How to install an HSP file in TIA Portal (V15/V15.1)

This guide shows you how to install an HSP file in TIA Portal V15/V15.1. A hardware support package (HSP) adds hardware to the TIA Portal hardware catalog. You download the support packages from the Siemens Industry Online Support page, add them from your file system, install them, and then verify the result.

Prerequisites

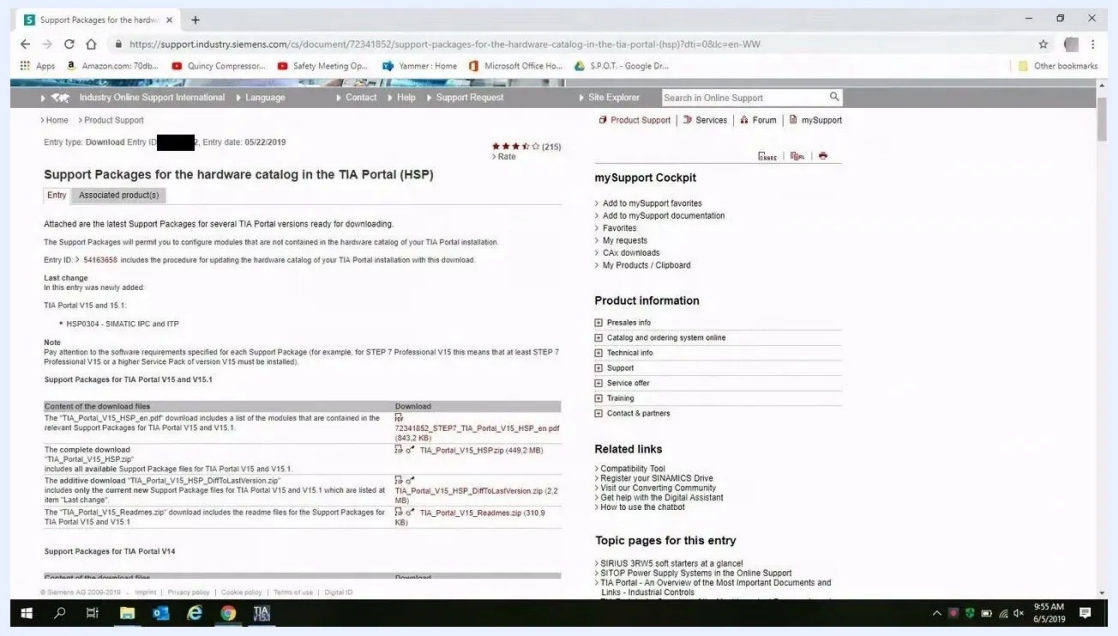
Before you begin, make sure you have the following:

- TIA Portal version 15.1 installed on your computer
- A project to open, or the option to create a new one
- Access to the Siemens Industry Online Support page for TIA Portal hardware support packages
- A dedicated folder on your desktop for the downloaded files

Step 1: Download the support packages

1. Open your web browser and go to the Siemens Industry Online Support page for TIA Portal hardware support packages.
2. Locate the section **Support Packages for the hardware catalog in the TIA Portal (HSP)**.
3. Download the complete package file indicated on the page, for example TIA_Portal_V15_HSP.zip.

4. Save the file to a dedicated folder on your desktop for easy access.

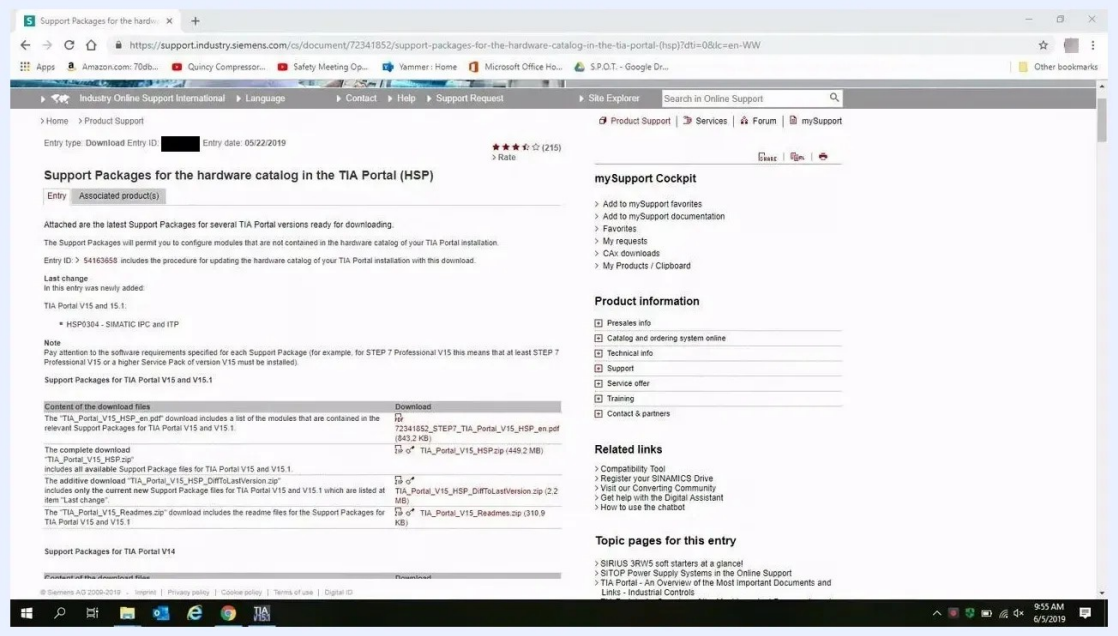


The Siemens support page in a web browser, showing download links for the TIA Portal V15/V15.1 support packages.

Step 2: Open the Support Packages window

1. Launch **TIA Portal version 15.1**.
2. Open your project or create a new one.
3. Switch to the **Project View**.
4. In the TIA Portal menu, click **Options**, and then select **Support Packages**.

5. In the Support Packages window, make sure you are on the **Installation of support packages** tab.



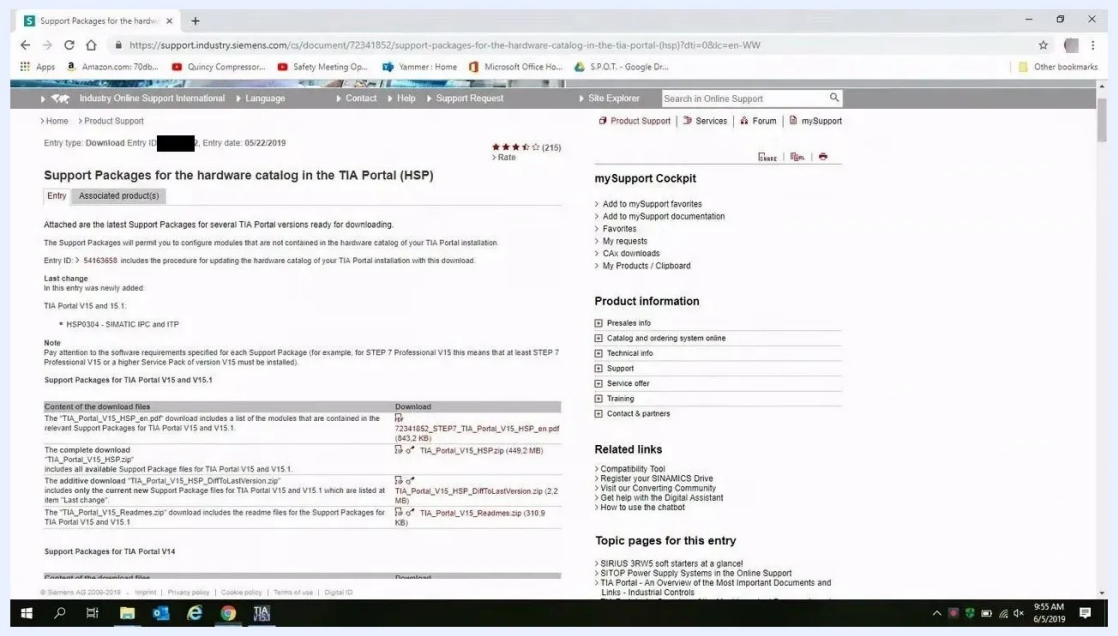
The TIA Portal interface with the Options menu and the Support Packages window open.

Step 3: Add the HSP files from the file system

To install an HSP file in TIA Portal, first add it to your local list.

1. Click **Add from file system** at the bottom of the Support Packages window.

2. In the file browser dialog, go to the folder on your desktop where you saved the downloaded support packages.

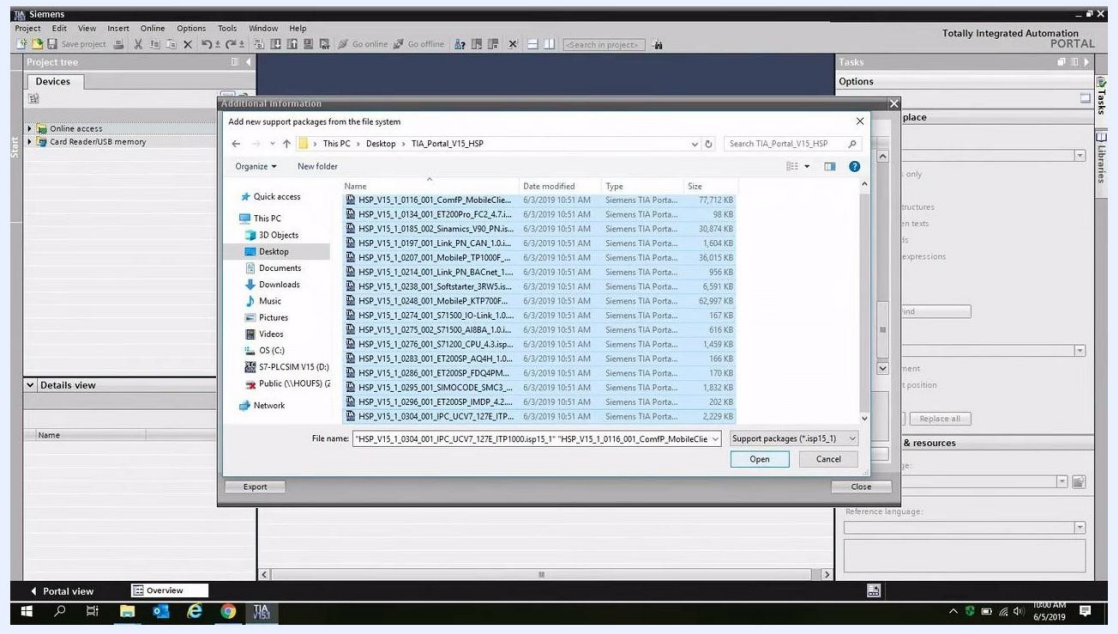


The file browser dialog in TIA Portal, showing the folder that contains the support packages.

Step 4: Select all support packages

1. In the file browser, select the first support package file in the list.
2. Hold down the **Shift** key and select the last file in the list to highlight all files.

3. Click **Open** to add all selected support packages to your local list.



Multiple support package files selected in the file browser, ready to be opened.

Step 5: Mark the packages for installation

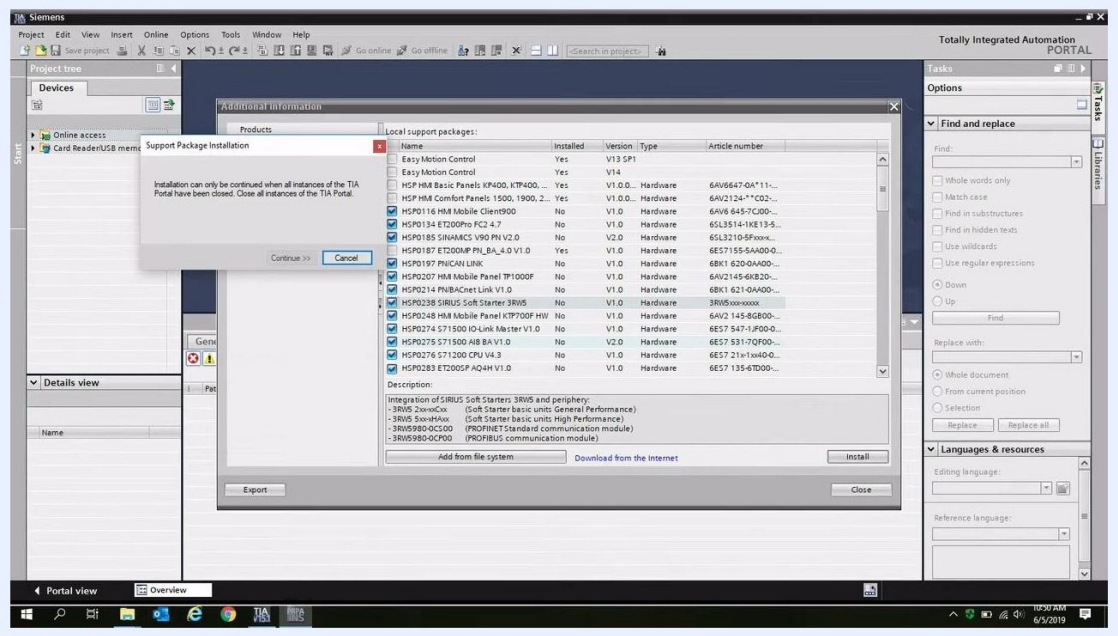
The selected hardware support packages now appear in the **Local support packages** list. Packages that are not yet installed show "No" under the **Installed** column.

Select the check boxes next to all packages that show "No" in the **Installed** column.

Step 6: Start the installation

1. Click **Install** at the bottom right of the Support Packages window.

2. Read the pop-up message: **"Installation can only be continued when all instances of the TIA Portal have been closed. Close all instances of the TIA Portal."**



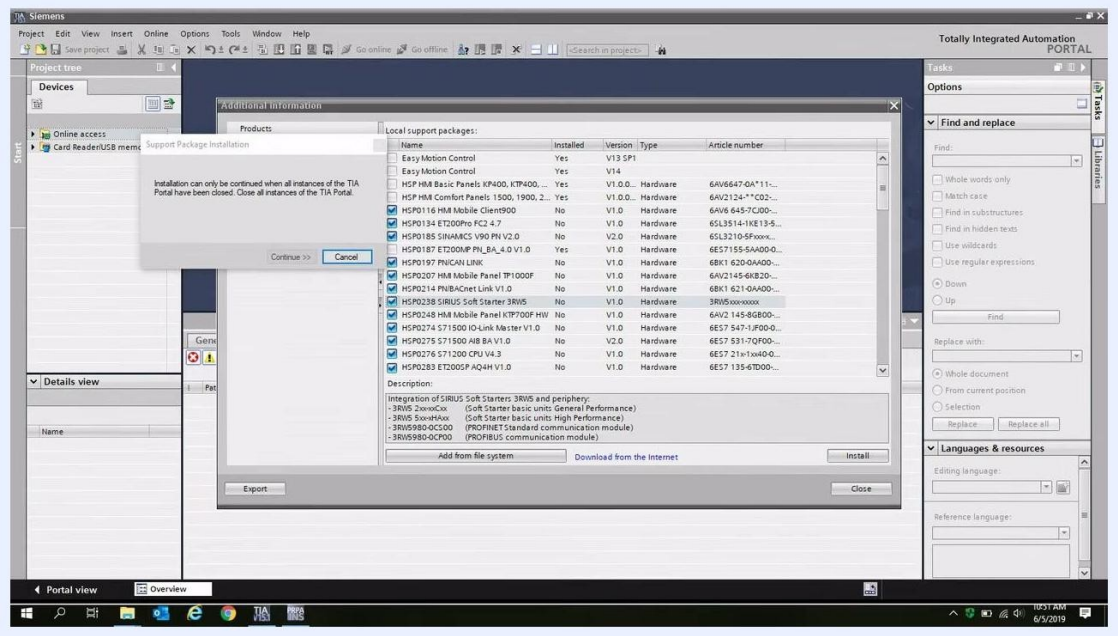
The Support Package Installation pop-up window instructing you to close all TIA Portal instances.

Step 7: Close TIA Portal and complete the installation

When the "Support Package Installation" window appears, the **Continue** button is grayed out. Do not click **Cancel**.

1. Close the **Additional Information** window.
2. Close all open instances of TIA Portal. You must do this before you can proceed.
3. Return to the "Support Package Installation" dialog on your desktop. The **Continue** button is now enabled.

4. Click **Continue** to start the installation.



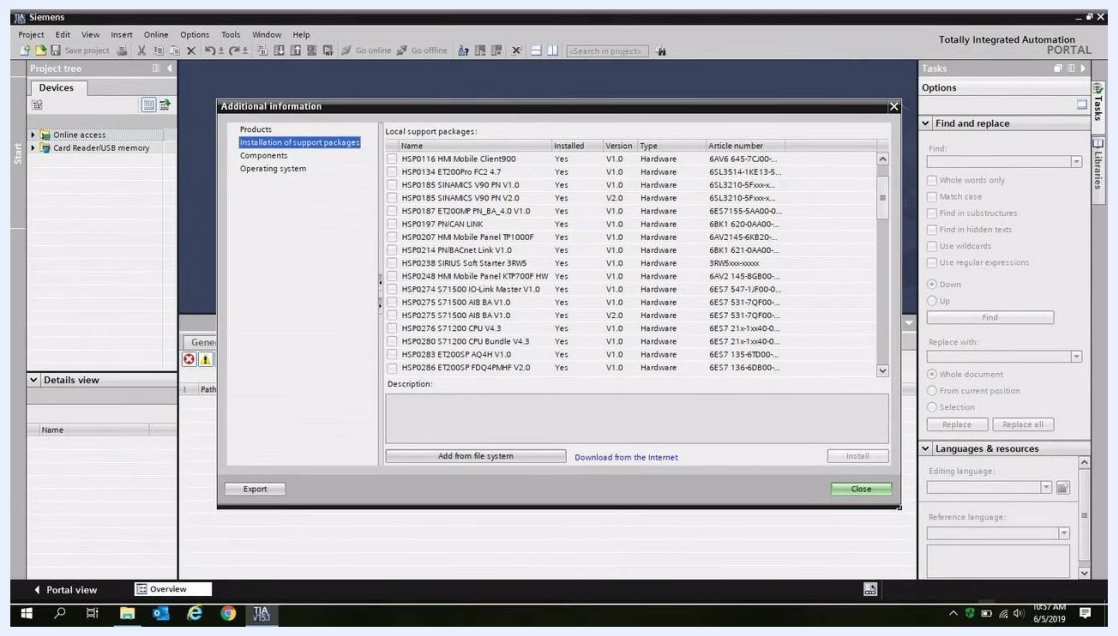
The Support Package Installation dialog on the Windows desktop, with the Continue button enabled.

Wait for the installation to finish. A pop-up confirms that the installation is complete and that you can restart TIA Portal.

Step 8: Verify the installation

1. Reopen **TIA Portal**.
2. Go to **Options > Support Packages**.

3. In the **Local support packages** list, check that all the packages you installed show **"Yes"** under the **Installed** column.



The Support Packages window in TIA Portal, with all selected packages marked "Yes" as installed.

If all packages are marked as installed, the process is complete.

Summary

You now know how to install an HSP file in TIA Portal V15/V15.1. You downloaded the support packages, added them with **Add from file system**, and marked the packages showing "No" for installation. You then closed all TIA Portal instances, continued the installation, and confirmed that every package shows "Yes" under **Installed**.