

Appendix 11: Cockpit Functions

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Introduction

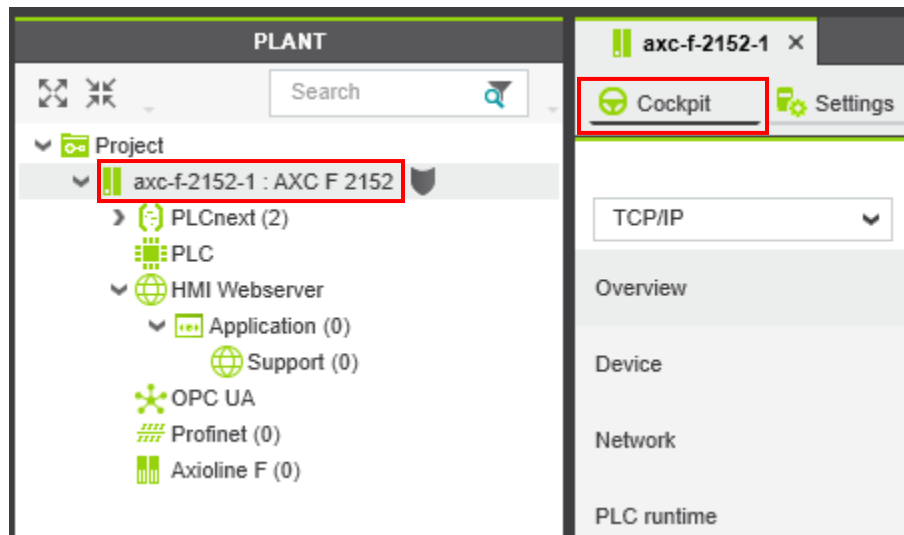
This guide will go over various function using the cockpit in PLCnext Engine

Objectives

- Understand various functions and tools available in the cockpit to help with various controller tasks.








1 – Cockpit Functions







1. To get to the cockpit go to PLANT > Project and double-click “axc-f-2152...”



2. Once in the cockpit window the functions can be utilized as well as an overview of the controller's indicators, diagnostics and utilized resources.

3. At the top of this window a toolbar exists with the cockpit functions.

-  Connect to the controller – Select this icons to establish a connection to the controller. This can be used to verify communication and view the diagnostics, resources, etc. in the cockpit window.
 - NOTE: To use a majority of the cockpit functions a connection to the controller must be established
-  Enable Debugging - Once connected to the controller use this icon to enable debug mode.
-  Switch User – Change the user logged into the controller
-  Change Password – Change the password of the current user
-  Download the project and start running it on the Controller – Select the icon to connect, download, and start the project. Choose the down-arrow for other download options.
-  Launch HMI – Opens the HMI in your default browser
-  Launch WBM – Opens a web-based manager(WBM) in your default browser.

-  Upload Project from Controller – If the project was downloaded to the controller with sources it can be uploaded to PLCnext Engineer using this icon.
-  Write Clock – Writes PC's time to the controller
-  Stops Project – Stops application running on the controller
-  Start Project – Use this icon or one from the drop down to start the application.
 - Warm Start – All data except retained data is initialized (like a reboot)
 - Hot Start – No data is initialized
 - Cold Start – All data is initialized (like a fresh download)
-  Reboot Controller
-  Reset the controller to the factory defaults