Instruction manual for the Configuration Software of Conventional panels type FS5100/FS5200

Using the FSC.exe application the user is able to review and set the parameters of the UniPOS Conventional panels **FS5100 and FS5200** from a PC, through a RS232 serial communication interface.

For this purpose the user should use a Module RS232/485 and cross cable (RX↔TX, TX↔RX, GND↔GND) with DB9 female connectors.

1. Installation procedure

The installation is executed from the FSC.msi file. In the standard step-by-step installation procedure the installation folder is optional. When the installation is finished you have the following desktop icon:

The default language of the application is English. The language is optional and can be changed from menu “Edit → Languages”:

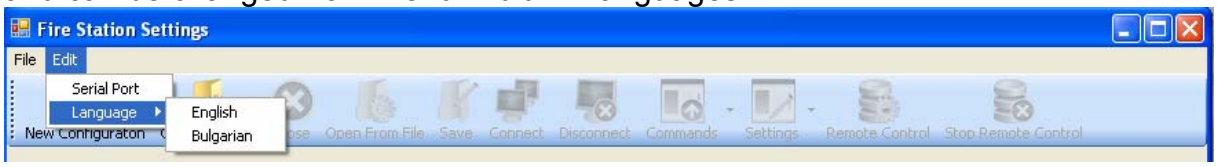


fig.1

2. Edit the communication COM port

The COM port is optional from menu **„Edit→Serial Port”**. On the display you will have the following pop-up window (fig.2):

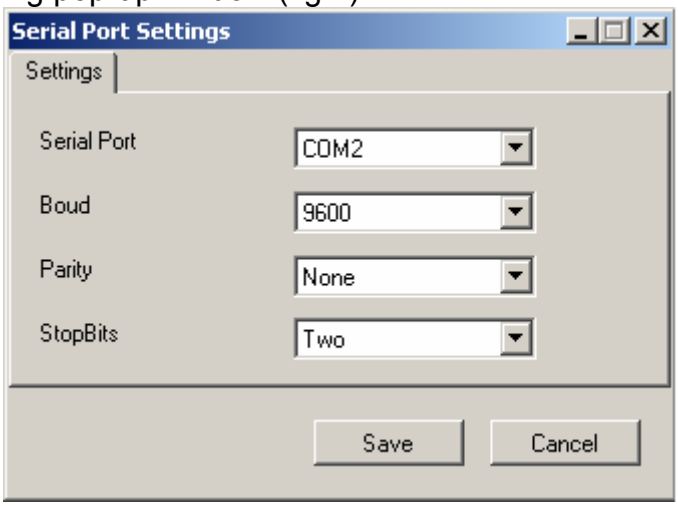


fig.2

The default communication speed in both type of panels (5100 / 5200) is baud rate 9600.

3. Choose the type of the panel

From menu **„File→New configuration”** or from the button tab **„New Configuration”** you have to choose the type of the panel and the panel's detail hardware configuration you will edit.

On the display you will have a pop-up window with all the available type of hardware configurations (fig.3).

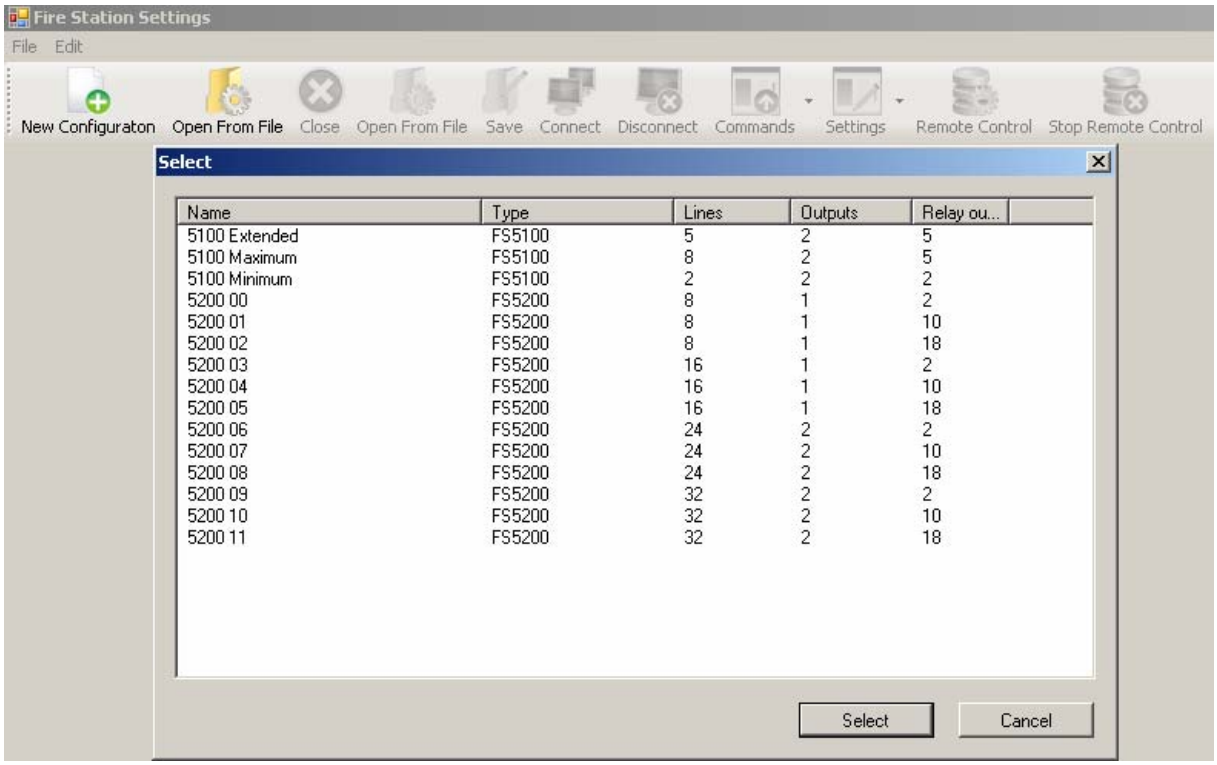


fig.3

After you choose the hardware configuration type then the window on fig.4 is displayed:

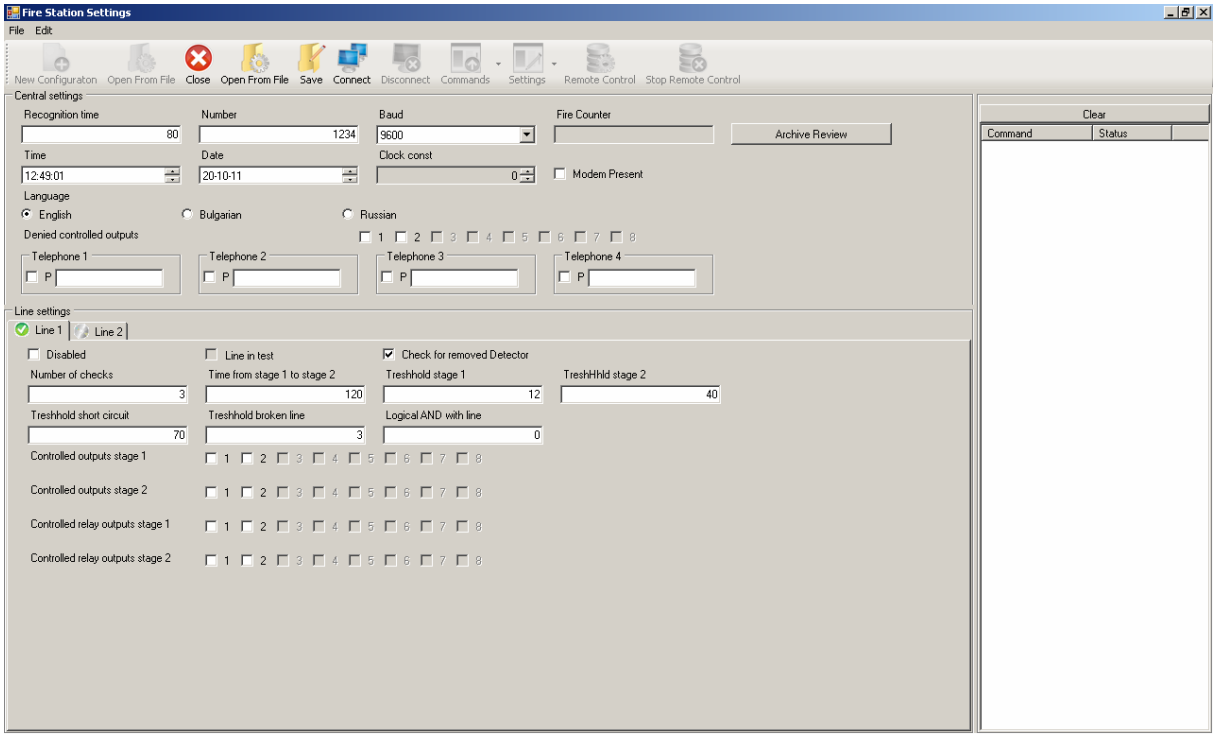


fig.4

The values in the parameter fields on fig.4 are default values.

The common parameters of the panel are displayed on the top half of the window (fig.5)

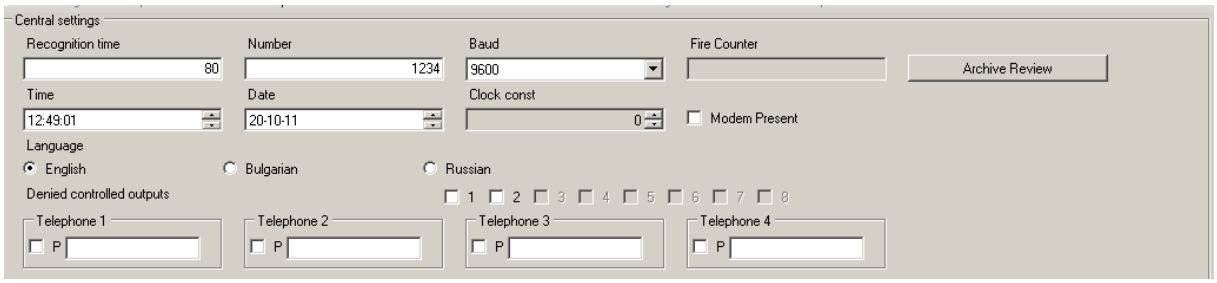


fig.5

The individual parameters of each conventional line are tab-displayed on the bottom half of the window (fig.6)

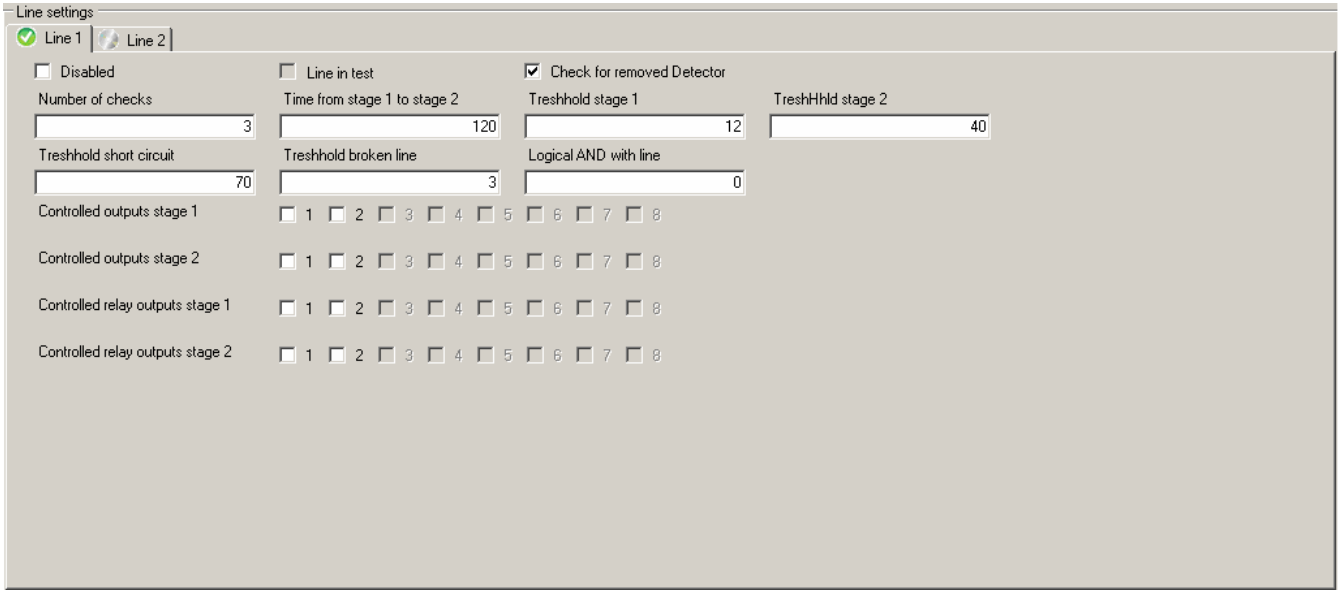


fig.6

The parameters can be edited only in the predefined range, in accordance to the panel's configuration limits. On wrong symbol input, next to the field a pop-up message will be displayed defining the correct value range (fig.7).

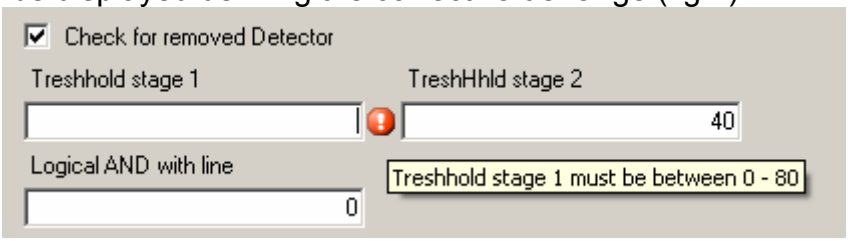
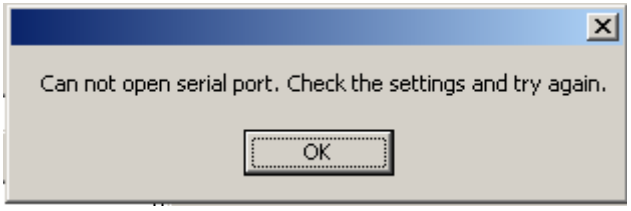


fig.7

4. Connect to the FS5100 / FS5200 panel

After you choose the COM port and baud rate, you have to press the button **"New Configuration"** and choose a hardware configuration type corresponding to the type of the panel you are connected to. Then you have to press the **"Connect"** button. If the COM port settings are wrong or there is some other reason for lost of connection you will have the following pop-up message:



On successful connection with your panel (fig.8) the following window should be displayed:

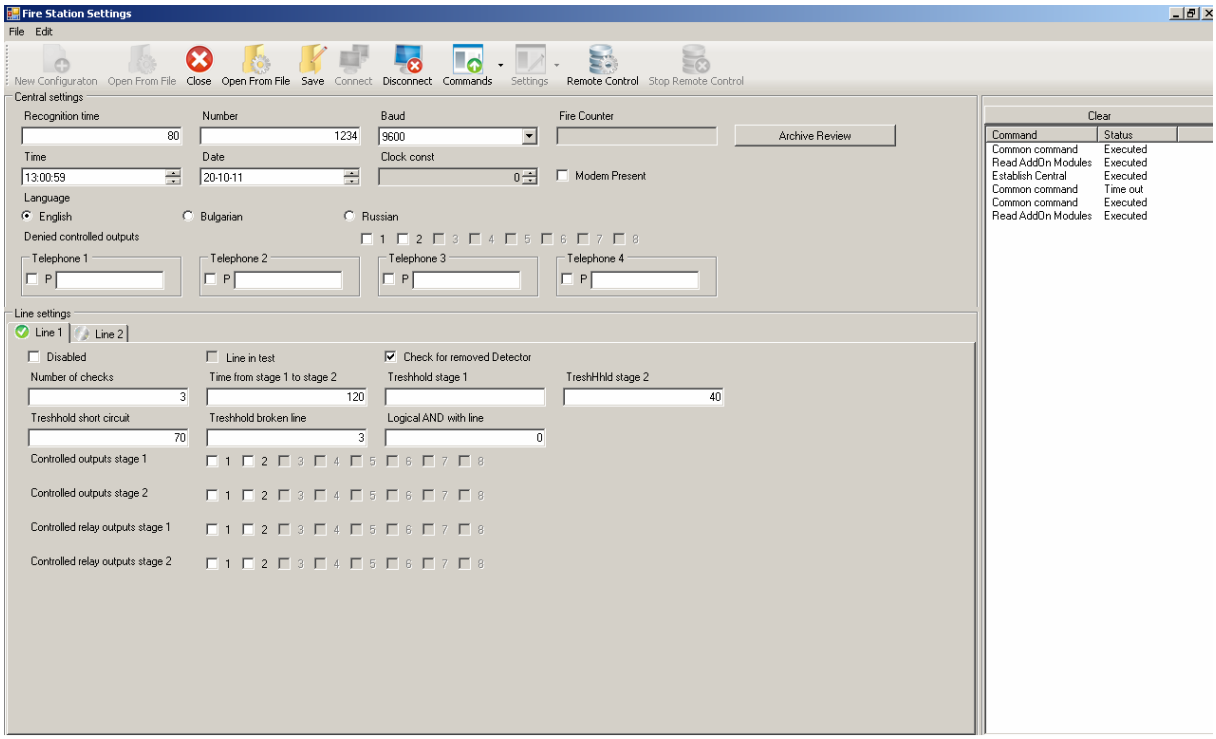


fig.8

On the right side you will have a dedicated field for the commands sent to the panel and their execution status.

5. Download / Upload FS5x00's panel configuration

From the Button bar you have to choose the **"Commands"** button, as a result you will have a list with all the commands you can send to the FS5100 / FS5200 panel. Most of the commands are relevant to the download (read) the panel's parameters and line's parameters.

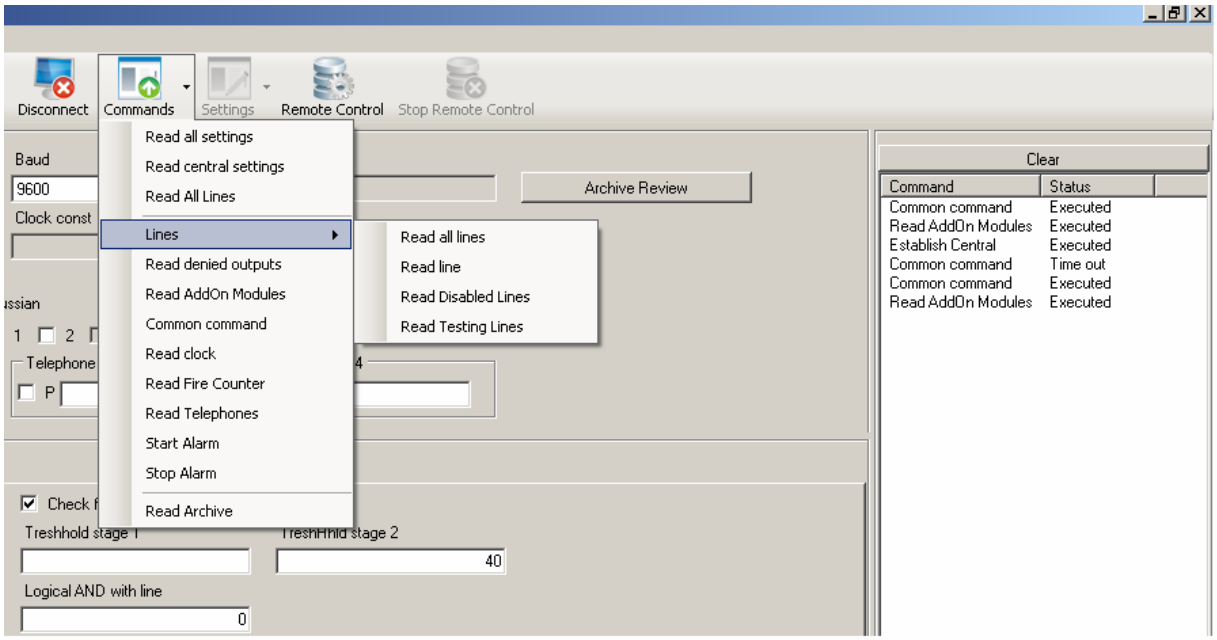


fig. 9

In order to upload the edited configuration in the panel you have to switch the panel in Remote mode from the **"Remote control"** button. As a result the **"Settings"** button is active for execution. When you press the **"Settings"** button you have a list with all the parameters you can upload in the panel (fig. 10).

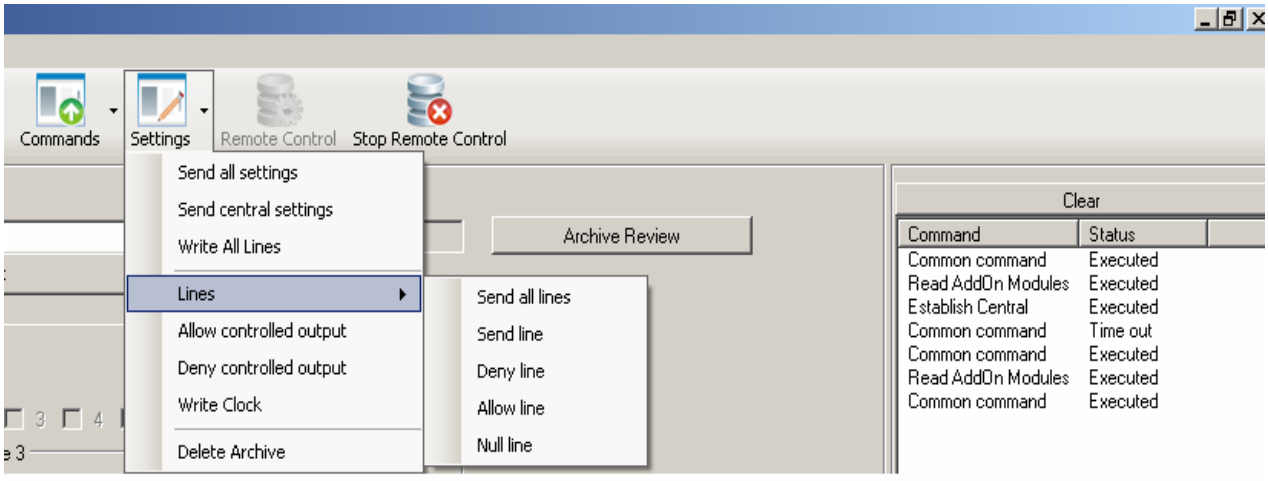


fig.10

6. Save the configuration in a file:

After you download and edit the parameters of the panel and the lines, you can save the configuration in a file from the button **"Save"**. As a result in user optional folder you can save the configuration as a .xml file. In order to open an existing configuration file you have to press the button **"Open from file"**.

7. Download, delete and save the panel's event log

7.1. Download an event log

After you make a successful connection with the panel from button **"Commands"** you have to press the **"Read archive"** command (fig. 11).

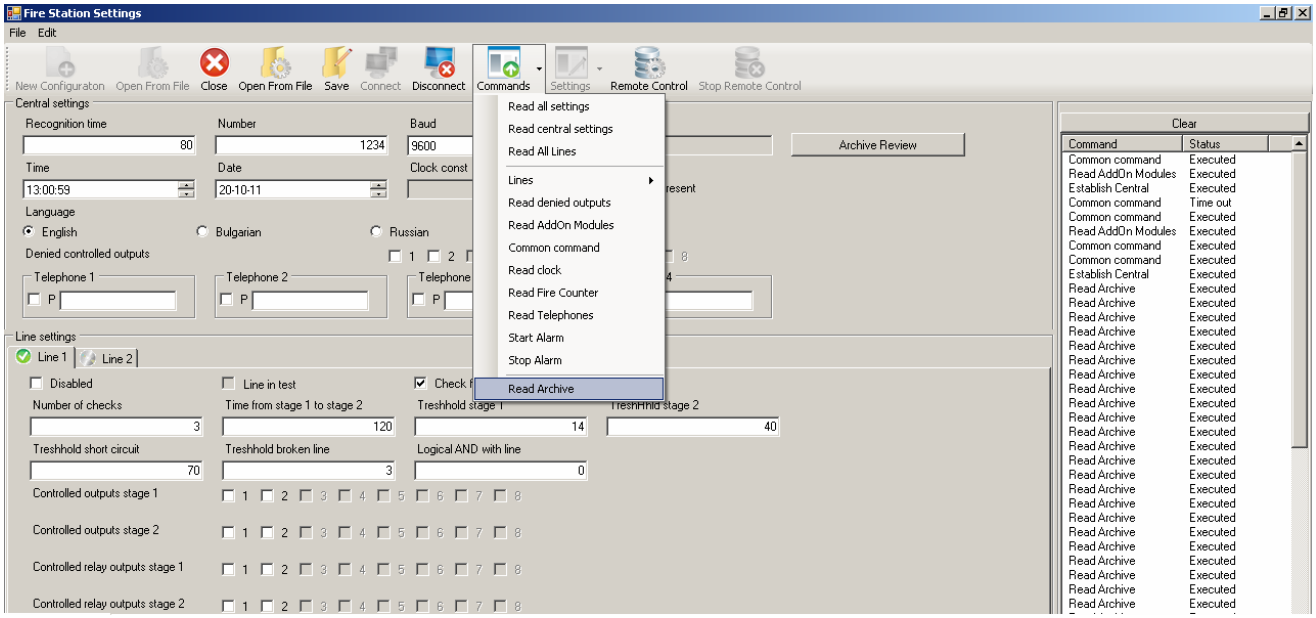


fig.11

After successful command execution you will have a window with all the events present in the event log of the panel (fig. 12).

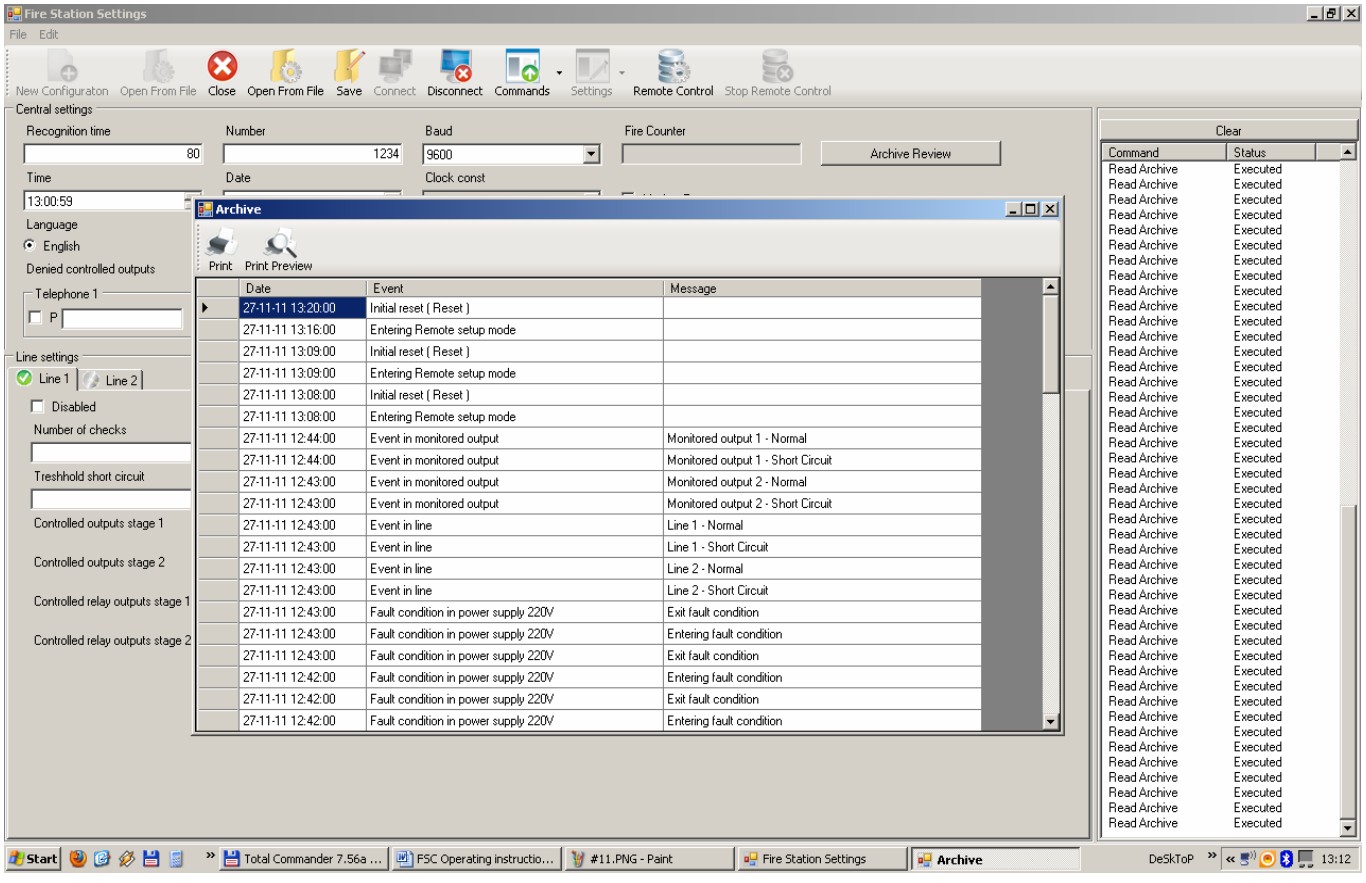


fig.12

For additional archive review you can choose the button **“Archive review”** (fi.13).

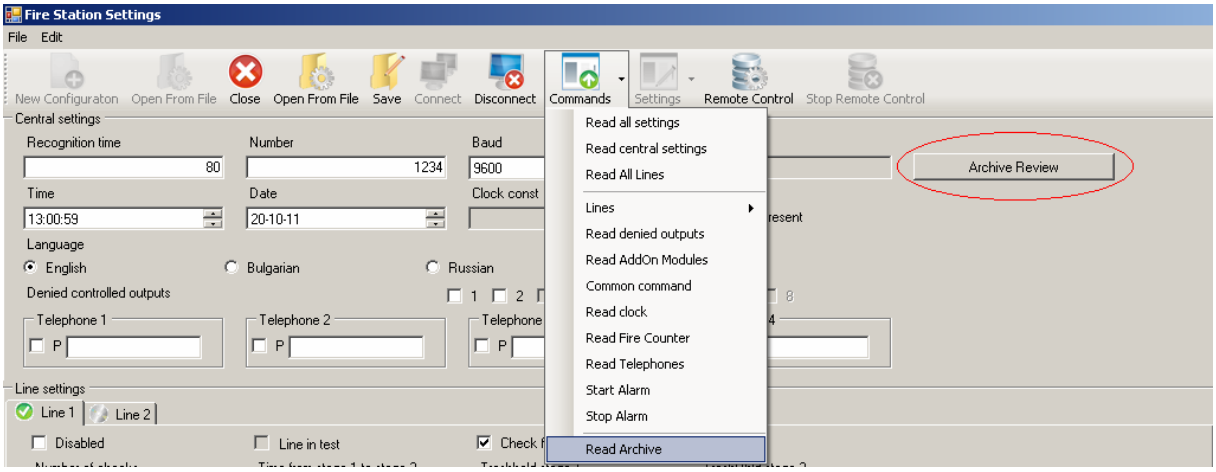


fig.13

7.2. Delete an event log

To delete the archive you have to access the panel in Remote mode from the button **“Remote control”**. From menu **“Settings”** you have to choose the **„Delete archive”** button (fig.14).

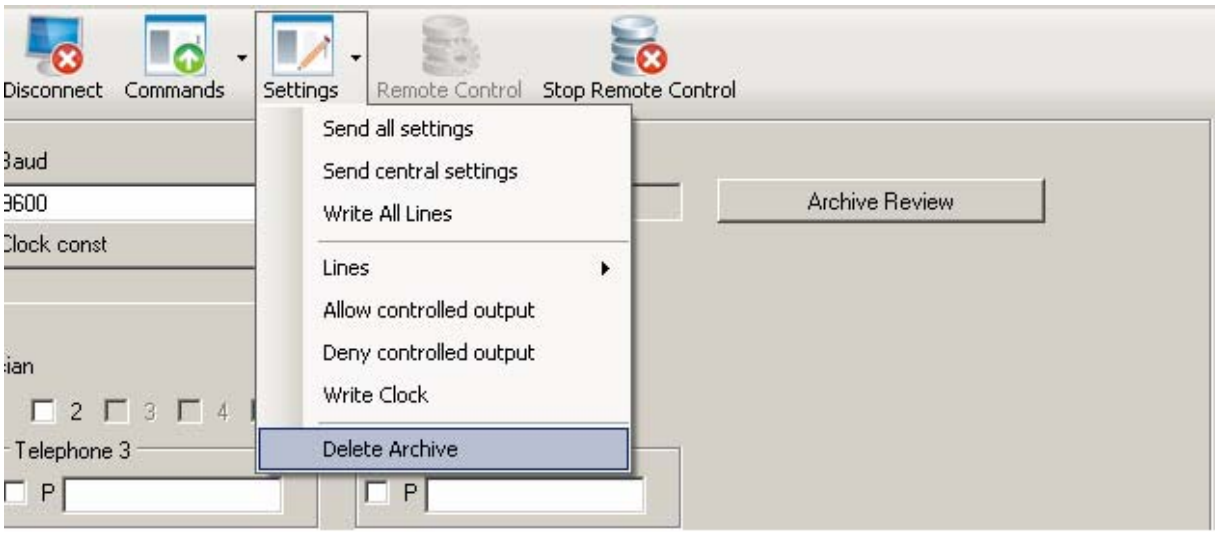


fig.14

7.3. Save an event log

The event log is part of the configuration .xml file (point 6 of the manual). On loading of the configuration file (“Open from file”) and execution of the **“Archive review”** button (fig.13) you will have the full list of already saved events.