AXC F 2152 straton Runtime

straton user guide – Rev. 1

sales@straton-plc.com

straton

straton

Content

1. Introduction

The straton Runtime can be found directly on the Phoenix Contact PLCnext store:
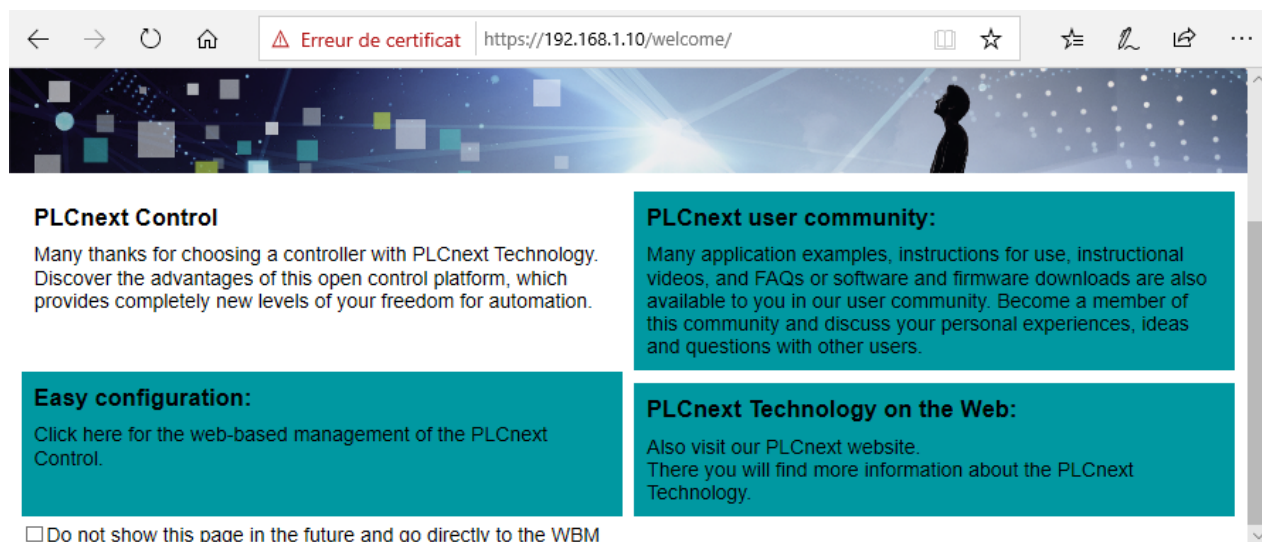
https://www.plcnextstore.com/search

This can be installed, for the moment, exclusively on the AXC F 2152 PLC (references as "the AXC" in the next chapters)

2. Installing the *.app

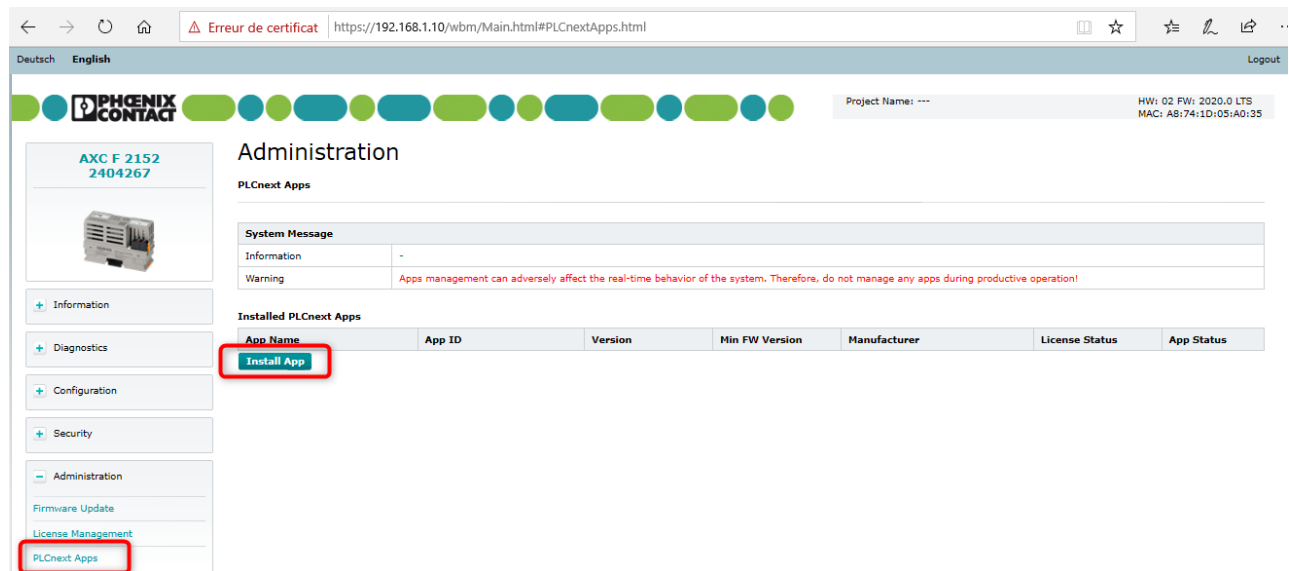The *.app must be installed from the AXC Web Based Management (WBM).

At first, access to the PLC Next WBM typing its IP address in a web brower (eg. 192.168.1.10)

If it says the connection is not secured, then ignore this warning and force the access to the website. Once on the WBM, click on "Easy configuration" at the bottom-left.

Enter the username and password used to access to the AXC, then go to "Administraton > PLCnext Apps" at the bottom-left of the window and click on "Install App"

After installing the *.app on the AXC, the straton Runtime must be started manually for a first time using the "Start" button on the right:

If the AXC must be rebooted, the straton Runtime will restart automatically.

Once started, everything useful for the Runtime is automatically created in the data folder:

▸ /opt/plcnext/appshome/data/60002172000318/

Without any license the Runtime will run for only 2 hours and be limited to 200 I/Os. The license must be in a file called "**K5License.ini**" and be present in the Runtime's data folder (see above).

The license is based on the MAC address of the AXC F 2152 Ethernet card. This license must be bought directly to STRATON AUTOMATION (sales@straton-plc.com)

To activate the license, use the following command in root mode:

\# echo B8-27-EB-C6-43-D2.0100.0.0.1234.5678 > K5License.ini

(replace B8-27-... with the license you received or created from our web interface via a #CID).

To be able to connect the Editor to the Runtime, it will automatically open the port **1100** on the AXC.

To create your first application running on the AXC F 2152, please follow the "GETTING STARTED WITH straton" user guide, as well as user guides available directly in the straton Editor, in Help > Tutorials.

The straton Editor can be downloaded directly from our Website:

https://straton-plc.com/en/downloads/

Video tutorials are available on the straton-plc Youtube channel:

https://www.youtube.com/channel/UCEbOkLKIVMZKaYPWStXcJug

Note that the straton Editor needs to be licensed **too**.

If it is not licensed, the application will be compiled to run for only 2 hours and limited to 200 I/Os, even if a license is used on the Runtime side.

Please think to check it with the sales@straton-plc.com

3. Frequently asked questions

How to find the AXC F 2152 MAC address?

It is printed on the header module at the top-right of the AXC.

If not, then login to the AXC using PuTTY (for example) then type "**# ifconfig**"

How to login as root?

Try typing "**# su**" then enter the admin password.

If no password is set, type "**# sudo passwd**" and choose a password.

Then type "**# su**" and enter the super-user password you set in the previous step.

Where is the straton application t5.cod? And where to put the K5License.ini?

The straton files (t5.cod, t5.hot, Custom folder, K5License.ini...) are all in the following folder:

- **/opt/plcnext/appshome/data/60002172000318**