

OPTIMA[®]

OPTIMA 360



OPTIMA **360**

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1. Specifications

The OPTIMA 360 Supervision module offers a complete and intuitive interface to visualize and control the different elements of real-time access control.

Features:

- Access control events
- Events and acknowledgments from intrusion control units.
- Consultation direct video stream
- Door control
- Passage of badge
- Forced/blocked/intrusion door alarm raised

The different areas of the company can be monitored in graphical and textual form with the feedback of information such as badge passes, live event displays, video streams from surveillance cameras, or events and events. pending acknowledgments from intrusion alarms.

Alerts are also bring forward to quickly take the necessary actions.



The Internet browser to use is **Mozilla Firefox** (compatible with HTTPS connection).

Supervision coming from an OPTIMA for version inferior to 3.3.3 is not compatible. Any existing supervision is not retained after the update.

2. Activation and access to the module

- The module must first be activated from the **Configuration menu** / Installation administration / Additional modules.

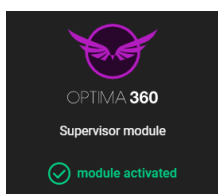


Fig.1 : Supervision Module activated.

- This module is available in the **Operation** menu.

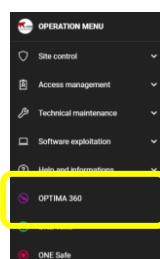


Fig. 2: Operation menu.

3. Access to plan associated with companies

As with all of the OPTIMA software, it is possible to give access rights to the different plans according to the company(ies) attached to the users.



Software constraint: the company synoptics are of the inclusive type, the user must therefore have a company profile identical to the parent plans to have the consultation authorizations. The modification of these does not impact the parent plans but the newly created following ones.

4. Main display

To begin, simply click on "**Add synoptic plan**" to access the configuration wizard: see next section.

After creating the supervision plans, the main view displays shortcuts as a carousel (by default) or as a mosaic.

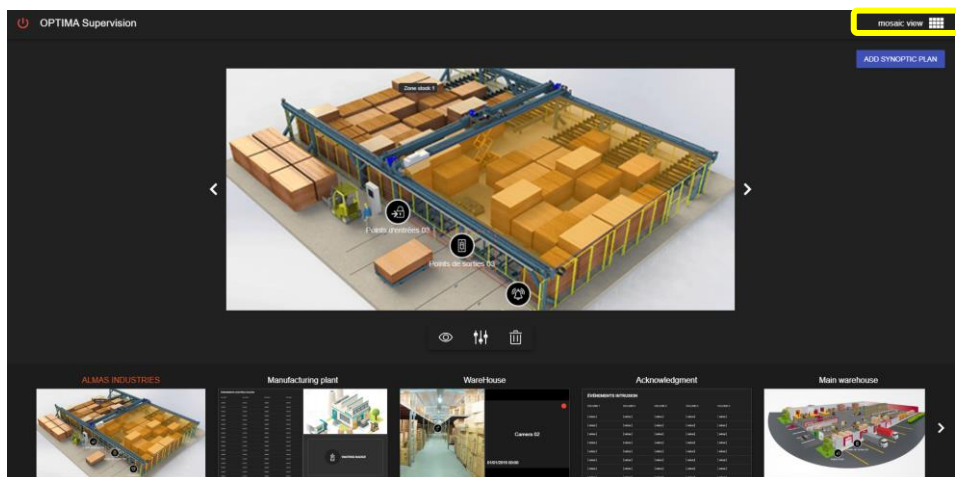


Fig. 3 : Carousel view.

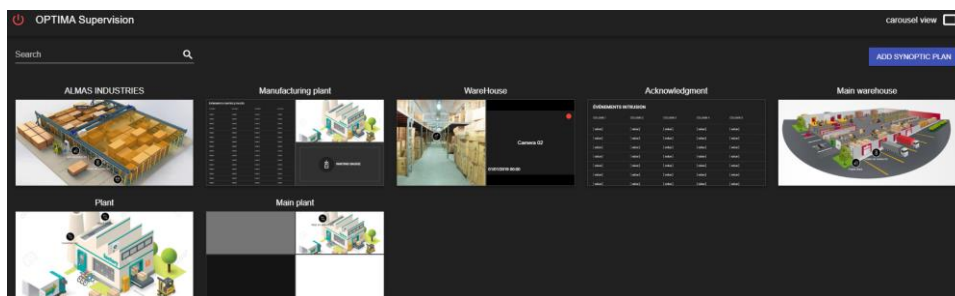






Fig.4 : Mosaic view.

- The various features are available under the supervision plan selected for the carousel mode, while the functions are available by hovering the cursor on the plan to be selected in the mosaic mode.

The different features are :

- Exploitation of the supervision plan by clicking on the visualization icon 
- Editing mode by clicking on the icon 
- Deleting by clicking on the waste bin 

The OPTIMA Supervision module can be closed at any time with the icon  at the top left.

5. Edition

The addition of the first synoptic plan automatically opens the configuration wizard:

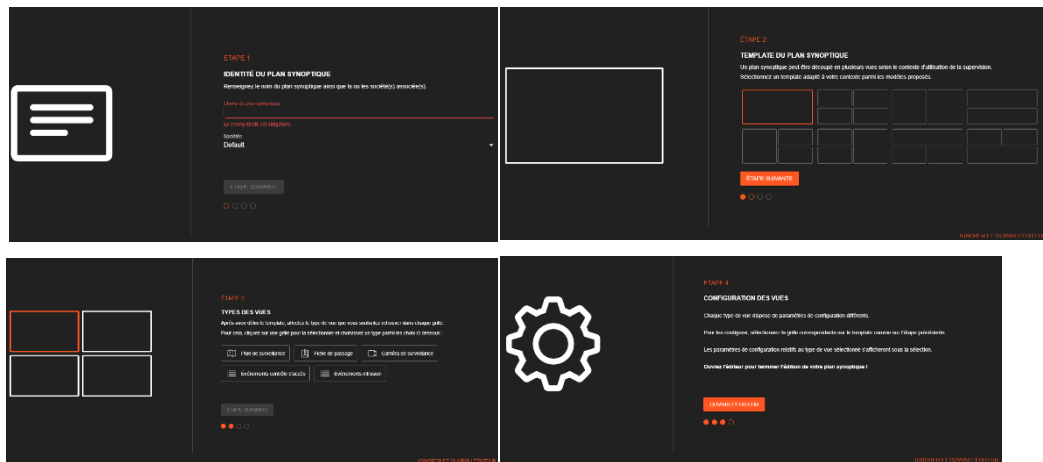


Fig.5 : Configuration wizard.

- Click on "Add a synoptic plan" by adding a name and choosing the company
- Then choose the model of synoptic plan : in full screen, on 2, 3 or 4 screens on the same page
- For each view, select its type, to choose between the monitoring plan, the pas card, the access control events, the intrusion events, or the monitoring camera
- The result is the workspace screen with the main editing area and the editing tools
- The main editing area and the editing tools include the following:

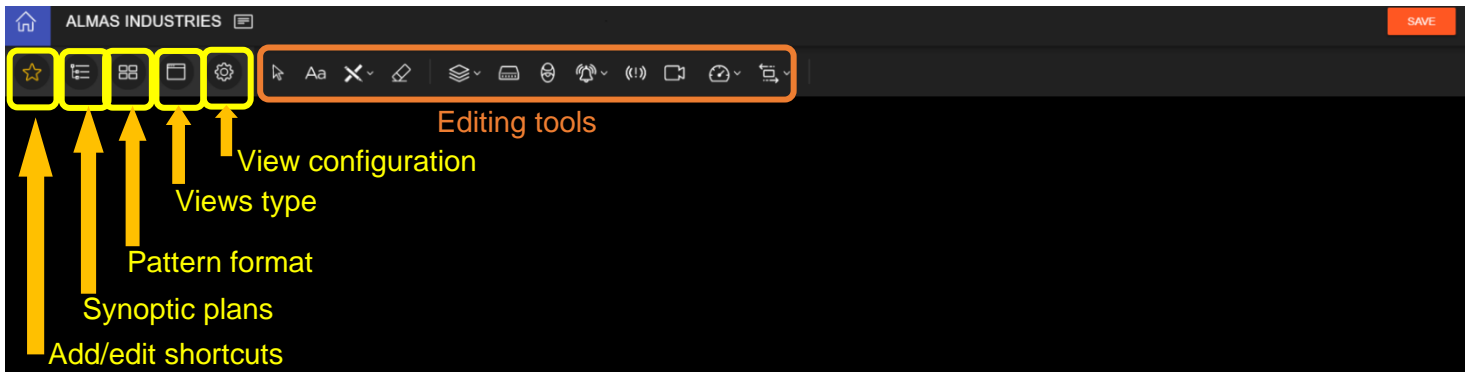



Fig. 6: Menus.

Please find below the detail of each element.

6. Add/edit shortcuts

The shortcuts  correspond to a shortcut to the synoptic or a supervisory element.

The link to a synoptic provides quick access to another supervision plan

- The link to a supervision element opens the supervision plan that contains the selected element

The shortcut will be available in the navigation bar at the top of the window, or from the quick menu.

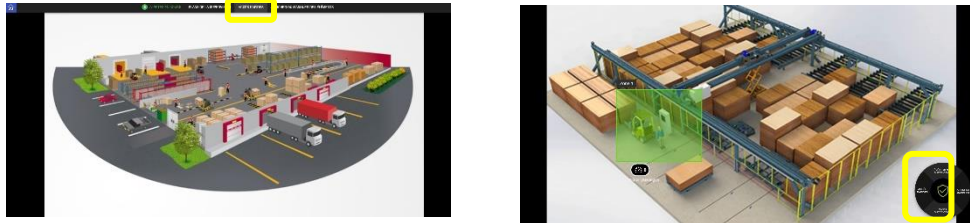


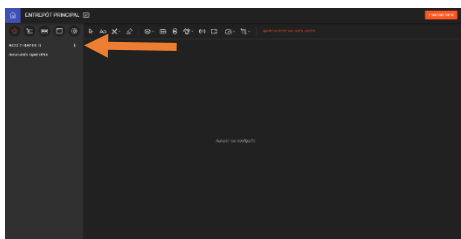
Fig.7 : Shortcuts.

- Clicking on "Shortcuts list" opens a window listing the quick accesses.



Fig. 8 : Shortcuts list.

- To create a new shortcut, click on the + icon, select the type of element (Synoptic or Supervision element), and finish with the title.



ADD SHORTCUT

Element type
Synoptic

Shortcut target
Start typing to select an element

Shortcut name

CANCEL OK

Select Synoptic or Supervision element



Choose target



Fill in the name



Fig. 9 : Add shortcut.

6.1 Link to a synoptic

To add a link to a synoptic, select the desired elements.

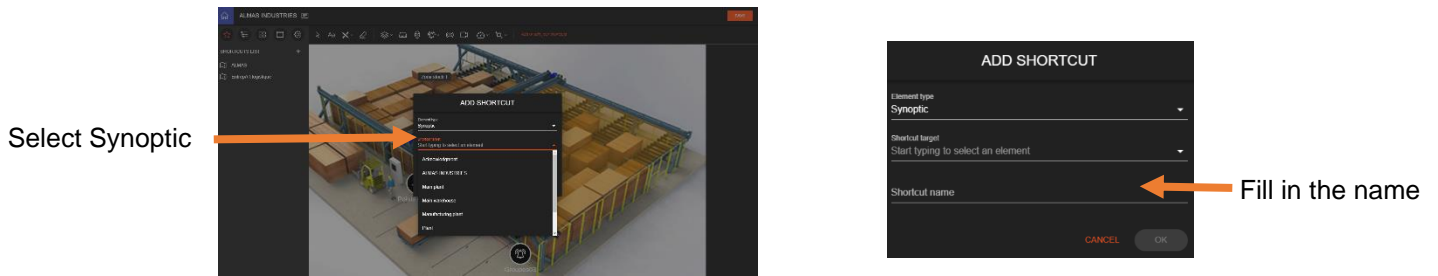



Fig. 10 : Add shortcut to a synoptic.

The link created to a synoptic is distinguished by the icon 

To illustrate :

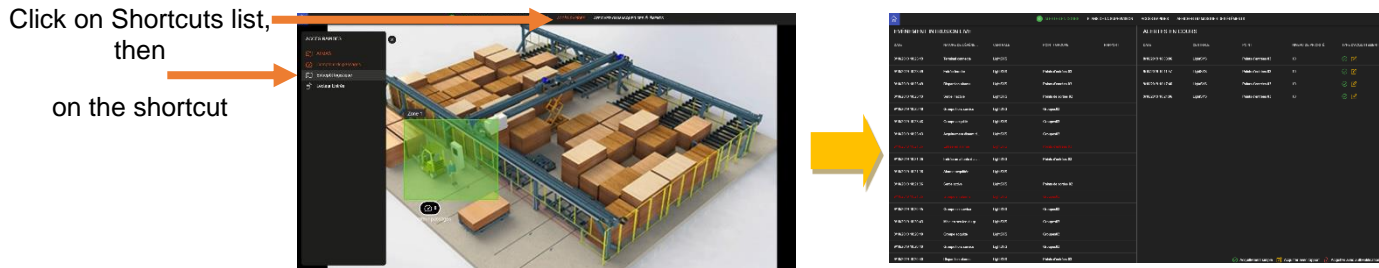


Fig. 11 : open a shortcut.

6.2 Link to a supervision element

This shortcut opens the supervision plan that contains the selected item.

The selected element consists of the readers, counters, alarm points, etc., which are displayed in the plans and in the existing zones.

The list includes the icon, the title of the plan or area that contains the item, followed by the name of the item.

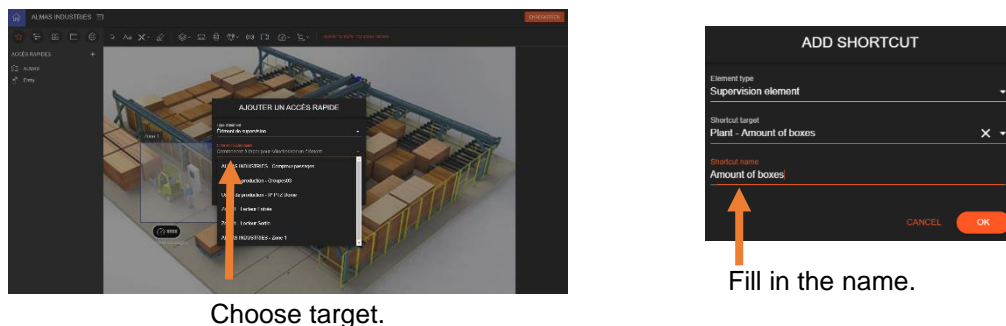


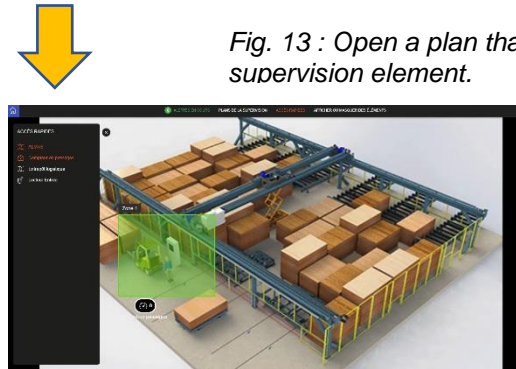
Fig. 12: Add a shortcut to a supervision element.

To illustrate :



Fig. 13 : Open a plan that contains a supervision element.

Supervision plan that contains the counter



6.3 Edit shortcut

You can at any time edit or delete a quick access by clicking on it:

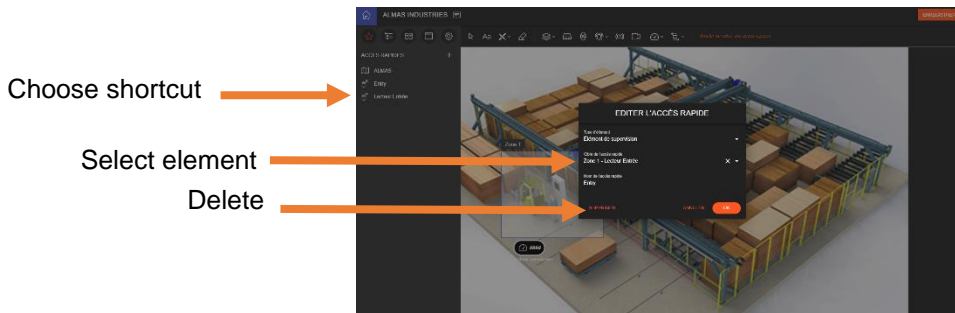



Fig. 14 : Edit shortcut.

7. List of synoptic plans

This feature  provides a quick access to plans and existing areas without having to go back to the main display. Access is facilitated for making changes.

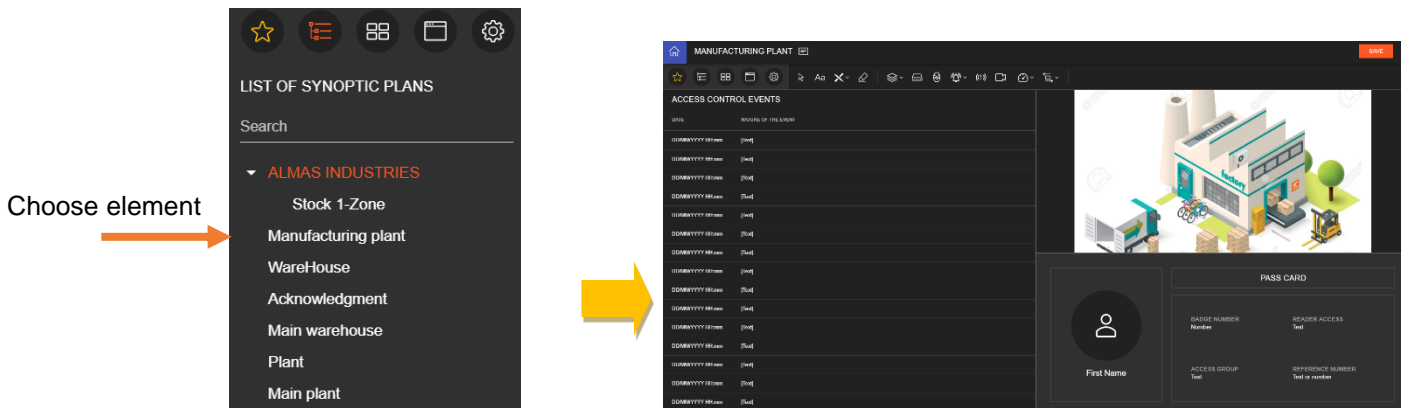


Fig. 15 : List of synoptic plans.

It is also possible to manually enter the name for faster search.

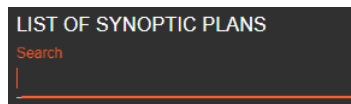


Fig. 16 : Search a synoptic plan.

8. Pattern format

1st step of the creation of a synoptic:

At first, it is necessary to choose the template format.

Note : This step is already done with the configuration wizard.

Eight patterns are available: from full-screen view up to four visible sections in one page.

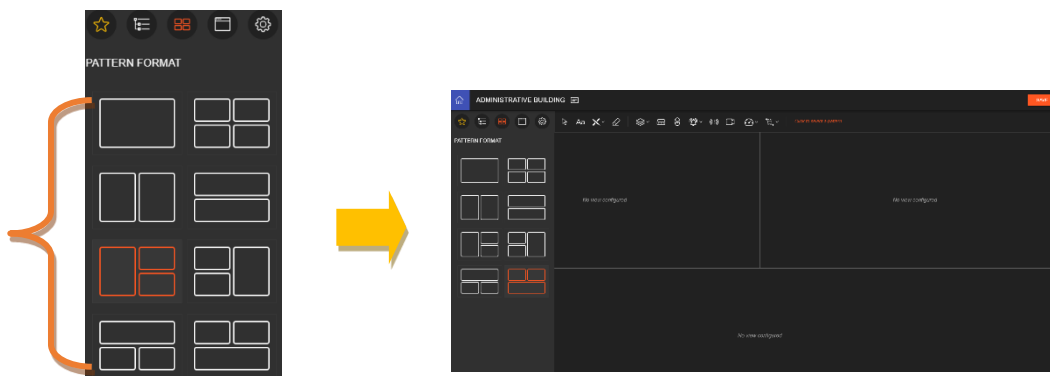




Fig. 17 : Pattern format

 A choice of pattern format deletes the current supervision plan.

9. Views type

2nd step of the creation of a synoptic:

After selecting the pattern format, you must choose a type of view for the currently selected view.

Five types of view  are available for each selected view.

To validate them, follow the following steps:

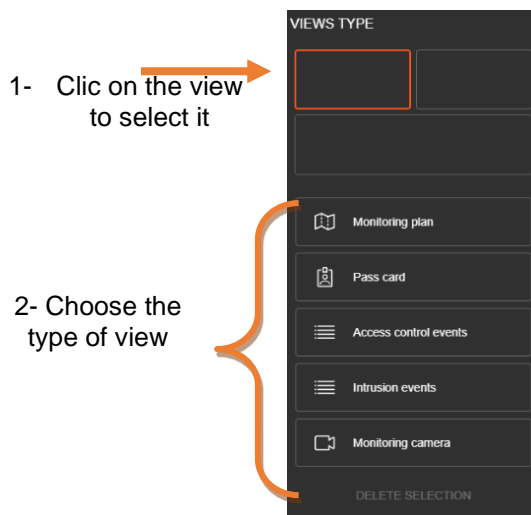



Fig. 18: Select a type of view.

The views correspond to:

- **Monitoring plan** : image file to import from the computer, or solid color wallpaper
- **Passing card** : displaying badges on the selected reader
- **Access control event** : list of events: up to 7 titles can be displayed in full screen view
- **Intrusion events**: display of the list of intrusion events, or display of the list of pending acknowledgments
- **Monitoring cameras** : camera to choose from the cameras configured in the Video Management module (if enabled)

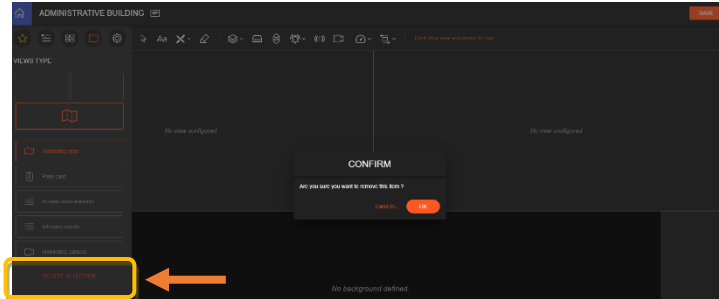
10. View configuration


3rd step of the creation of a synoptic:

Subsequently you have to configure the selected view by clicking on .

- The selected view can be deleted by clicking on "Delete Selection"

Fig. 19: Delete selection.



- Click on  to save any changes made to your supervision plan.

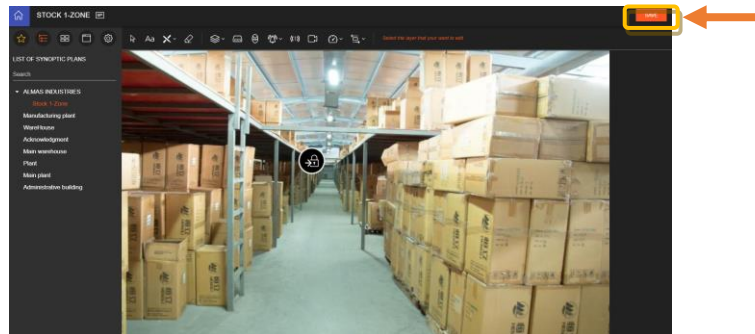


Fig. 20: Save a supervision plan.

- Three sizes are available for most icons
- Their titles can be hidden
- The color of the labels is customizable

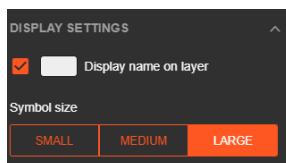


Fig. 21: Display settings.

Please find below the detail of each view to configure.

10.1 Monitoring plan

This view is used to represent a supervision plan composed of elements of access control, camera, alarm point, etc.

The addition of elements in the plan such as readers, alarm points, counters) is carried out by the editing tools (see section 6).

Two choices are **available**: display a **wallpaper** as an image to load from your PC (recommended), or a **coloured** simple wallpaper.

- Image: choosing an image file to import from the computer

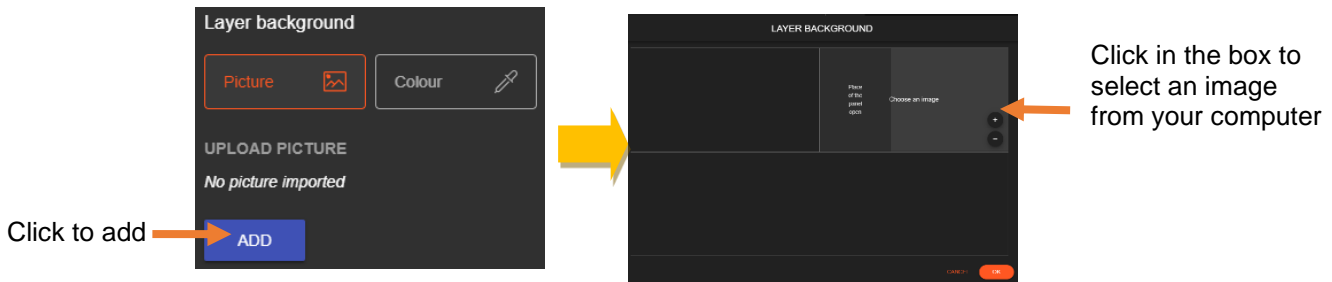
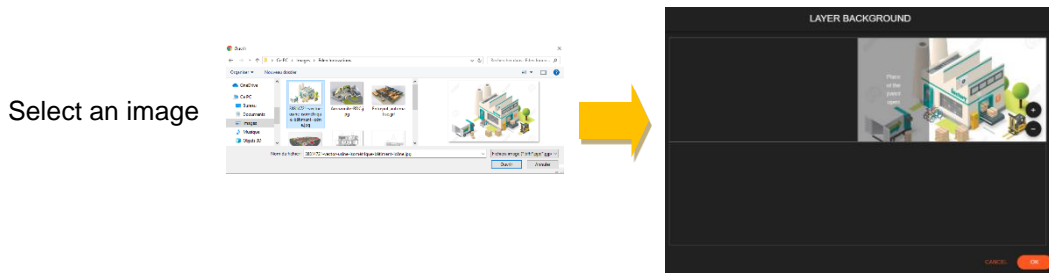


Fig. 22: Add a wallpaper.



To illustrate :

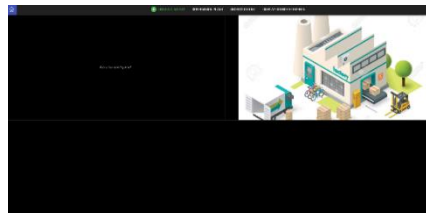


Fig. 23: Supervision view with wallpaper.

- **Color** : selection of a solid color background, with a proposal for a color palette or enter a custom color code.

To illustrate :

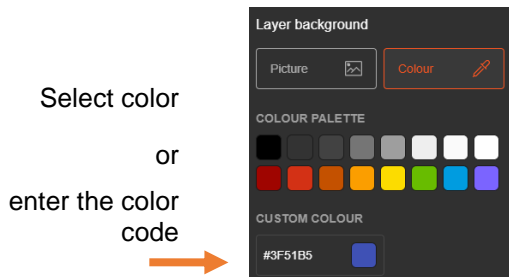
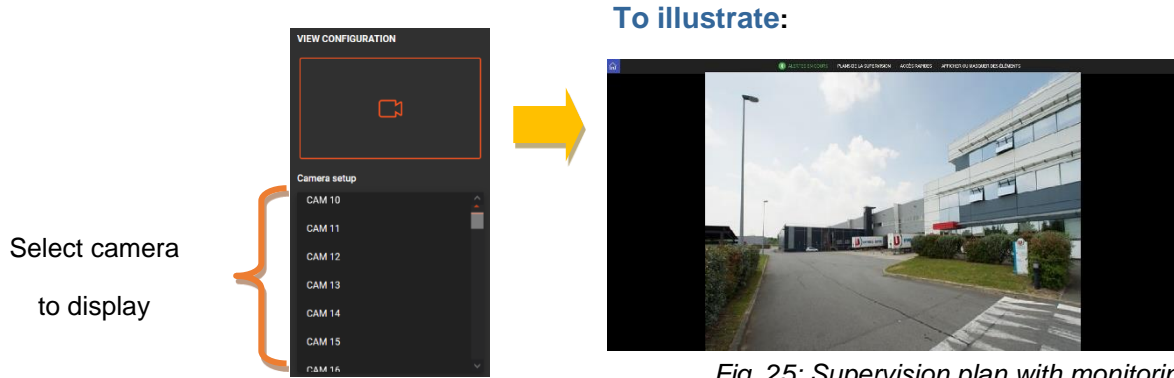


Fig. 24: Supervision plan with solid color.

10.2 Monitoring camera

This view is used to display the live video stream from a surveillance camera connected to a recorder, previously configured from the One View Video Management module (for more information, see the One View documentation).



To illustrate:

Fig. 25: Supervision plan with monitoring camera.

10.3 Pass card

This view allows to visually control the passage of badges on one or two readers, in real time.

In addition to the surname and first name, and the photo (if existing), it displays 4 to 6 fields among the following:

- Reader
- Access group
- Badge number
- Identification number
- Start of validity
- End of validity
- Licence Plate
- Registration number
- Remaining passages
- Number of passages
- Additionnal fields

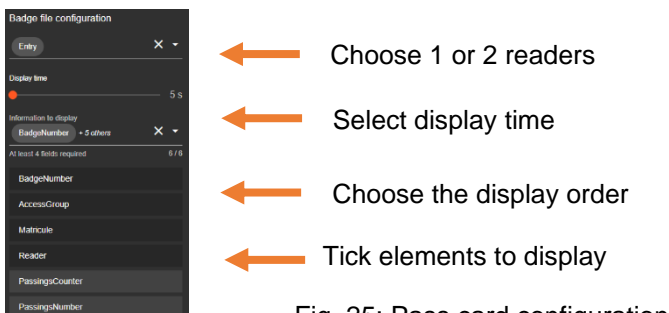


Fig. 25: Pass card configuration

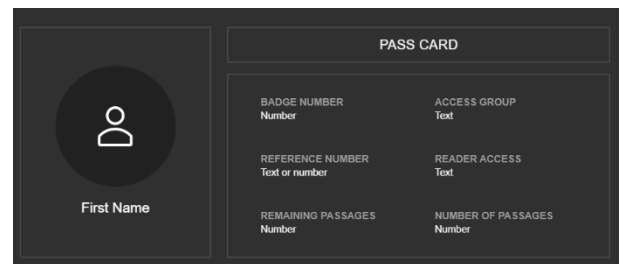


Fig. 26: Pass card configuration.

To illustrate :

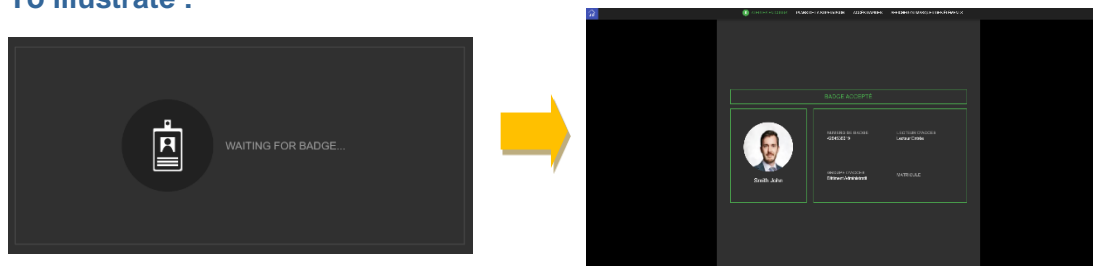


Fig. 27: Waiting for badge/pass card.

10.4 Access control events

It displays in real time the list of events as a table.

The table can include from 2 to 7 titles, with the default display of the date and the nature of the events.


The title is viewable or can be hidden.

Other titles to choose are:

- Date
- Time
- Badge number
- Last name
- First name
- Central unit
- Reader
- Nature of the event
- Badge profile
- Licence Plate
- Identification number
- Acces group
- Additionnal fields
- **View** : display video stream

To illustrate :

Title →



titre	nature de l'événement	numero de badge	date	horaire	statut	lecture	lecture photo
ÉVÉNEMENT 1000	Fin Evénement autorisation		10/08				
ÉVÉNEMENT 1010	Entrée autorisation		10/08				
ÉVÉNEMENT 1020	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1030	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1040	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1050	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1060	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1070	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1080	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1090	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1100	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1110	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1120	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1130	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1140	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1150	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1160	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1170	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1180	Entrée badge	000000	10/08	10h00	OK		📹
ÉVÉNEMENT 1190	Entrée badge	000000	10/08	10h00	OK		📹

Fig. 28: List of events.

Using the column "View"

The "View" column displays a camera icon if the badge passes to a reader associated with a camera from the **ONEVISION** Video Management module.

Clicking on this icon opens a window that contains the live video stream of the camera, while clicking on the cross at the top right allows you to close it.

To illustrate:

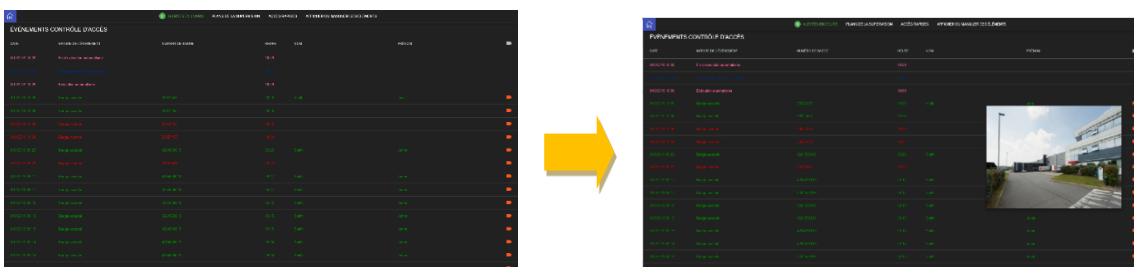


Fig. 29: Video stream associated with a reader.

Note :

The display and color of the events depend on their setting in the "Event Setup" menu from "Advanced Setup" of the main interface.

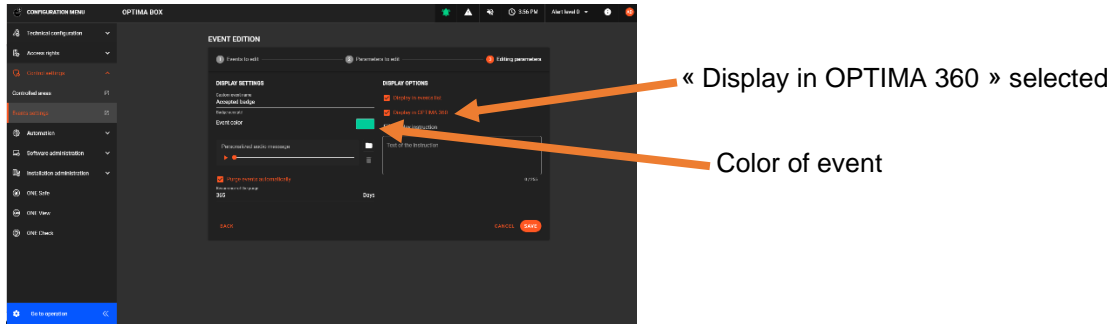


Fig. 30: Event configuration.

10.5 Intrusion events

This view displays:

- The list of events, or intrusion device configured in the Intrusion module (see **Intrusion Configuration** document)
- The list of pending acknowledgments

The title of the "Live Intrusion Event" window can be hidden..

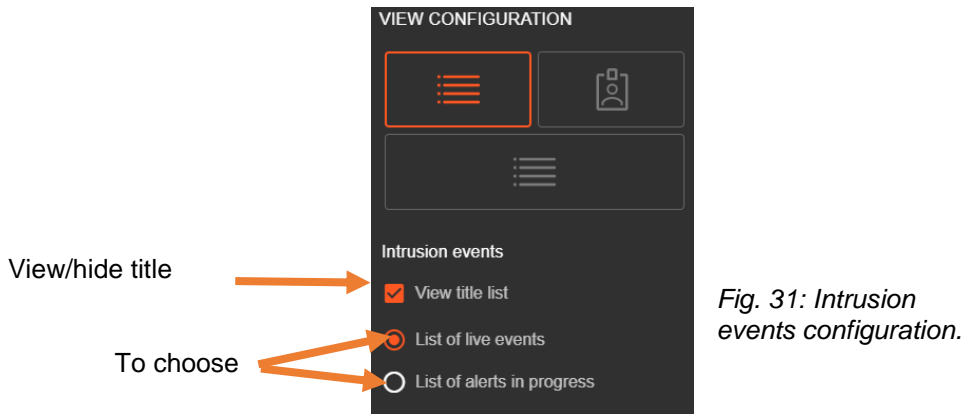


Fig. 31: Intrusion events configuration.

1- To illustrate with the list of live events :

EVENÈMENT INTRUSION LIVE				
DATE	ACTEUR DE L'ÉVÉNÈMENT	CRÉNEAU	PROJET	STATUT
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Supprimé
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Changement de statut	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	Intrusion détectée	lg40075	Projet 1 (10000)	Projet 1 (10000)
2023-11-01 11:31	État de l'événement	lg40075	Projet 1 (10000)	Projet 1 (10000)

Fig. 32: List of events from the intrusion device.

2- To illustrate with the pending acknowledgments :

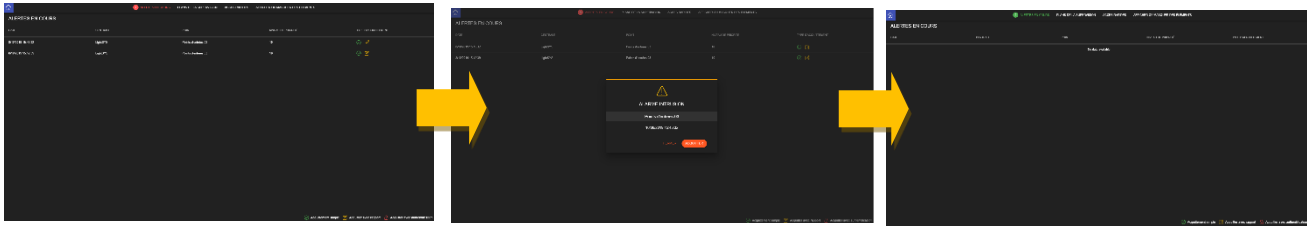


Fig 33 Pending acknowledgments.

- The list of pending acknowledgments is empty when the acknowledgment has been made (after entering a justification text).
- Acknowledgment made from this interface is informative. It will not cause an acknowledgment to the intrusion device.
- We can suggest to add a supervision plan with the Groups element from the intrusion device in order to carry out a remote acknowledgment.

Remote acknowledgment

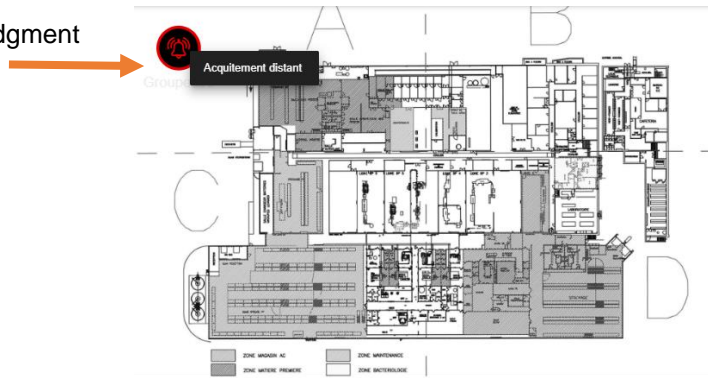


Fig. 34: Remote acknowledgment.




To ensure the display of entry, outputs and group points in the supervision, please activate them from the Intrusion module.

11. Editing tools

Editing tools are used to customize monitoring plans to add / edit / delete items.

Click on **SAVE** at top right to keep any changes.

11.1 Select element

This tool  allows to modify an existing element.

Click on the item concerned to open its dialog box.

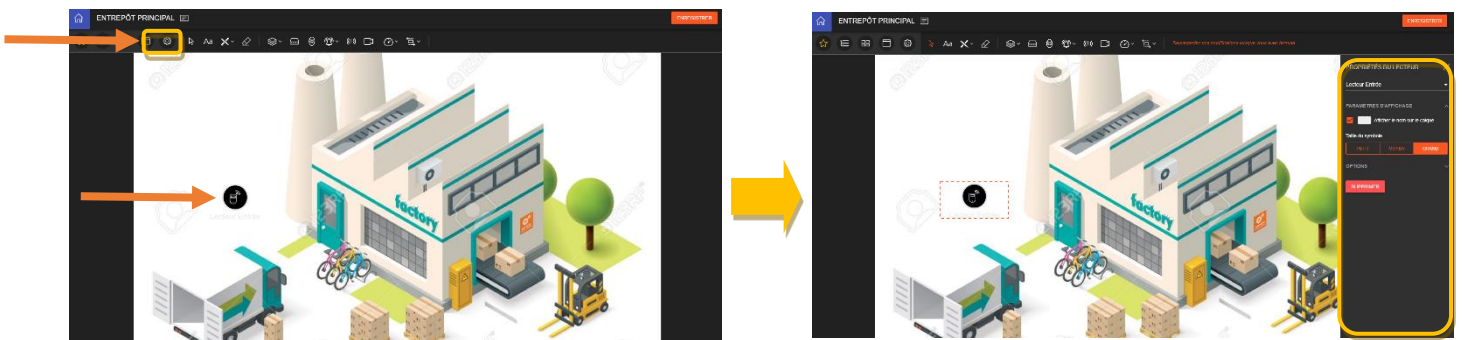



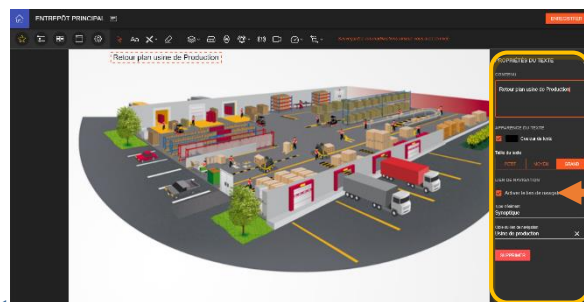
Fig. 35: Select element.

11.2 Text area

This tool  creates a text box to explain part of the supervision plan.

It is also possible to include in the text box a link to a synoptic or to a supervision element.

Example of use: it can be used to return to the master plan, or any other supervision plan.



Enable navigation link

Fig. 36: Adding element to a text area.

To illustrate :

Click on the text area

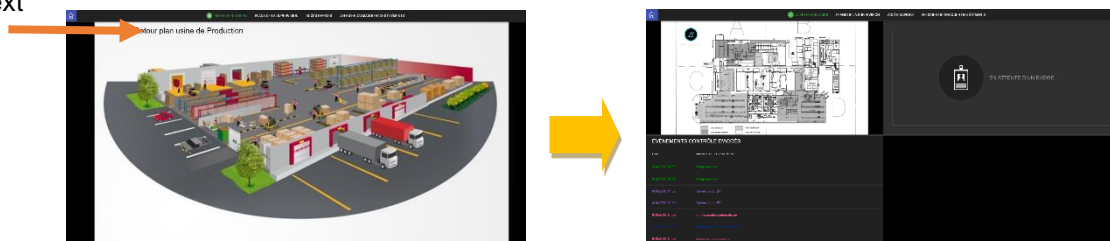



Fig. 37: Opening a plan from a text area.

11.3 Shape

This tool  creates a new shape with the choice of a free shape, a rectangle, an ellipse or a line.

To compose a new shape, select several points on the screen, and close it by selecting the point of departure (white circle)

- Like the text box, it is possible to include a link to a synoptic or to a supervision element
- The area may or may not be filled with a color to choose from. Not filled, we will only get the outline of the form
- The shape border can be displayed or not
- We can set the opacity with a default rate of 85%

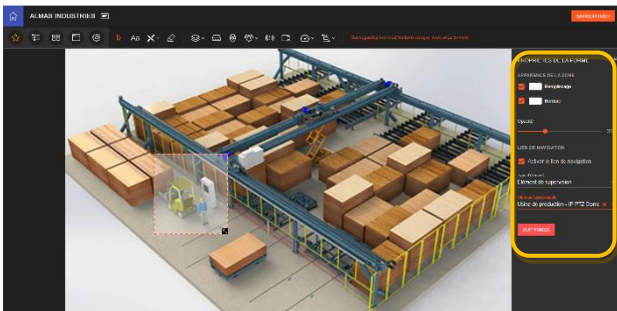


Fig. 38: Adding a shape.

To illustrate :

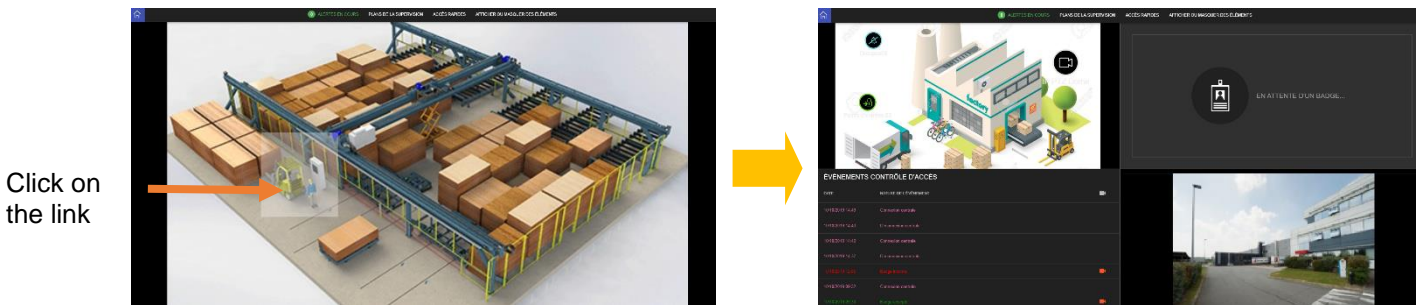


Fig. 39: Link to another plan from a shape.

11.4 Deleting element

This tool  removes the elements of the supervision plan.

Just select the item, and confirm the message.

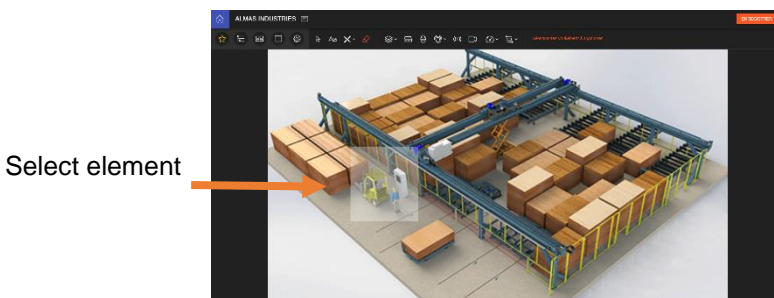
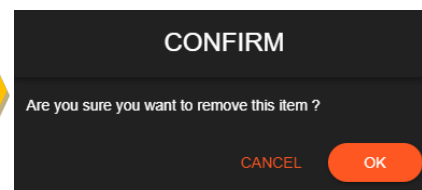



Fig. 40: Deleting element.



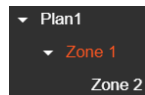
11.5 Zone

This tool  inserts a shape that redirects to a sub-element of the current monitoring plan: it will be a zone. This zone is to be created, just like a standard supervision plan.

The goal is to quickly reach a lower plan, or even a succession of plans, constituting a hierarchy.

The zone can be created using a free shape, a rectangle, or an ellipse.

- To compose a new shape, select several points on the screen, and close it by selecting the point of departure (white circle)
- Zone label can be hidden, text color and background can be changed, and positioning (top left / bottom left)
- You can change the fill color of the area and its border
- The opacity is adjustable (40% by default)
- Alarms in the zone may or may not be raised
- This tool adds an area in the tree of the synoptic list:



The new created zone will therefore represent a sub-element of the current synoptic plan.

To illustrate :

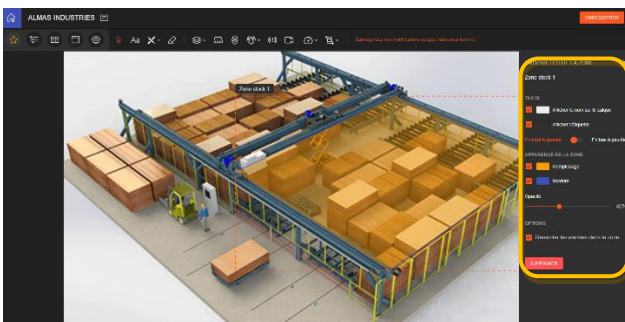


Fig. 41: Create a zone.

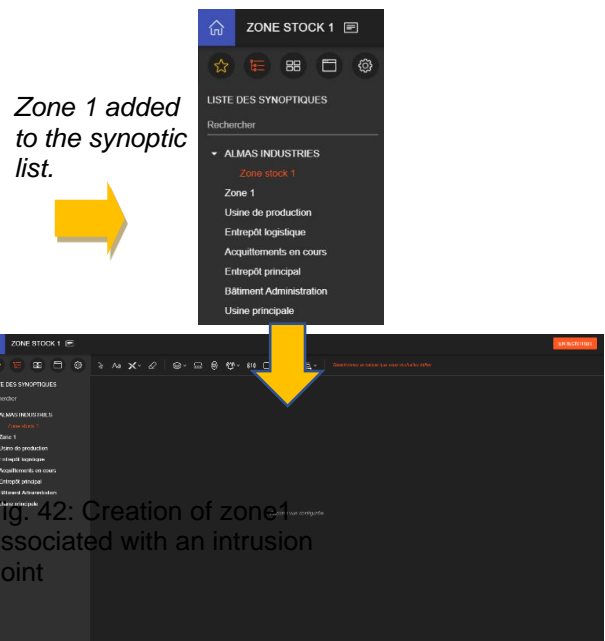


Fig. 42: Creation of zone1 associated with an intrusion point

To illustrate : the intrusion point of zone 1 is in alarm

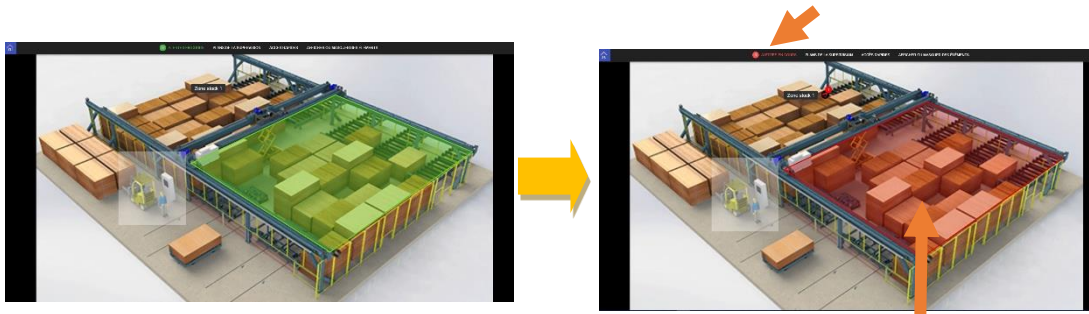


Fig. 42: The intrusion point from zone 1 is in alarm: the area is highlighted in red on the supervision plan.

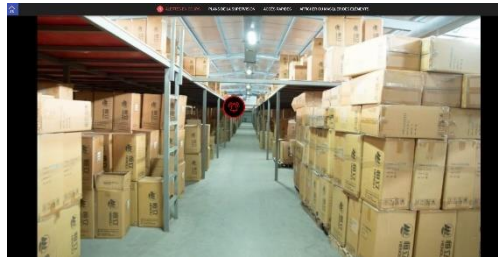



Fig. 43: Opening the zone with alarm.

11.6 Reader

The addition of reader  offers the possibility of adding an existing access control reader on the synoptic plan.

The icon of the reader informs in real time its state, makes it possible to order it, but also to identify the card of passage on this one (optional).

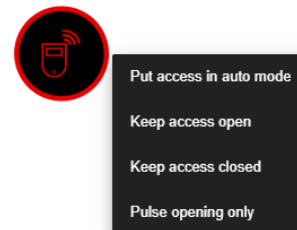
- The different status are :

- Auto mode
- Maintained opening mode
- Maintained closure mode
- In alarm (Forced ou blocked)




- Reader control: a left click on the drive allows you to:

- Put access in auto mode
- keep access open
- keep access closed
- Puls opening only



- Display pass card:

This option is available by expanding the menu: 

It gives the opportunity to display the detail of the pass card (= badge).

The position of the pop-up window is editable.

In addition to the display time (from 2 sec to 90 sec), the following information is available:

- Access group
- Remaining passages
- Valid from
- Valid to
- Number of passage

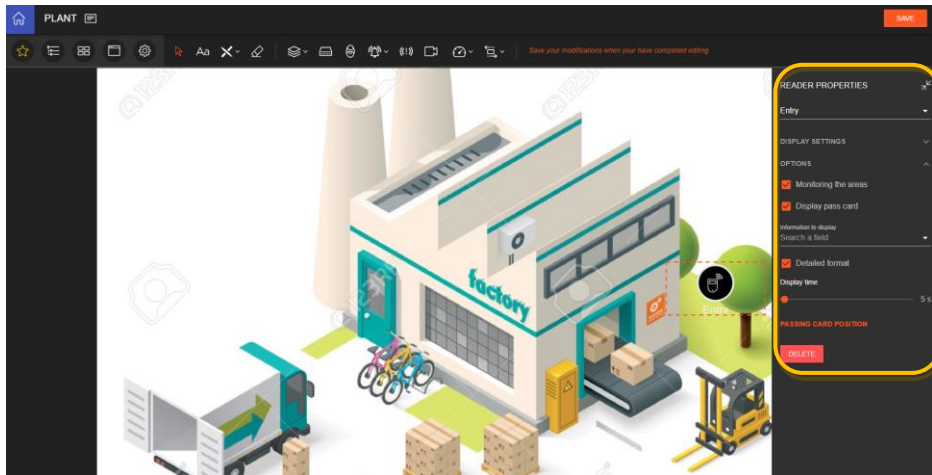


Fig. 44: Adding pass card.

To illustrate :

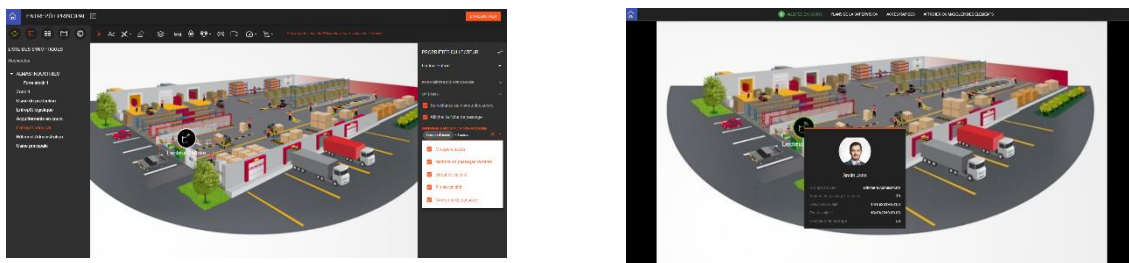


Fig. 45: Pass card with the badge information.

11.7 Intrusion elements



Ability to add input points, output points, groups from the intrusion device.

The status of the intrusion elements is obtained, with the opportunity to interact with them.



Input point : Include/Exclude



Output point : Close/open



Group : Activation / Partial / Delayed activation



Fig. 46: Adding input/output/group.

To illustrate :

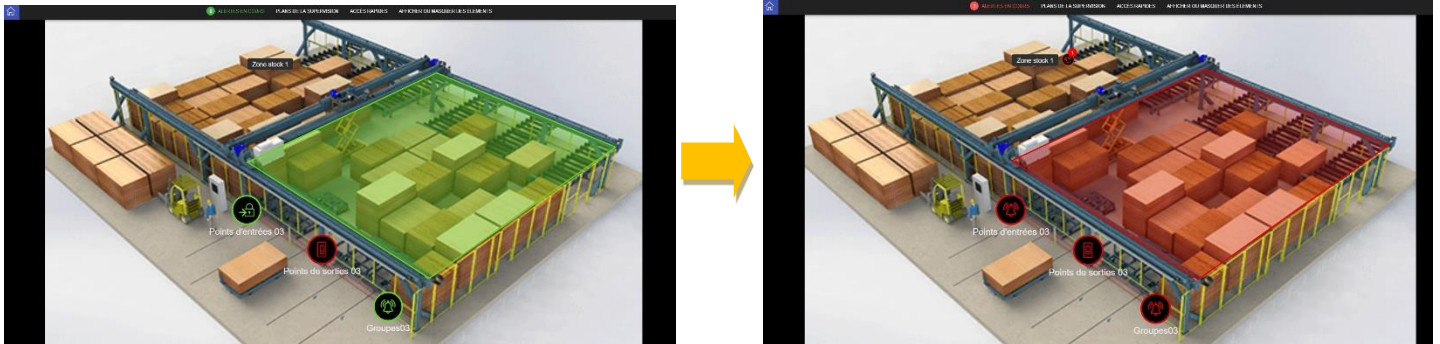


Fig. 47: Input point 3 triggered the intrusion alarm.

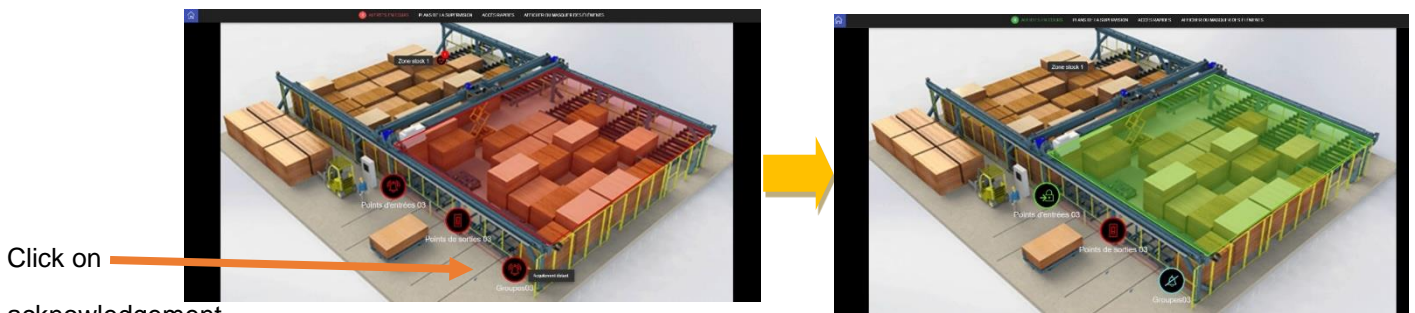



Fig. 48: Acknowledgements.

11.8 Alert level

The alert level  is available in the supervision plan, with the ability to interact with it.

The color of the icon can be set according to the level.

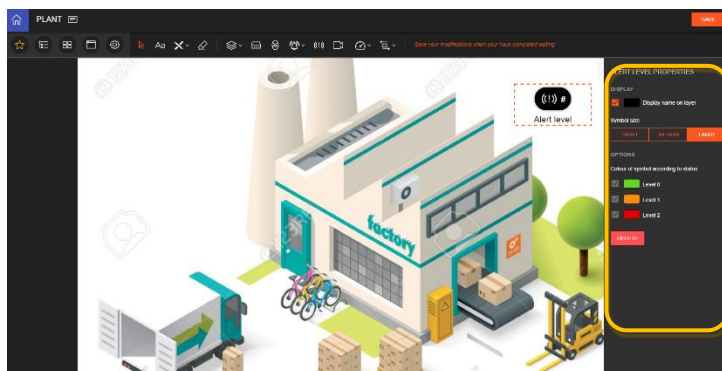


Fig. 49: Adding alert level.

To illustrate :



Fig. 50: Alert levels.

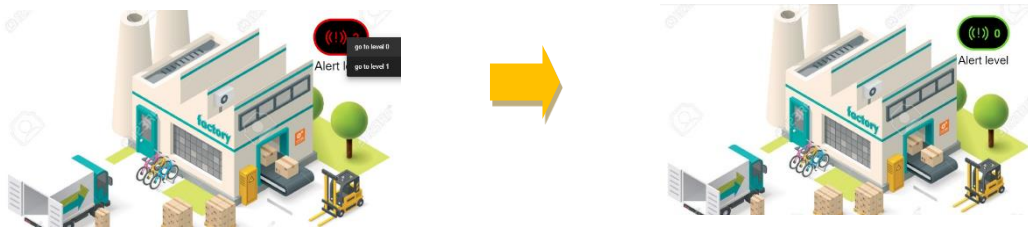


Fig. 51: Change from alert Level 2 to alert Level 0.

11.9 Camera

Cameras  configured from the "ONE View" Video Management module can be added to the supervision plan (for more information, see **ONE View** documentation).

- By clicking on the camera icon, the video stream is displayed permanently, click on the cross to close
- 3 display sizes are availables : small (256X192), medium (384X288) or large (512X384)
- Option « Display name on the layer » gives an overview of the scope of the window on the supervision plan



Fig. 52: Adding camera.

To illustrate :

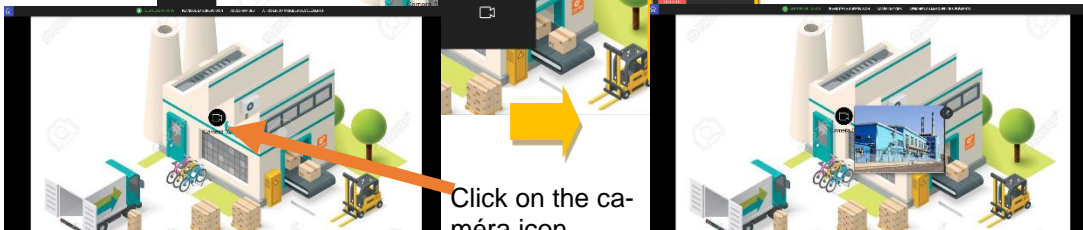


Fig. 53: Video verification.

11.10 Counter

A **software counter** (global counter) or a **Unit counter** can be added to the supervision plan.

This shows the value of the counter, with the possibility of changing its color according to predefined rules.

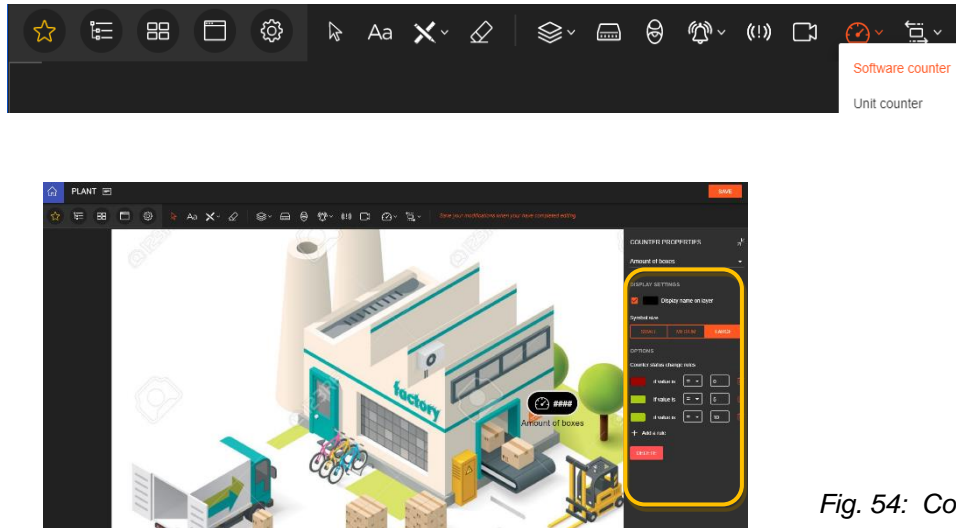


Fig. 54: Counter.

To illustrate :



Fig. 55: Color change according to the counter value.

11.11 Automation

The software or central automation can be added to the supervision plan to know their status. Software automations can be directly executed by clicking on their respective icons.

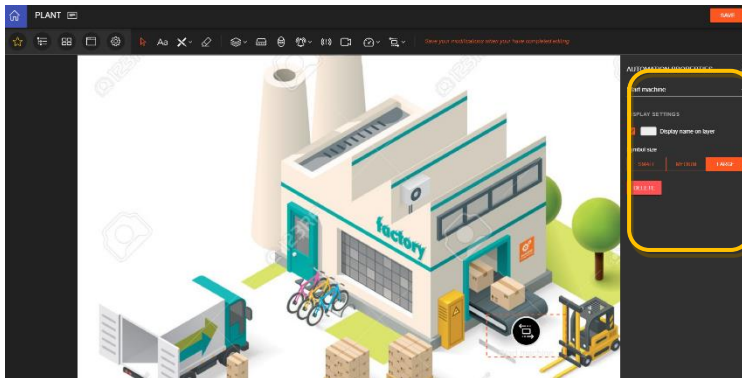
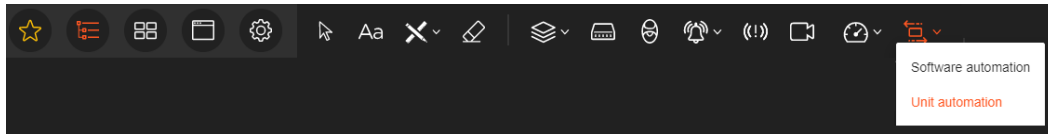


Fig. 56: Automation.

To illustrate:



Fig. 57: Triggering software automation.

12. Operation

The operation view displays a menu bar located at the top and the, or the supervision plans in the main part.

The menu bar gives access to shortcuts or items.

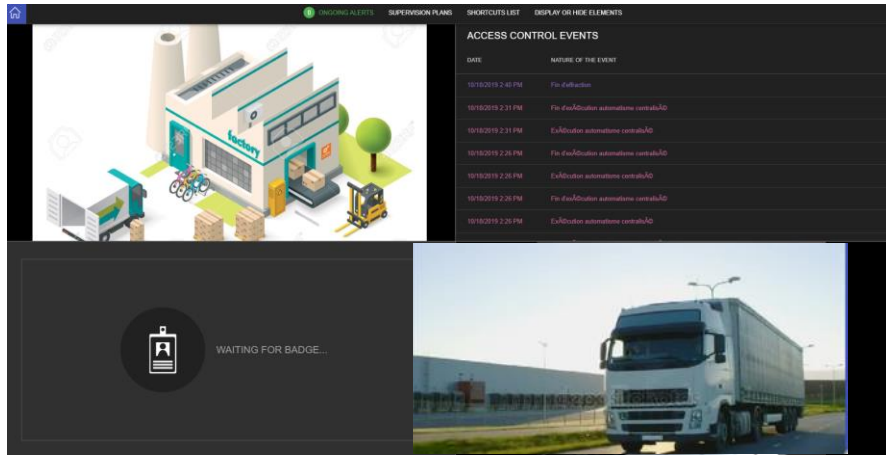


Fig. 58 :Synoptic plan.

- The menu bar contains the following elements:
- **Ongoing alerts:** intrusion alarms and reader alerts (see next section)
- **Supervision plans:** direct access to the list of synoptic plans
- **Shortcuts list:** open the list of existing shortcuts (see the "Creating / Editing shortcut" section)
- **Display or hide elements:** possibility to select the elements of the supervision plan to hide, or to replace the menu bar with a movable menu
- A click on this function brings up the supervision elements to hide.

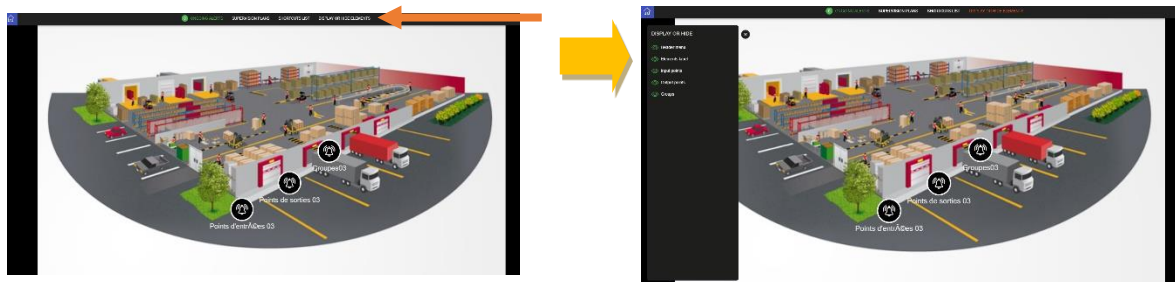


Fig. 59: Menu bar : display or hide elements.

To illustrate :



Fig. 60: Element labels, input and output points hidden.

- Hiding the header menu bar brings up the movable menu  that contains the same elements.

To illustrate :



Fig. 61: Displaying the quick menu.

- The change of position is done by holding the middle part by the left click of the mouse.

To illustrate :

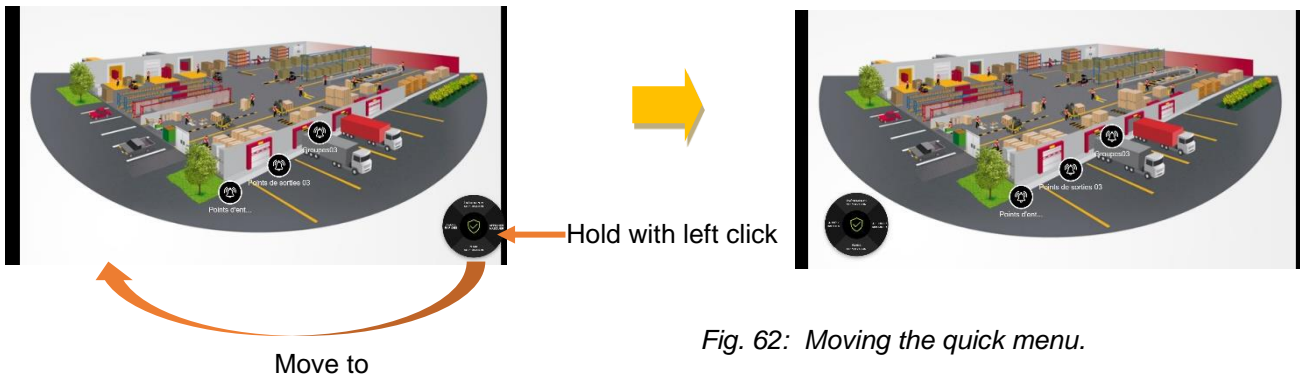



Fig. 62: Moving the quick menu.

- The return to the main display (carousel or mosaic view) is done at any time from the horizontal menu bar with the icon  located at the top left of the interface.

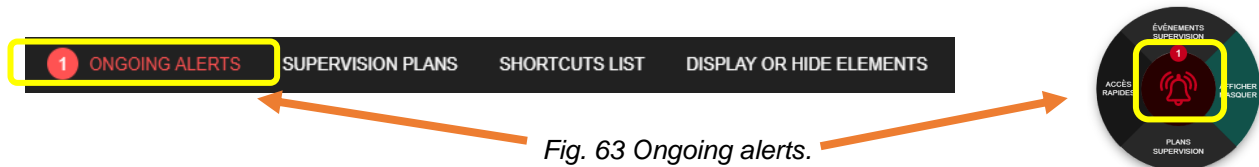
13. Alarms

Alerts are highlighted in the interface to quickly see the origin of alarms. With a simple click, you access the element concerned.

They come from:

- intrusion devices
- readers in a "Blocked" state or in a "Forced" state

Alerts from intrusion devices or readers are notified in the menu bar of the synoptic plane or in the Quick menu.

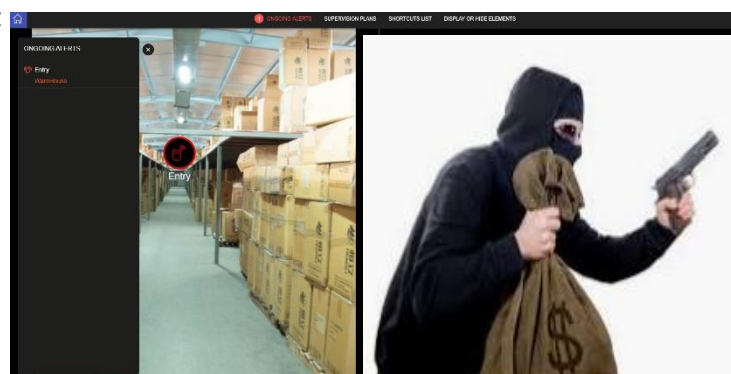


In case of alarms, pressing "Ongoing alerts" displays the element in alarm, with direct access to the supervision plane of which the element is part of it (if existing).

To illustrate :



Fig. 64: Displaying the plan that contains the alarm element.





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