



# SMART*toolbox* Manual Layout Creator



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## 1 General Information

MIP (Milestone Integration Platform) plugins and applications are dynamically loaded from the Milestone applications and services, which allows a simple installation and use.

The Smart Layout Creator is part of the Smart Toolbox suite, which is running on the Smart Client.

## 2 Installation

The installation of the all Toolbox Plug-ins are described in the Toolbox Installation Document which is valid for all the Plugins inside the Toolbox.

Please note, that the Smart Layout Creator is running on the Smart Client and needs the two Step installation:

# → Server Side Installation → Download from Download Manager and Client Side Installation

After the Client Side installation, the Smart Layout Creator is ready for use in the Smart Client.



#### **3 Using the Smart Layout Creator**

The Smart Layout Creator allows you to create new Layouts for the Smart Client. It is possible to create special Layouts like Picture in Picture.

Before you start drawing new Layouts, you need to know the following rules in order to get the desired results.

To allow different kind of Resolutions and aspects, the Layout is created in relative coordinates. This means that the width and the height is based on 1000 X 1000. A quad layout for instance is defined by the following XML:

A golden Rule is to fill the Width and Height up to 1000 in order to get the desired aspect. Otherwise the Layout will been scaled up.



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🔅 Setting:

#### 3.1 Create and modify Custom Layouts

Use the Settings in the upper right corner to open the Layout Creator Options Dialog:

Settings		×						
Application	License: Demo - Unlimited	EET Security - Smart Toolbox - Layout creator - Vers. 4.0.0.1						
Panes	All Layouts -> Edit XML	Modify Layout Create new Layout						
Functions	xml version="1.0" encoding="utf-16"? <custamlayouts xmlns=""></custamlayouts>							
Timeline	<pre><viewlayout guid="9fc43eee-7f44-4db5-8589-5021c89c97b2" name="Quad Sample"> </viewlayout></pre>							
Export	<rect h="500" w="500" x="0" y="500"></rect> <rect h="500" w="500" x="500" y="500"></rect> <rect h="500" w="500" x="0" y="0"></rect>							
Smart map	<th></th>							
Search	l c							
Joystick								
Keyboard								
Access Control								
Smart Layout creator								
Bosch KBD Options								
Smart RC Display Controller								
Smart RC Options								
Camera Image Overlay								
Alarm Manager								
Advanced	The configuration will be reloaded in case of changes!	Ontional transfor System wide						
Lanquage		Optional transfer System wide						
Help		Close						

- A Select a Layout from the drop down box and press "Modify Layout" or press "Create new Layout" to open the WYSIWYG Editor.
- B If the "All Layouts -> Edit XML" is selected in [A] you can edit the configuration directly in the Editor.
- C In order to use the created Layouts in another Installation you can ex- and import the XML
   Configuration File. By default the created Layouts are only available in the local Smart Client
   Application. In order to use the Layouts System wide, you can use the
   "Optional transfer System wide" Button.



#### 3.2 Use the WYSIWYG Editor to design a Layout

Smart Toolbox - Layout creator - WYSIWYG Editor											
Properties: View Layout name: View Layout Rectangle Properties: Screen Vidth: 1920 ⊕ Screen Height: 1980 ⊕ Relative: Absolute: Start X: 0 ⊕ 0 ⊕ Start Y: 0 ⊕ 0 ⊕ Start Y: 0 ⊕ 0 ⊕ Vidth: 500 ⊕ 960 ⊕ Height: 500 ⊕ 540 ⊕ Delete Rectangle	0	<u>00</u> ,, 200,		Layer up Layer down Layer full top Layer full down Add Camera so Remove Camera Add Backgrour Remove Backg	urce a source id image Level: 4	, 600 , , , , , , , , , 700 ,	Level: 5		0 _0		
View Layout ID: x0000000-x000-x000-	-xxxx-xx000000000	or	x=0 y=0 wid	th=500 height=500				Abort	Save		

A Layout Properties:

Set a Name for the new Layout and Use the Rectangle Properties to adjust the select Rectangle manually

B Use the Mouse to draw new Rectangles. If the "Snap to grid when drawing" in [A] is activated, you will be supported by the editor to align rectangles.
By Using the Context Menu of a Rectangle, you can set the Layer level.
You can also add a Camera or Image into the Layouts to have a preview.



After Saving the Layout, you will see the created XML in the XML Editor. In order to use the Layout for a View, you will find this layout under "Custom Layouts" or in the related ViewLayout Group if you used the System wide option.

#### Please note:

The Rectangles of a Layout are stored in the View itself. This means, that when you change a View Layout, this will not have an effect or update an already created Views!



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