WinCC Unified Device Handling

SIMATIC WinCC Unified
Hands On: Project Creation & Runtime Start

HANDS ON

1. Add a Unified Panel to your TIA Project

2. Create a Start screen called 'Main screen'

3. Add some elements

4. Create User (admin) and password

5. Compile and simulate your project

DI FA S SUP HMI

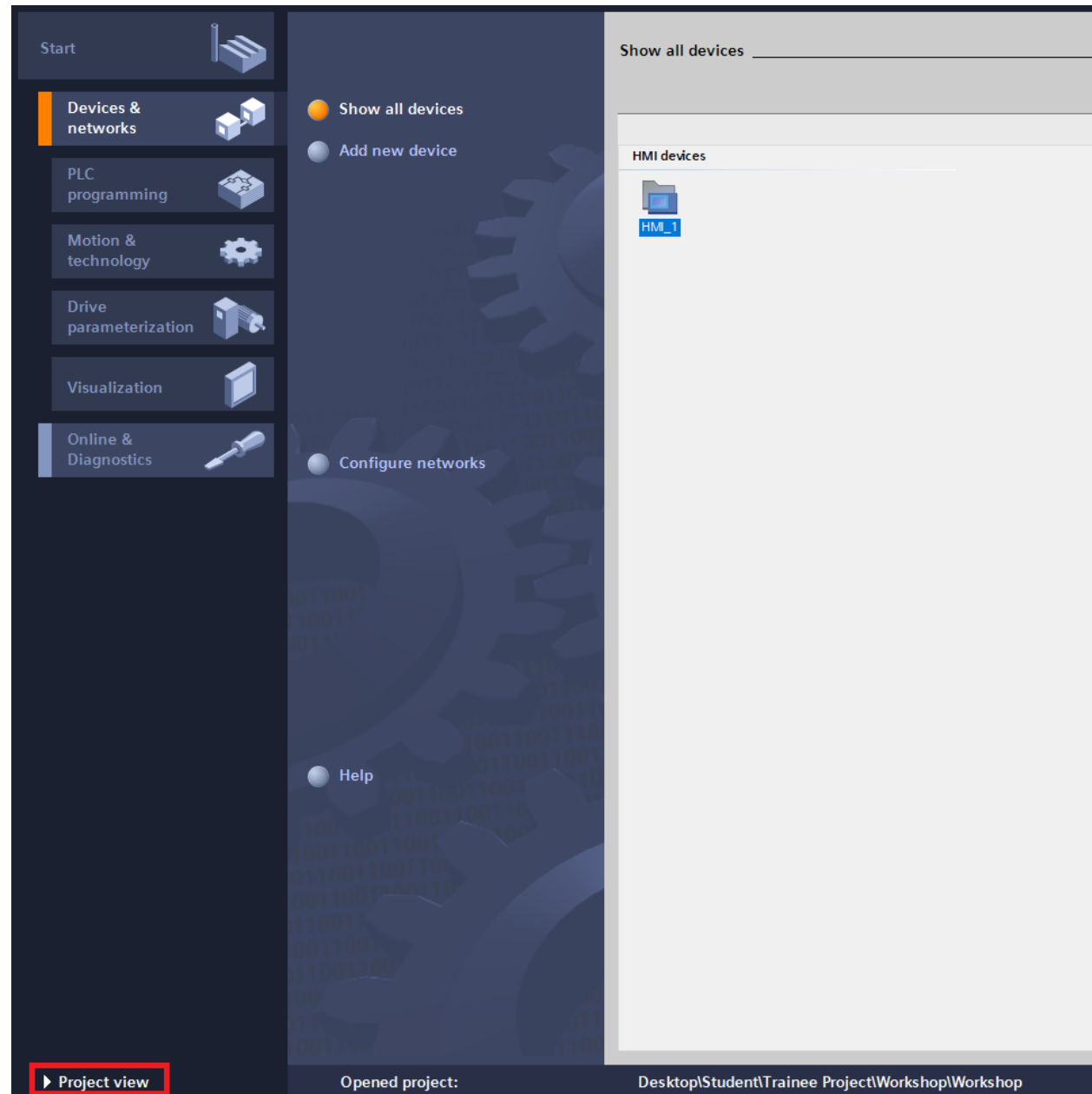# SIMATIC WinCC Unified
Create a new project and Add Device
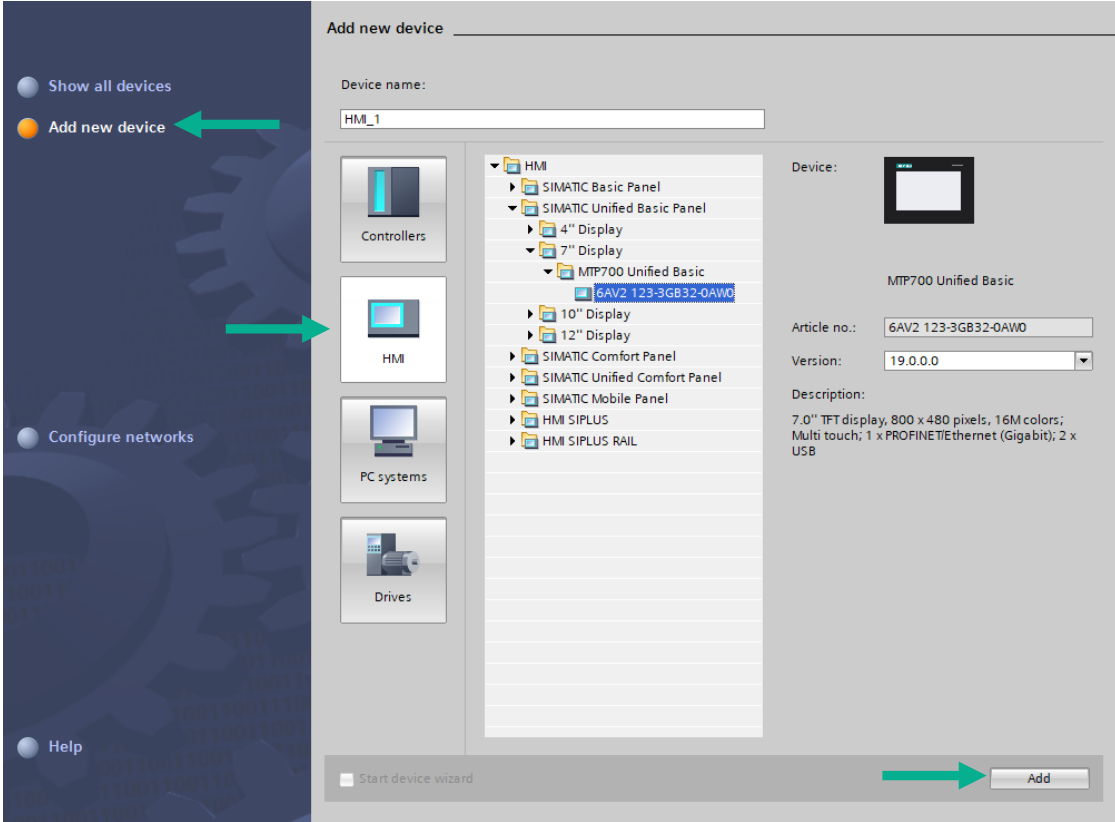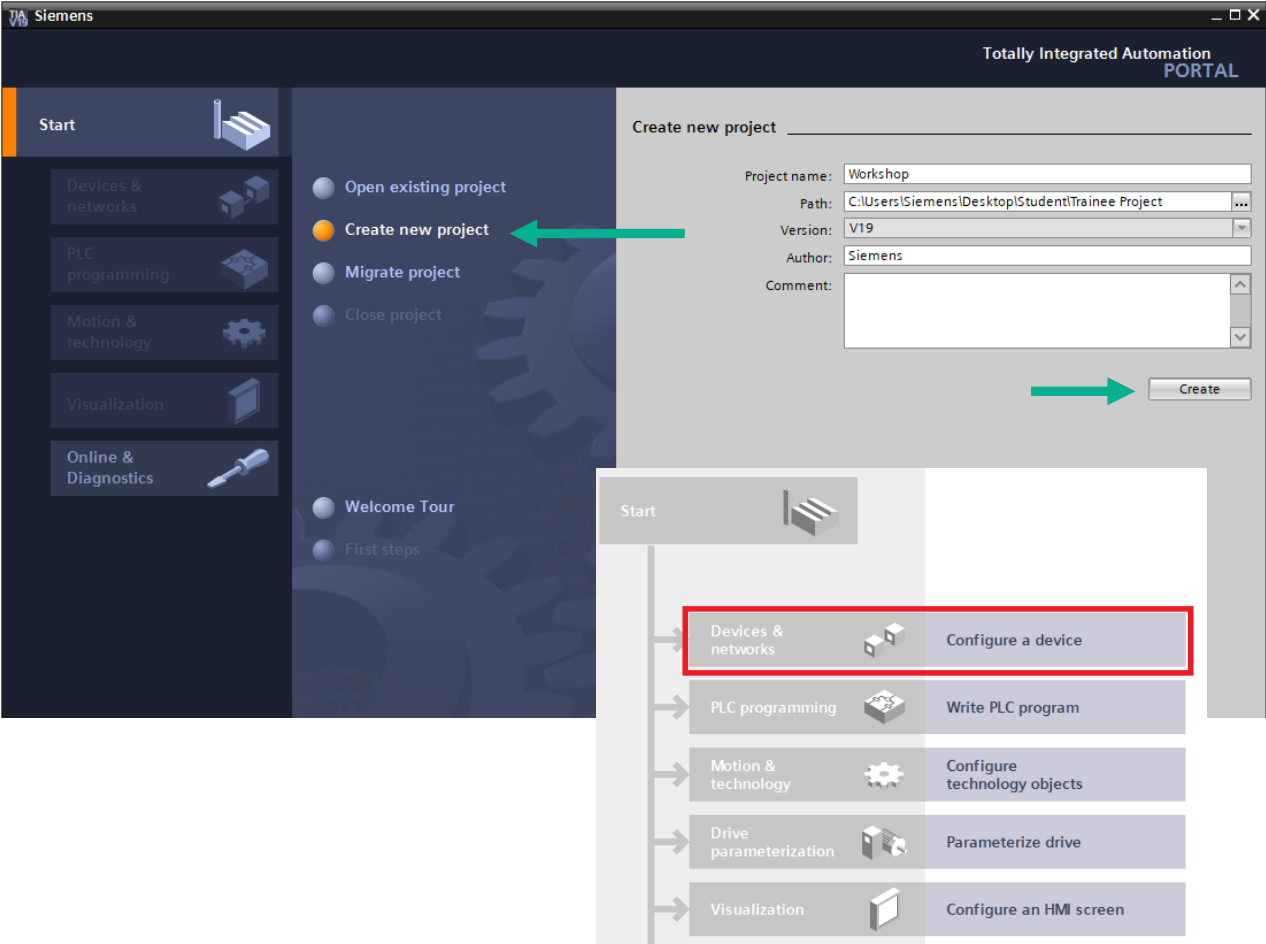
Add either Unified Basic OR Unified Comfort 7" panel

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SIMATIC WinCC Unified
Working in the Device View

Switch the "Data Driven" Project view

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SIMATIC WinCC Unified
Add Screen and Elements

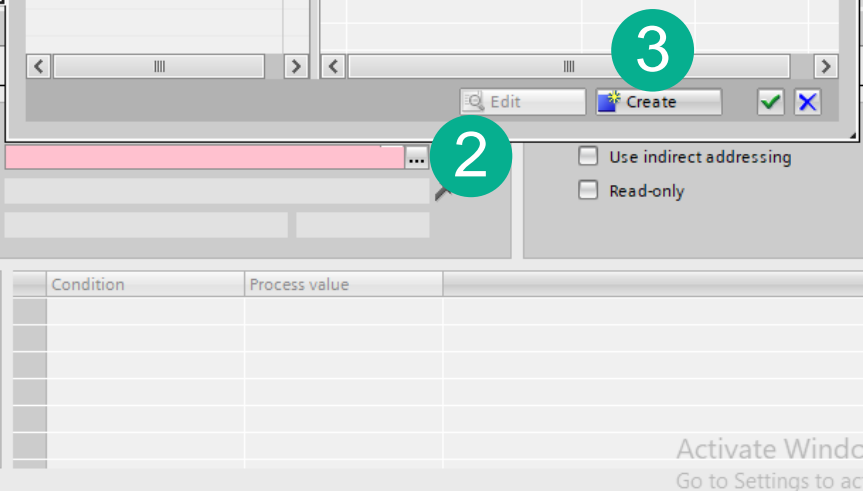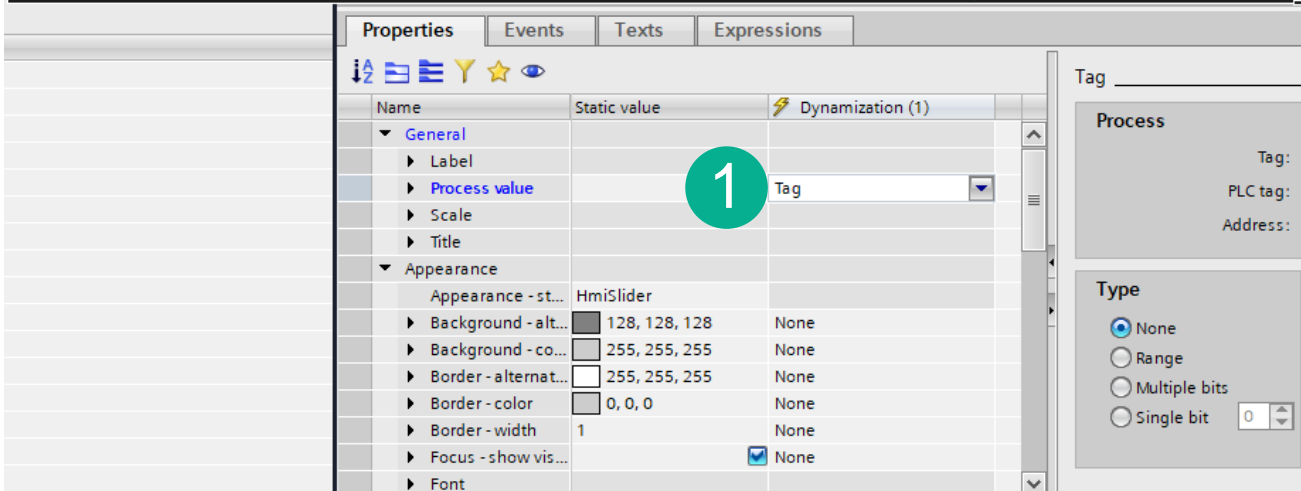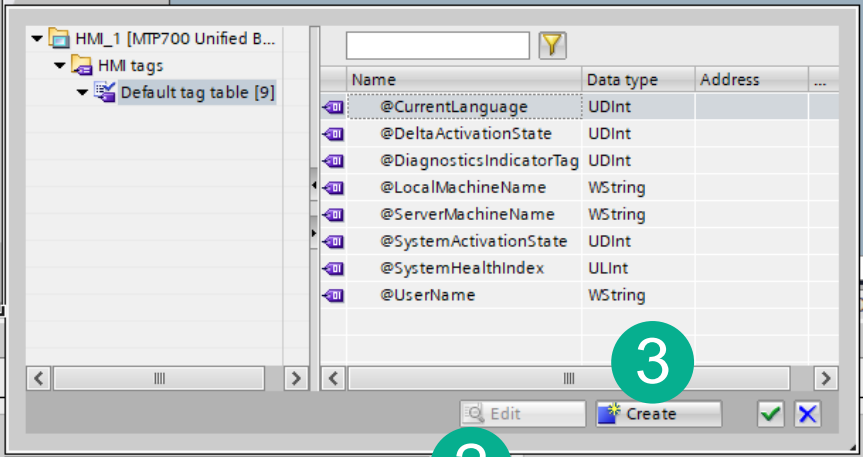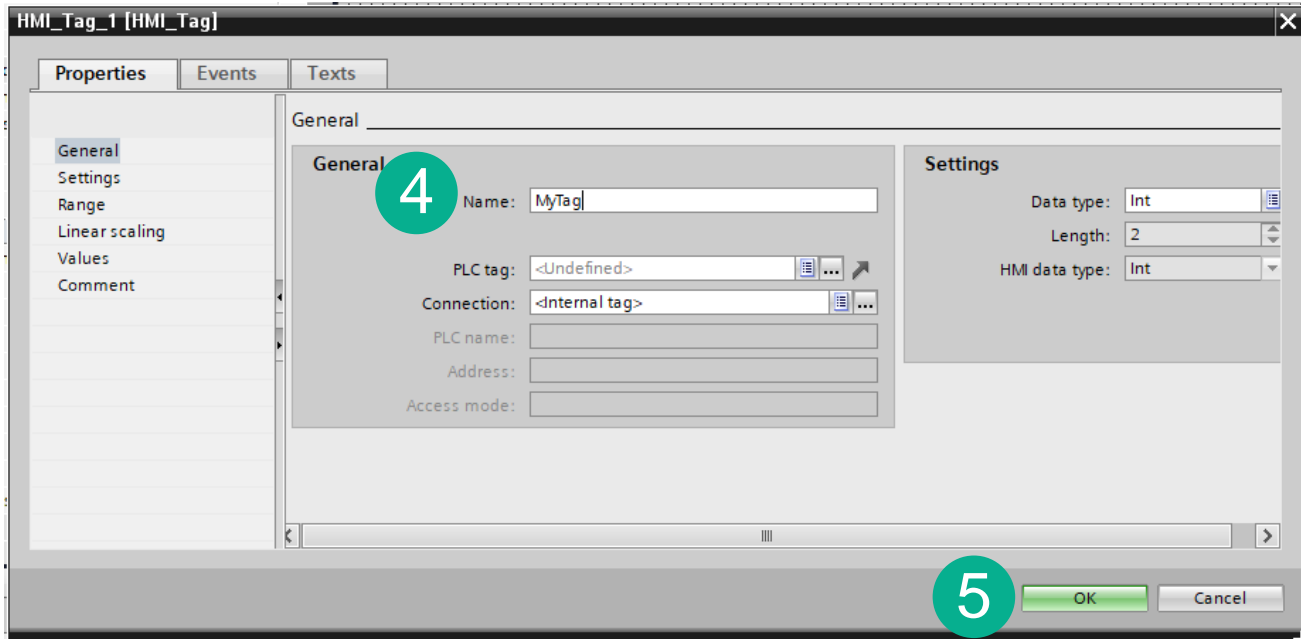

1. Add a new screen, rename as shown

2. Drag and drop the Slider, Gauge, IO field and Text Box elements into the screen from the toolbox as shown

3. Resize Text field to 32 - Bold

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SIMATIC WinCC Unified
Change Properties – Highlight Slider

1. Change to "Tag"
2. Click "…" to browse
3. Create a tag
4. Rename tag
5. Confirm change

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SIMATIC WinCC Unified
Change Properties – Highlight Guage

1. Change to "Tag"
2. Click "…" to browse
3. Select "MyTag"
4. Confirm change

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SIMATIC WinCC Unified
Change Properties – Highlight IO Field

1. Highlight Default tag table

2. Drag "MyTag" from Details view on top of IO Field

3. Observe Process tag is automatically filled in

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SIMATIC WinCC Unified
Runtime Settings

1. Open Runtime Settings

2. Uncheck encrypted transfer

3. Verify that Start Screen is set as shown

SIMATIC WinCC Unified
Create Users

1. Under Security Setting select Users and Roles

2. Add a new local user

3. Select HMI Administrator role

4. Set password to 'Siemens1!'

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SIMATIC WinCC Unified
Download to Simulator - Test the screen

1. Select HMI device in the Project Tree

2. Press Start Simulation, Portal will open the default browser

3. Test your work

4. When finished close the browser

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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

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WinCC Unified Workshop

Siemens Industries Inc
Digital Industries
Factory Automation
Visualization

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