

# SSPX

## OFFER MANAGER

### KEY FEATURES OF THE SSPX HARDWARE CONFIGURATOR: (2.0.0):

**Notice: for designing conventional CSP systems, use version 1.02.**

#### Development and editing of hardware configurations for fire alarm systems:

- possibility to develop a hardware configuration of a fire alarm system based on the ACSP addressable system
  - selection of topology: loop, radial, hybrid
- adding and editing levels/floors in the building
- adding building levels/floors plans prepared in the following formats: JPG, JPEG, BMP, PNG, GIF, TIF, TIFF, PDF
- arranging SATEL fire alarm system devices on the plan (map)
- drawing connections between devices and penetrations between floors
- console displaying possible configuration errors and warnings
- ongoing verification of the correctness of the connection configuration
- calculation of the device weights in each detection line
- informing users about exceeding the maximum permissible number of devices in the system
- choosing how to illustrate devices on the plan: thumbnails of devices, photos, graphic symbols
- presentation of detector ranges on the plan
- assigning devices to zones
- presentation of topology as a graph
- possibility to save the configuration project and edit it after restarting the Configurator

#### Calculation of the designed system current balance and battery selection:

- determining the total current consumption during supervision and alarm
- calculation and indication of the minimum battery capacity necessary to back up the system in the event of main power failure for a specified period of time
- calculation of voltage drops and warning of exceeding limit values at a given point on the line/loop
- ability to estimate the current balance and to verify if the limit values of the selected parameters are not exceeded, without the need to upload a facility plan and place devices on it

#### Calculation of resistance of detection lines:

- calculation of the length of the line/loop cables taking into account the system parameters entered in the project
- verification if the limit values are not exceeded

#### Fire alarm system cost estimate:

- importing your own price lists and using them in a particular calculation
- adding your own elements to the offer, such as cabling, installation cost and initial servicing cost
- providing your own elements with: proper names, number of items, units of measurement and net prices;
- individual arrangements concerning: profit margin, discount rates and VAT for individual items included in the cost estimate.

#### Documentation and offer preparation:

- generating of offers including such items as:
  - information about the project
  - plan/map of the fire alarm system showing locations of its devices
  - descriptions and technical data of devices included in the system
  - current balance of the system
  - cost estimate
  - certificates of admittance and other certifications
  - logo and details of the designer
  - notes
- printing the documentation or generating it in PDF format

**Requirements**

- PC with MS Windows 7 (x86, x64) or later operating system
- processor Intel Pentium 4/AMD Athlon 64 or higher
- minimum 512 MB RAM