1.1 General description

A standard automatic fire system has multiple devices connected to the panel controller. After physically installing the complete system with its peripheral devices, the installer of the system integrator (further called “installer”) needs to configure the system in FSP-5000-RPS (further called “RPS”).

In most cases the installer would do an auto detection and start to label every single device by clicking on them. The action is time consuming and can lead to missing labelling some devices.

By having now the export and import function in RPS, the installer can do an auto detection (or manually add the devices) and then start labelling the devices in XML, CSV or XLSX format. With this the installer can easily add/change any label of any device. This reduces the complexity and time.

The feature is available for accounts greater or equal than panel FW3.1 (of any fire panel) under the operations menu.

HINT: Precondition is to first add devices on the loop (via auto detection or manually)

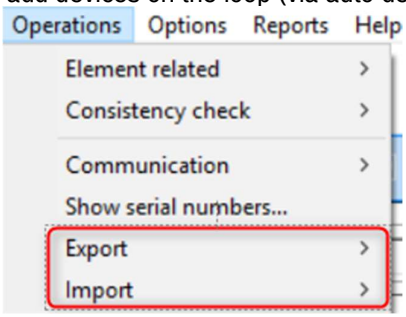

Figure 1 – Access menu

All the devices existing in a loop that support the concept of groups (e.g. points, NACs, status, ...) are handled by this feature. However, in order to take them in account when using the export feature, each element must have a sub number not equal to 0.

1.2 Export label of devices

General description

The export label of devices can be selection in the operations menu and then select “Export” followed by “Label of Devices”.

Before starting to export the configuration file to label the devices, the installer must configure the system (by auto detection or manually) in order to only perform this action once. Of course the action can always be executed again, when extra devices are added and need to be labelled.

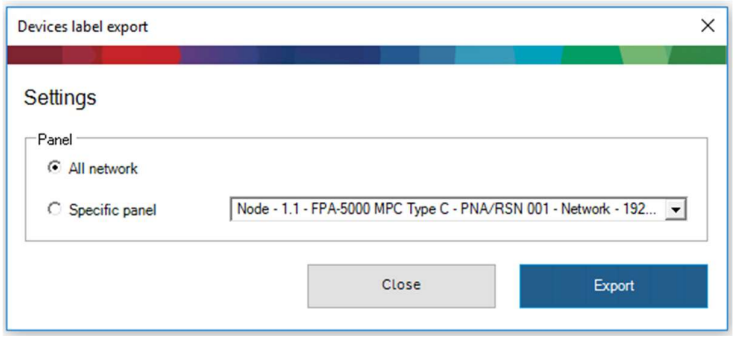

Figure 2 – Export label of devices

After selecting the export option, a dialog appears where it is possible to choose between the devices of the entire network, or only the ones existing in a specific panel. Additionally, when clicking the Export button, a save dialog pops up asking for the file name, its location and format. Currently, three formats are available: XML, CSV and XLSX.

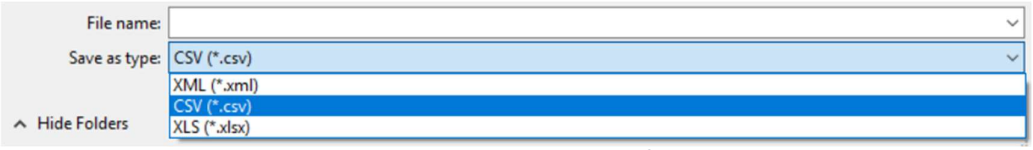

Figure 3 – Selection box displaying which format to choose

HINT: When selecting XLSX, it is required to have Microsoft Excel installed to open the file. Regarding XML and CSV formats, the generated files can be managed with a text editor like Notepad.

Once the task is completed, a message appears giving feedback to the installer.

Figure 4 – Message after exporting

When clicking in the “Open file location” link, the folder containing the generated file is opened.

The Siid: - It correspond to the security item identifier. This element should remain untouched, it is responsible to identify the device position when the file is imported back to RPS.
The Label: – As the name implies, it correspond to the label that can be filled accordingly

Export via XML

```
<?xml version="1.0" encoding="utf-8"?>
<Configuration>
  <Items>
    <Item>
      <Siid>1-1-POINT-5-1</Siid>
      <Label />
    </Item>
    <Item>
      <Siid>1-1-POINT-6-1</Siid>
      <Label />
    </Item>
    <Item>
      <Siid>1-1-POINT-7-1</Siid>
      <Label />
    </Item>
    <Item>
      <Siid>1-1-POINT-8-1</Siid>
      <Label />
    </Item>
    <Item>
      <Siid>1-1-POINT-9-1</Siid>
      <Label />
```

```
<?xml version="1.0" encoding="utf-8"?>
<Configuration>
  <Items>
    <Item>
      <Siid>1-1-POINT-5-1</Siid>
      <Label>First label</Label>
    </Item>
    <Item>
      <Siid>1-1-POINT-6-1</Siid>
      <Label>Second label</Label>
    </Item>
    <Item>
      <Siid>1-1-POINT-7-1</Siid>
      <Label>Third label</Label>
    </Item>
```

Figure 5 – Visualisation after exporting in XML and after adding text

Export via CSV

```
Siid,Label
1-1-POINT-5-1,
1-1-POINT-6-1,
1-1-POINT-7-1,
1-1-POINT-8-1,
```

```
Siid,Label
1-1-POINT-5-1,First label
1-1-POINT-6-1,Second label
1-1-POINT-7-1,Third label
1-1-POINT-8-1,Fourth label
```

Figure 6 – Visualisation after exporting in CSV and after adding text

Export via XLSX

	A	B
1	BOSCH	RPS Import/Export Creation Date: 2020/08/21
2	Label of devices	
3	Siid	Label
4	1-1-POINT-5-1	
5	1-1-POINT-6-1	
6	1-1-POINT-7-1	
7	1-1-POINT-8-1	

	A	B
1	BOSCH	RPS Import/Export Creation Date: 2020/08/21
2	Label of devices	
3	Siid	Label
4	1-1-POINT-5-1	First label
5	1-1-POINT-6-1	Second label
6	1-1-POINT-7-1	Third label
7	1-1-POINT-8-1	Fourth label

Figure 7 - Visualisation after exporting in XLSX and after adding text

1.3 Import label of devices

General description

The import label of devices can be selection in the operations menu and then select “Import” followed by “Label of Devices”.

Before starting to import, the file generated by the export label of devices should be updated accordingly. If the file to be imported contains invalid data, it will be rejected by the system.

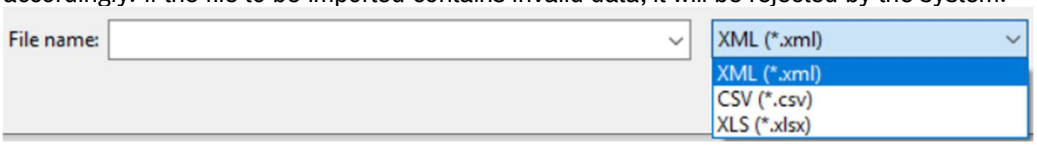

Figure 8 – Selection box displaying which format to choose

Only after correcting all reported issues, the import operation will start.

Figure 9 – Report of the performed operation

HINT: When issues are found in the file to be imported, all errors are presented to the user.

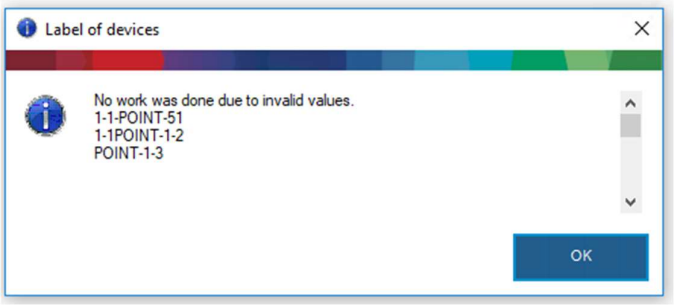

Figure 10 – Error report

When the operation is successfully performed, by clicking the “Show summary” link, a text file containing a detailed report will be presented.

```
Labels of devices updated: 3

Address                                 Old label value                 New label value

1-1-POINT-1-2                           Label2                          Label2ccão
1-1-POINT-1-4                           R4                              R4 MKM E1 Müllraum

Labels of devices unmodified: 770

Address

1-1-POINT-1-1
1-1-POINT-1-3
1-1-POINT-1-5
1-1-POINT-1-6
1-1-POINT-1-7
1-1-POINT-1-8
```

Figure 11 – Detailed report