sensors to be switched and next he confirms the status change by the “Confirm” button. User can also select all the sensors or invert the actual selection through the relative buttons



5.4 List of disabled Sensors

The option displays the list of sensors actually disabled.

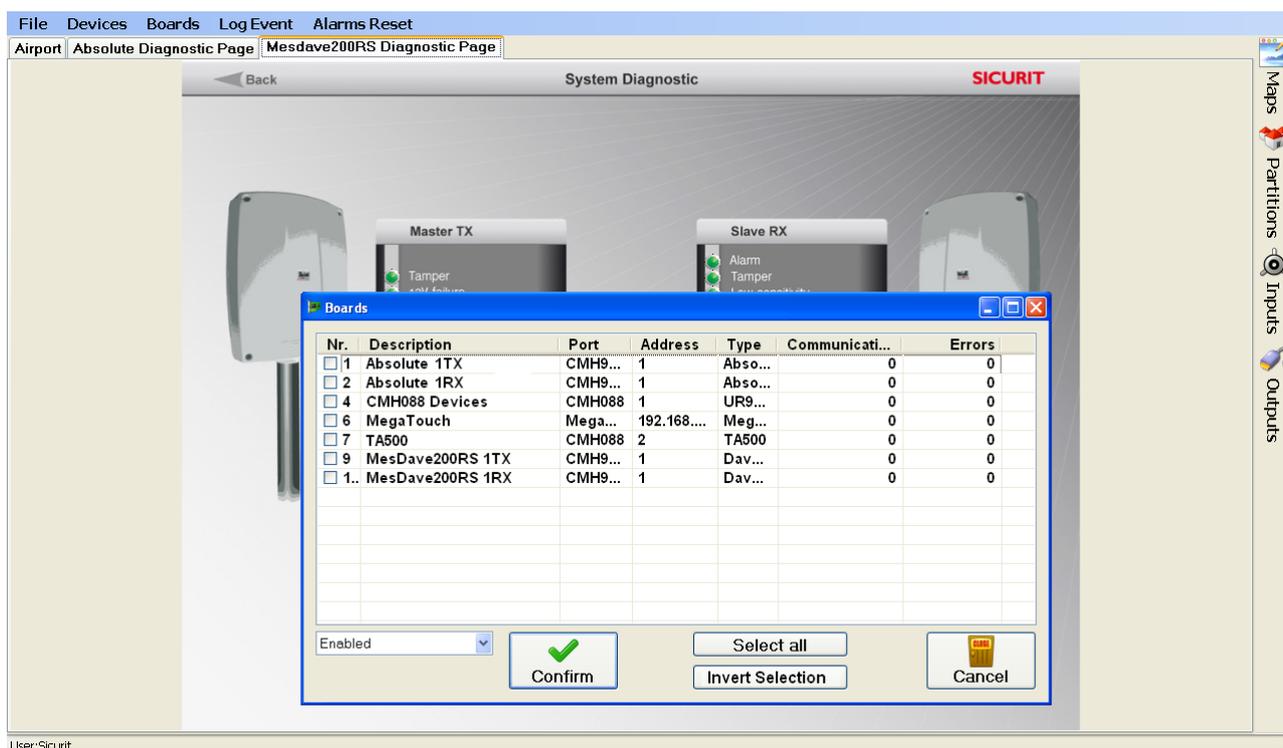
5.5 Enabling/Disabling Boards

The option displays the list of the boards that are not in the selected status (enabled, disabled, all).

The user can select the boards to be switched and next he confirms the status change from the “Confirm” button.

A “Select All” option let you able Select all the displayed boards

An “Invert Selection” option let you able to invert the actual board selection



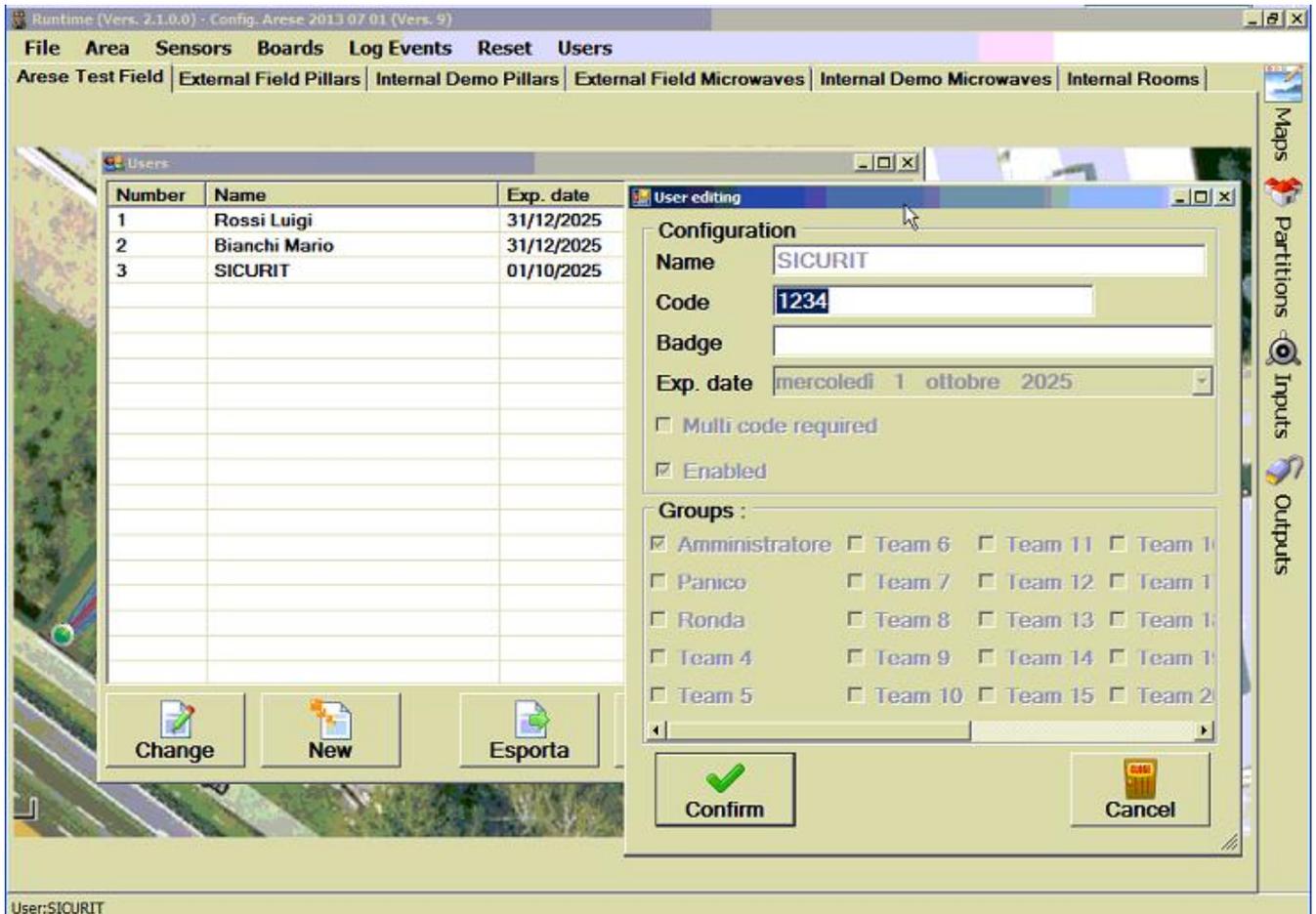
5.6 List of disabled boards

This option displays the list of boards actually disabled.

5.9 Users

This option allows a user to access to the his user account to change his password.

An user belonging to Admin group will also have access to the accounts of other users to change any property (date, user-group, permissions) or to create new users.



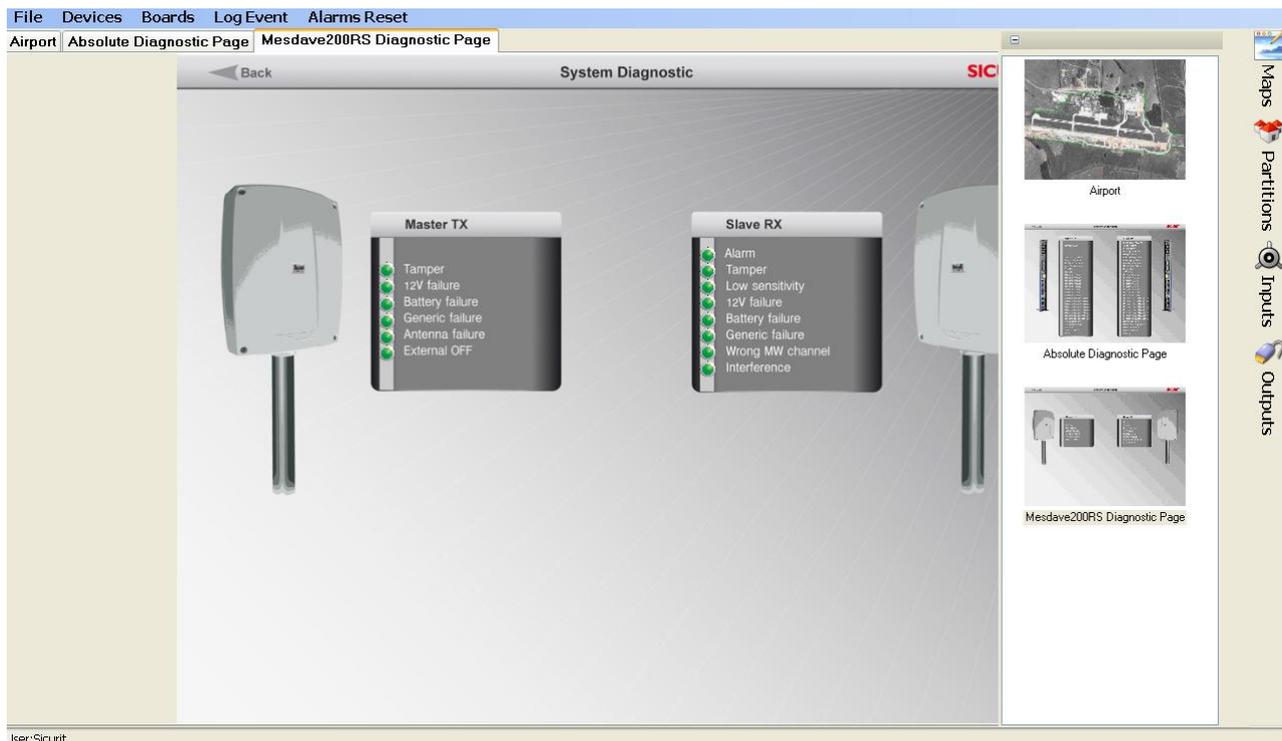
6 Fly Out Panels

The fly-out panels present on the right side of the screen allow the user to quickly locate system items like inputs, outputs, change map and show/change partition status

6.1 Maps

This option presents thumbnails of all the configured maps and allows you, with a simple click, to show the desired map.

Alternatively you can use the tab strip placed just below the main menu.

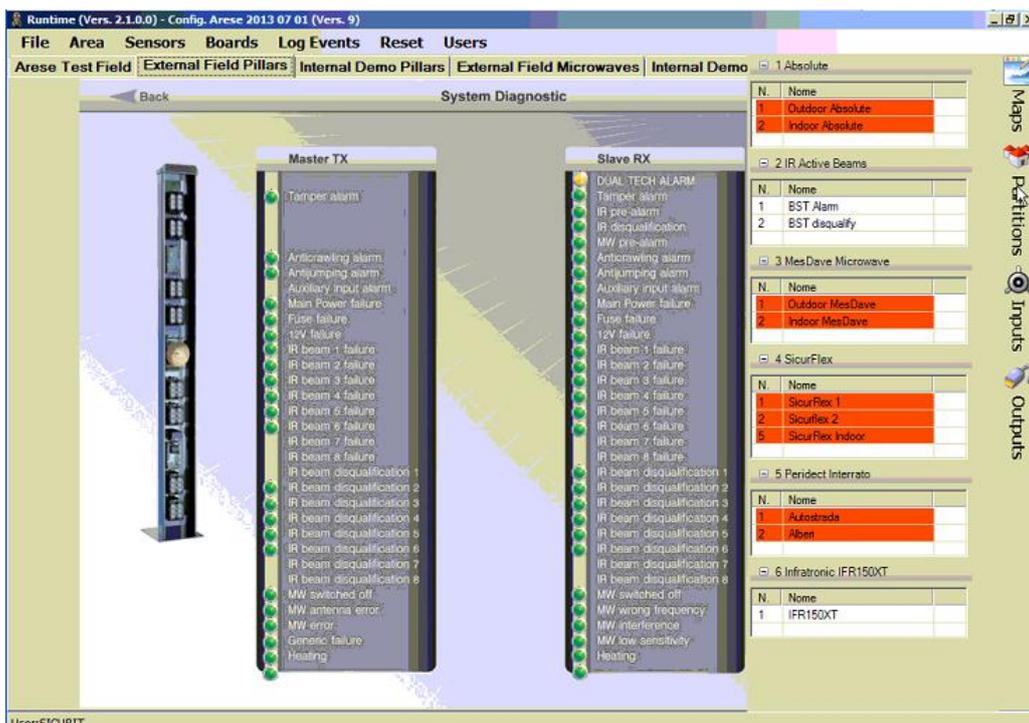


6.2 Partitions

This panel shows the list of the configured partitions/areas.

The background colour indicates the status of each area:

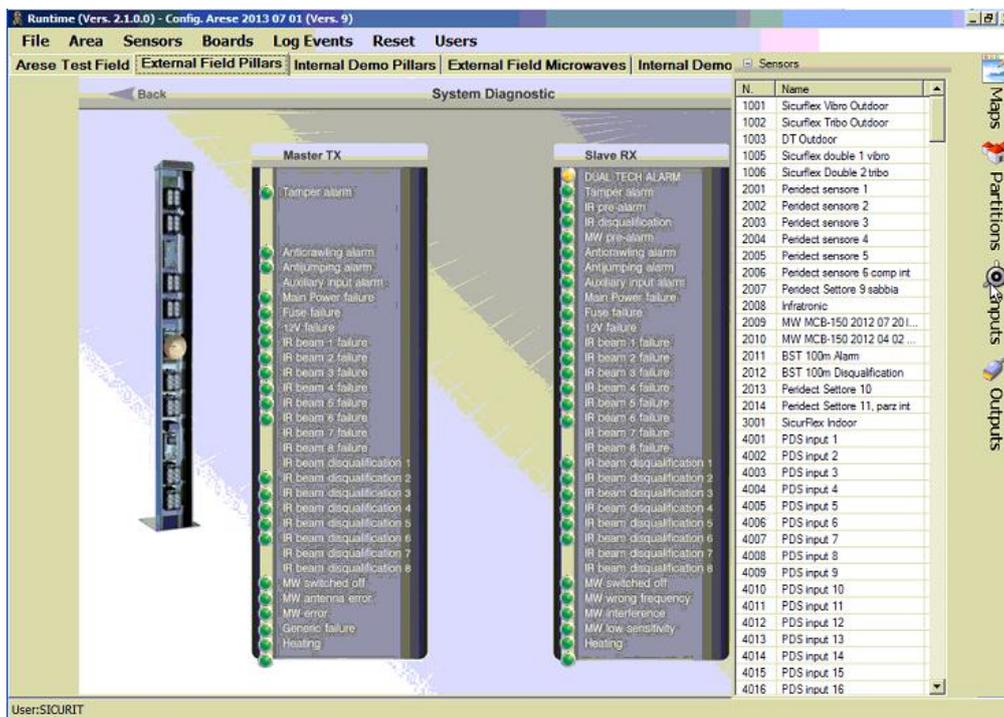
- white : area switched off
- yellow : area partially switched on
- red : area fully switched on



6.3 Input Sensors

This panel shows the list of the configured inputs.

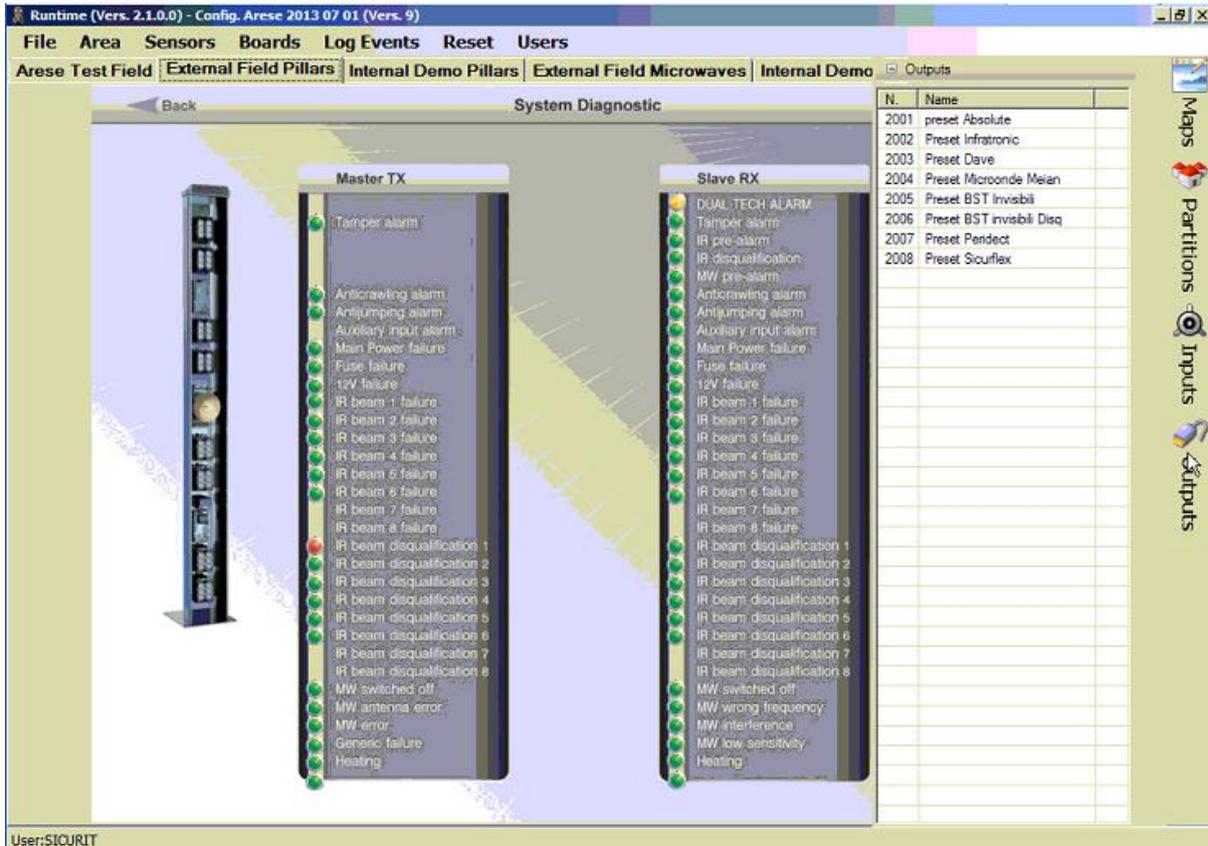
By a double click on the description of the input you can locate the input itself: the proper map is showed and the input blinks for some seconds, facilitating a quick and easy location.



6.4 Output

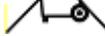
This panel shows the list of the configured outputs.

By a double click on the description of the output you can locate the output itself: the proper map is showed and the output blinks for some seconds, facilitating a quick and easy location.



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