

Quick Start — Adding the Symbols to TIA Portal

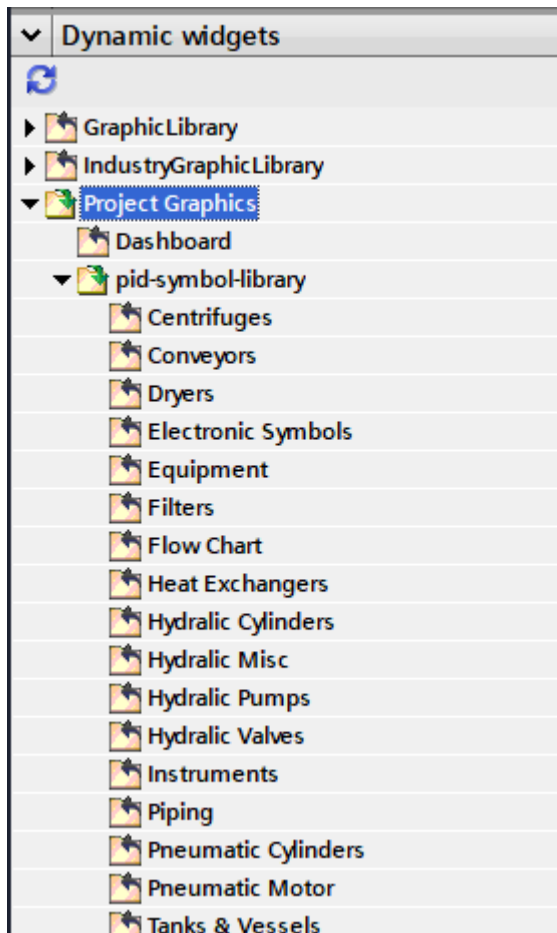
Install the widgets

1. Copy everything from **SVGHMI/** (this DEMO folder, or the full library) into:

```
<YOUR_PROJECT_FOLDER>\UserFiles\SvgControls\
```

Create the **SvgControls** folder if it doesn't exist. Category subfolders are picked up recursively.

2. Open the TIA Portal project.
3. Open any HMI screen.
4. In the **Dynamic widgets** toolbox, click **Refreshes the outdated dynamic graphics**.



5. Drag the new symbols onto your screen.

Bind dynamic properties

Each widget exposes:

Property	Default	Bind to
StrokeColor	0xFF003248	colour by alarm / state
BasicColor	0xFFEEEEEE	fill by running state
StrokeWidth	1	accent / focus
Flip	false	mirror for reverse flow

After editing widgets, run **Compile** → **Rebuild All** so the delta loader picks up new versions in Runtime.

Tested in TIA Portal **V18 / V19 / V20 / V21**, compatible with WinCC Unified, WinCC V8 and WinCC Professional V20.