



Installation and Activation Guide

HMI Screen Manager V1.3.3 | TIA Portal V21 Early Access

IMPORTANT - BEFORE INSTALLATION

1. Save every currently open TIA Portal project.
2. Close all open screen editors and dialogs in TIA Portal.
3. Completely close TIA Portal before starting the installer.

Do not install or update Besenix HMI Screen Manager while a TIA Portal project is open. Closing TIA Portal prevents locked engineering files and ensures a clean TIA Openness connection after installation.

1 System requirements

WINDOWS Windows 10 or Windows 11, 64-bit	TIA PORTAL TIA Portal V21 installed and operational
OPENNESS TIA Portal Openness V21 / net48	USER ACCESS Windows user authorized for Siemens TIA Openness

2 Install the application

1	Save your engineering work Save every open TIA Portal project and complete any pending import, compile or download operation.
2	Close TIA Portal completely Close screen editors, dialogs and the TIA Portal application before running setup.
3	Start the installer Run Besenix_HMI_Screen_Manager_Setup_v1.3.3.exe and approve the Windows User Account Control prompt.
4	Choose the shortcut option Keep the Start menu entry and optionally enable the desktop shortcut.
5	Complete setup Finish installation. Besenix HMI Screen Manager is installed under Program Files and can be removed from Windows Installed apps.



BESENIX HMI SCREEN MANAGER

Trial activation, first TIA Portal connection and support

3

Activate the trial license

1

Start Besenix HMI Screen Manager

Open it from the Start menu or the desktop shortcut. TIA Portal may remain closed during activation.

2

Copy the Machine ID

The activation window displays the unique Machine ID of this computer.

3

Send the Machine ID to Besenix

Reply to the original email or send it to hello@besenix.com.

4

Receive your license

Besenix will create a signed .license.json file specifically for this computer.

5

Import the license

Click IMPORT LICENSE, select the received file and confirm that the application opens.

4

Connect to TIA Portal for the first time

1

Start TIA Portal V21

Open the required project and wait until TIA Portal has finished loading.

2

Save the project

Save or archive the project before any screen import, replacement or deletion.

3

Close open HMI screen editors

Keep the project open, but close individual screen editors that could lock the target screen.

4

Start Besenix HMI Screen Manager

Run it under the same Windows user as TIA Portal and click CONNECT TO TIA PORTAL.

5

Approve Openness access

If Siemens displays an authorization prompt, allow the requested connection and wait for the HMI screen list to load.

FIRST TEST RECOMMENDATION

Use a copy or archived version of the TIA Portal project for the first test. After importing a screen, compile it and visually verify all objects, text, tags and navigation before production use.



5 Troubleshooting

Problem	What to check
The application cannot find the open TIA project	Use TIA Portal V21, run both applications under the same Windows user and confirm TIA Openness authorization.
The trial license is rejected	Send the exact Machine ID and the full error message to hello@besenix.com . A license from another computer cannot be used.
Windows displays Unknown publisher	This is expected for the current early-access build. Continue only when the installer came directly from Besenix and its filename is correct.
The EXE attachment is blocked by email	Request a private download link from Besenix instead of asking anyone to disable mail or endpoint security.

WINDOWS SECURITY NOTICE

The early-access installer is not yet digitally code-signed, so Windows may display an Unknown publisher message. Only continue when the installer was received directly from Besenix and the filename matches this guide.

6 Safe-use reminders

1	Keep a project backup Create a TIA Portal archive or test copy before importing, replacing or deleting any HMI screen.
2	Verify every imported screen Compile the HMI and inspect objects, text, tags, navigation and scaling before production use.
3	Understand the scope Besenix HMI Screen Manager modifies engineering data only. It does not download to the PLC or HMI panel.
4	Protect your license Do not forward the personal .license.json file. It contains customer and computer identification data.

SUPPORT

When reporting a problem, include the application version, HMI device type, TIA Portal version, a screenshot and the relevant log messages. Contact: hello@besenix.com | <https://besenix.com>