

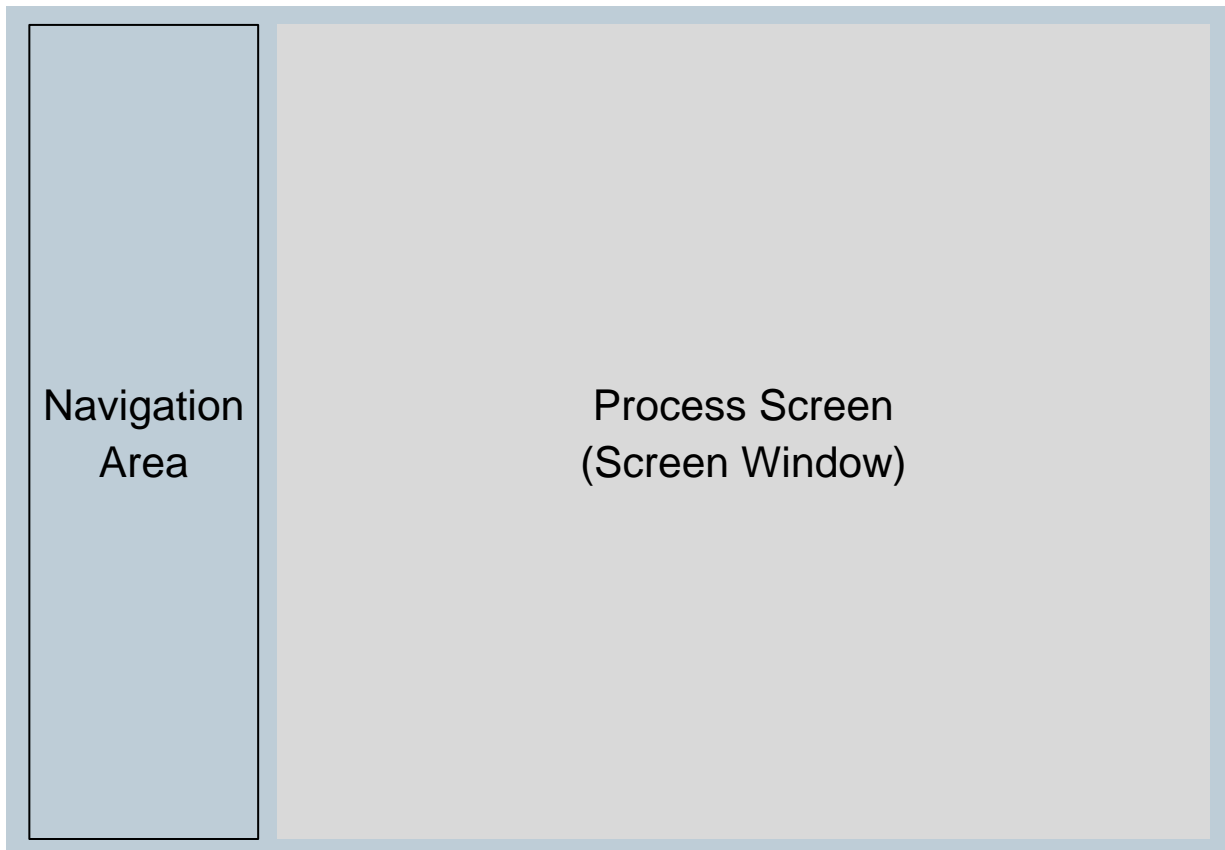
The image features a 3D-style illustration of a WinCC Unified project. A central laptop displays a software interface with a circular gauge showing the number 30. Above the laptop, several semi-transparent blue panels and screens are arranged in a perspective view, showing various UI elements like navigation menus, data displays, and a '2.4' version indicator. The background is a light blue grid pattern.

WinCC Unified Screen Navigation

SIMATIC WinCC Unified

Hands On: Screen Windows & Screens

HANDS ON



1. Create the following additional screens:
 1. Overview
 2. Production
 3. Alarm
 4. Trends
2. Add a Screen Window to Main Screen
3. Add and Define navigation buttons to change Process Screen to selected screen
4. Download and test

SIMATIC WinCC Unified

Add additional screens and resize

The screenshot shows the SIMATIC WinCC Unified interface. On the left is the Project tree, in the center is the Alarm screen design workspace, and on the right is the Properties table for the selected screen.

1 In the Project tree, the 'Alarm' screen is highlighted under the 'Screens' folder. Four other screens ('Main Screen', 'Overview', 'Production', 'Trend') are also visible with arrows pointing to them.

2 The Alarm screen design workspace shows the word 'Alarm' in a large, bold font, with a circled '2' next to it.

3 The Properties table for the 'Alarm [Screen]' is shown below. The 'Size and position' section has 'Size - height' set to 480 and 'Size - width' set to 645, with a circled '3' next to the table.

Name	Static value	Dynamization (0)
▼ Appearance		
▶ Background - alt...	235, 235, 235	None
▶ Background - co...	192, 192, 192	None
▶ Background - fill...	Solid	None
▼ Format		
▶ Alignment - hori...	Left	None
▶ Alignment - vert...	Top	None
▶ Background - fill...	Window	None
▶ Background gra...	Stretch to fit	None
▶ Miscellaneous		
▶ Security		
▼ Size and position		
▶ Size - height	480	None
▶ Size - width	645	None

1. Add (4) screens and change the names as shown
2. Place a title on each screen, 32pt, bold
3. Set properties as shown for each new screen

Note: Highlight the Screen to change it's properties

SIMATIC WinCC Unified

Add a Screen Window to the Main Screen

The screenshot shows the SIMATIC WinCC Unified interface. The main workspace displays a grid with a red circle '1' indicating the area to be cleared. A 'Screen window_1 [Screen window]' control is being added from the 'Controls' section of the 'Toolbox' (indicated by a red circle '2'). The 'Properties' window for 'Screen window_1' is open, showing various settings. A red circle '3' highlights the 'Miscellaneous' section, which contains the object name 'HmiScreenWindow'. A list of properties is shown to the right of the Properties window, with checkboxes for various options.

Name	Static value	Dynamization (0)
Screen	Overview	None
Appearance - st...	HmiScreenWindow	
Focus - show vis...		None
Title row - color	145, 147, 154	None
Window settings	Show border	None
Format		
Horizontal scroll...	0	None
Horizontal scroll...	Automatic	None
Size - fit	Fit screen to window	None
Vertical scroll b...	0	None
Vertical scroll b...	Automatic	None
Zoom - allow		None
Zoom - factor	1	None
Miscellaneous		
Security		
Size and position		
Position - left	155	None
Position - top	0	None
Size - height	480	None
Size - width	645	None

- None
- Show heading
- Show border
- Always on top
- Can be sized
- Can be moved
- Can be maximized
- Can be closed
- Always in parent

1. Delete the items on the Main Screen
2. Drag a Screen Window control from the Toolbox
3. Set properties as shown

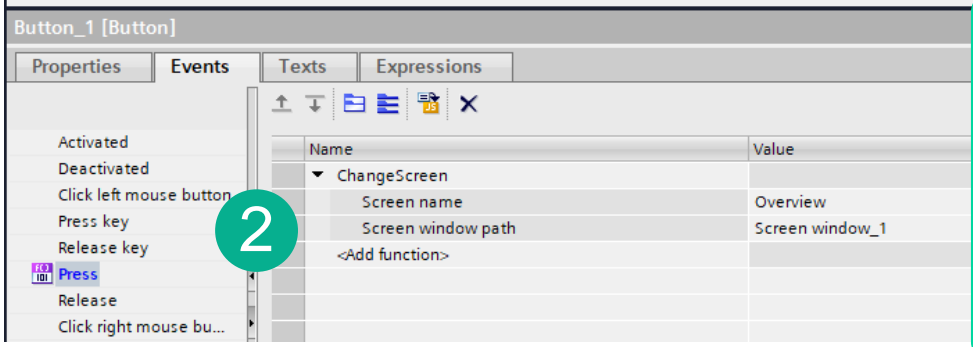
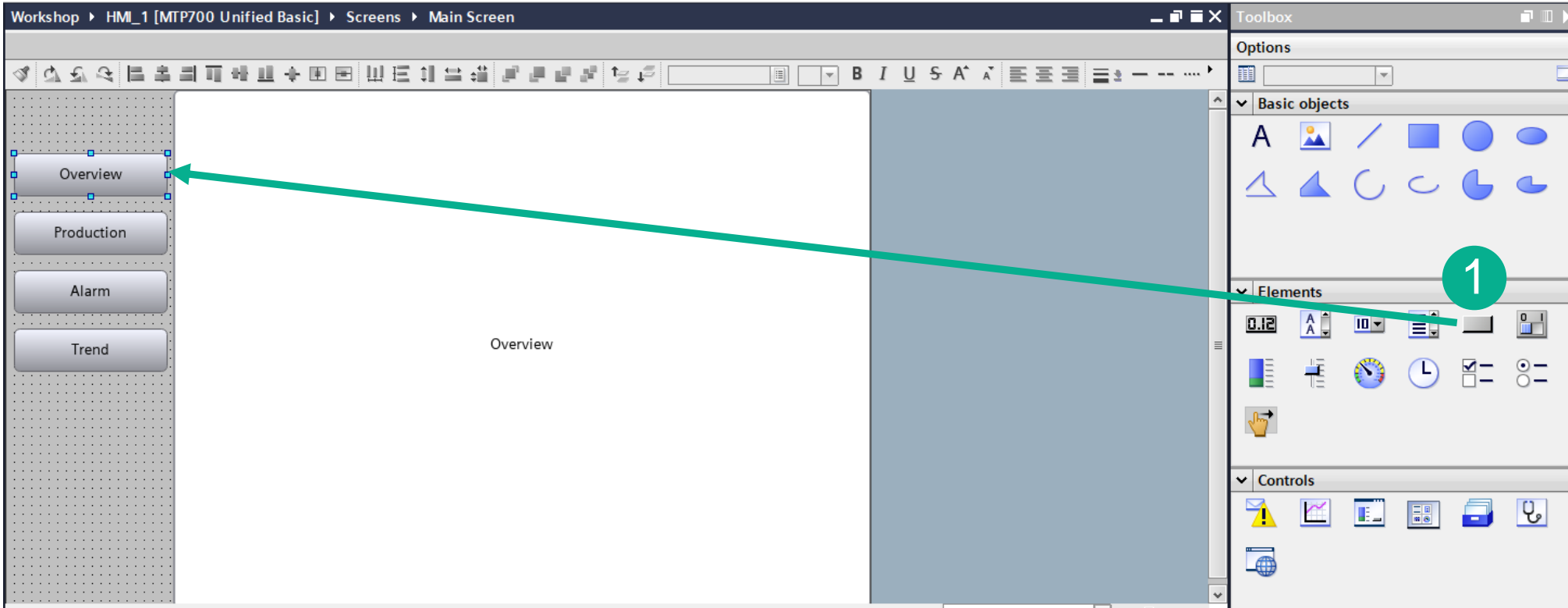
Note: Highlight the Screen Window to change it's properties

Note: The Size height/width matches the setting we changed when creating the screens.

Note: The Miscellaneous section shows the name of this object, it's a good idea to change this to something meaningful. We will leave it at default

SIMATIC WinCC Unified

Add a Screen Window to the Main Screen



1. Drag (4) Buttons from the Elements toolbox and change the text as shown
 2. Add a ChangeScreen function to the Press Event for each button. Be sure to match the Screen name with the correct screen
- Note: Highlight the Button to change it's properties**

SIMATIC WinCC Unified Save/Compile and test

The screenshot displays the SIMATIC WinCC Unified software interface. The top menu bar includes 'Project', 'Edit', 'View', 'Insert', 'Online', 'Options', 'Tools', 'Window', and 'Help'. The toolbar contains icons for 'Save project', 'Go online', and 'Go offline'. The 'Project Tree' on the left shows a hierarchy with 'HMI_1 [MTP700 Unified Basic]' selected. The 'Simulation' button is highlighted in the toolbar. The main window shows a 'Trend' screen with buttons for 'Overview', 'Production', 'Alarm', and 'Trend'. A green callout box contains a numbered list of steps.

1. Save the project
2. Highlight the HMI device in the Project Tree
3. Press the simulation button
4. Test your screens
5. Close the simulator when finished

Get started smoothly with the WinCC Unified System

Supporting Materials

Tutorial Center

Video series for an easy start with the WinCC Unified System. Learn all the things you need to get started smoothly.

Template Suite

Ready-to-use screen templates for PC Systems and the Unified Comfort Panels in a free TIA Portal library incl. Wizard.

Get started or modernize

Everything you need know when you want to switch from an existing visualization to the WinCC Unified System



Find all the supporting materials for the WinCC Unified System at a glance
<https://support.industry.siemens.com/cs/ww/en/view/109777887>

Modernize **NOW**:
www.siemens.com/modernize-now

WinCC Unified Workshop



Siemens Industries Inc Digital Industries Factory Automation Visualization

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