

CIP Safety 3rd Party's Device Additional Tool Instructions

Background of this document

OMRON is providing this tool to add third party devices to SYSMAC Studio for users with version 1.23 or later (SYSMAC - FE001L license key installed, or July Authored version), when using the Safety Programming function.

Overview

For users with SYSMAC Studio programming the NX - SL 5_ series CPU when connecting to Ethernet/IP:

- Robot Controllers which have CIP Safety Communication Function
- Devices such as CIP Safety slaves

Purpose of this Document

When using the NX-CSG320 Communication Control Unit or Machine Automation Controller NX102 and Safety CPU Unit NX-SL5_, this software patch adds the necessary file to Sysmac Studio in order to connect with another company's CIP Safety device.

This document explains how to use the tool for uploading these files onto a computer, registering the information to Sysmac Studio below is an explanation and operation of that tool.

References

Sysmac Studio Operation Manual

www.omron247.com > Software > Sysmac Studio > Download (tab)

<https://industrial.omron.us/en/products/sysmac-studio#downloads>

Usage Case

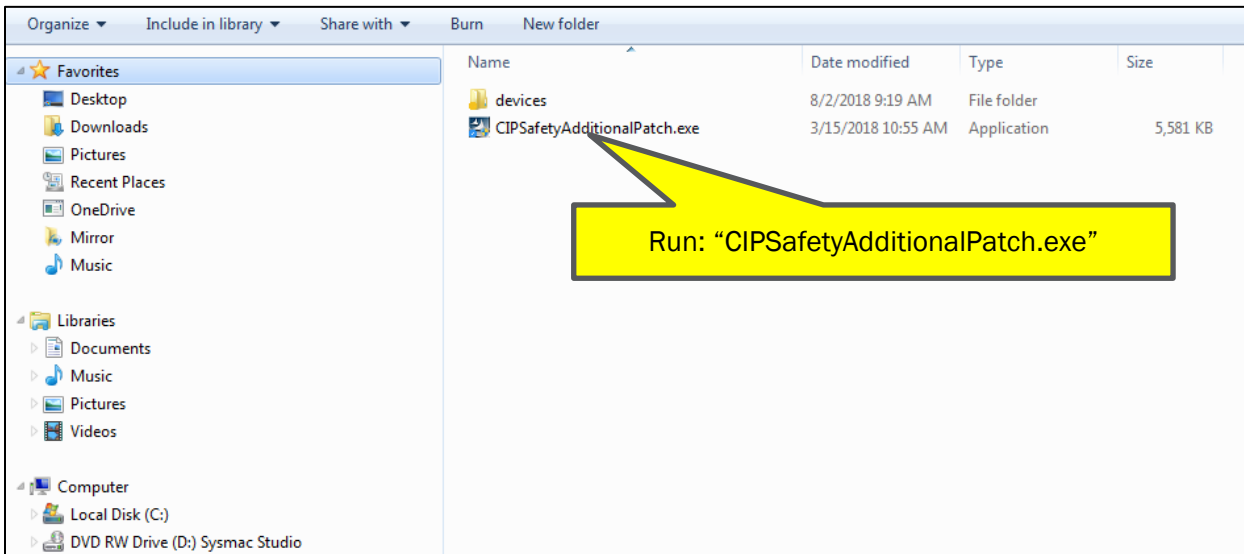
Using the communication controller unit: NX-CSG 320 Communication Control Unit or Machine Automation Controller NX102 and Safety CPU Unit NX-SL5_ with Sysmac Studio

CIP Safety 3rd Party's Device Additional Tool Function

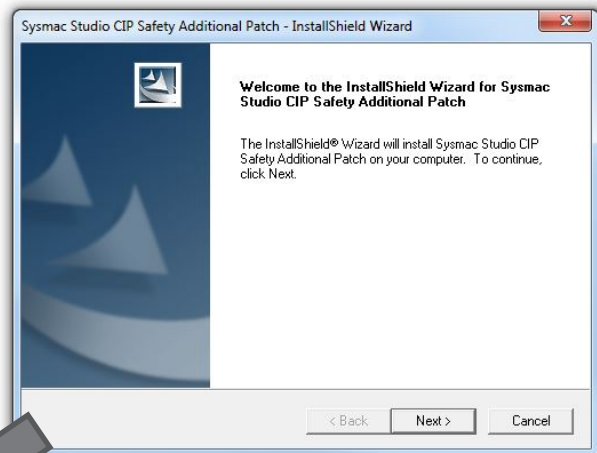
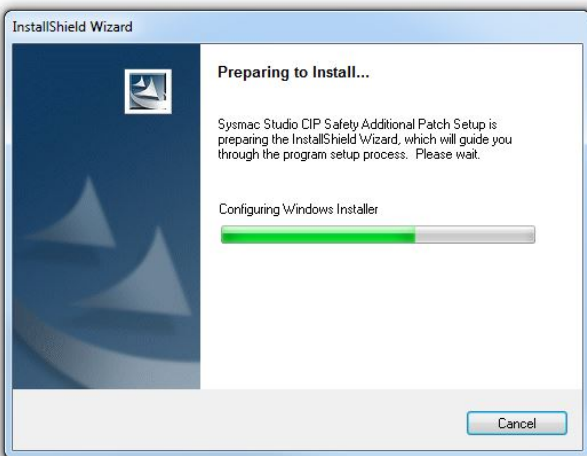
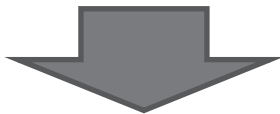
Execute the .exe file to add another company device using files provided by OMRON to Sysmac Studio sub-directories by doing so other company's CIP Safety Device will be added to SYSMAC Studio's safety programming function.

Installation procedure

Run: "CIPSafetyAdditionalPatch.exe"

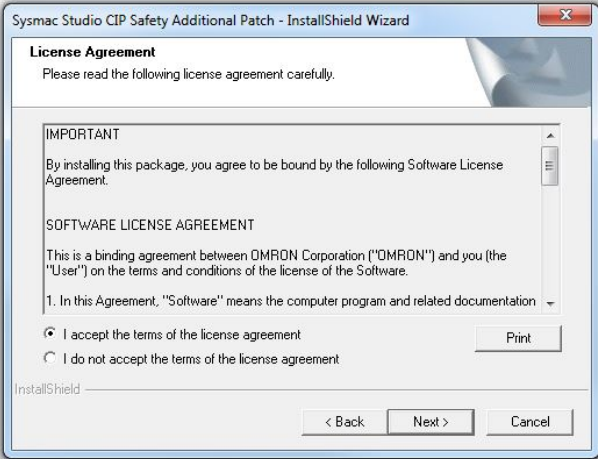


Select either English or Japanese and select "OK"

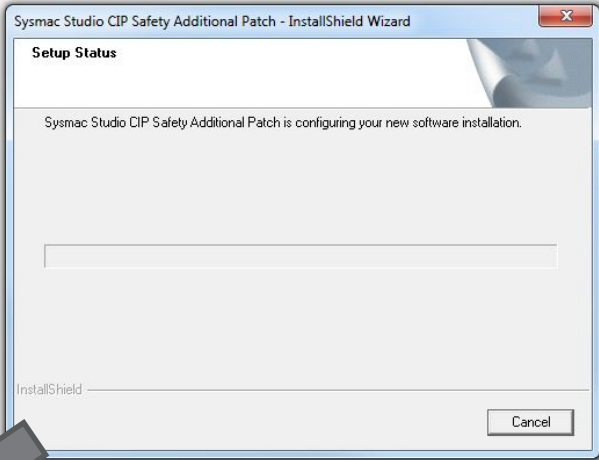
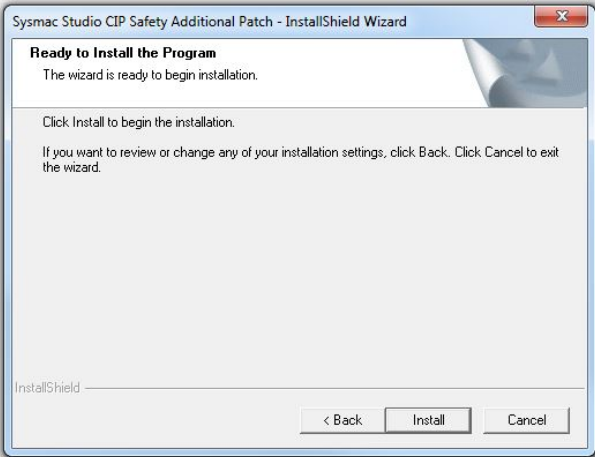
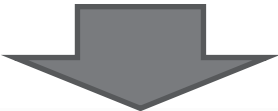


Select "Next" to continue

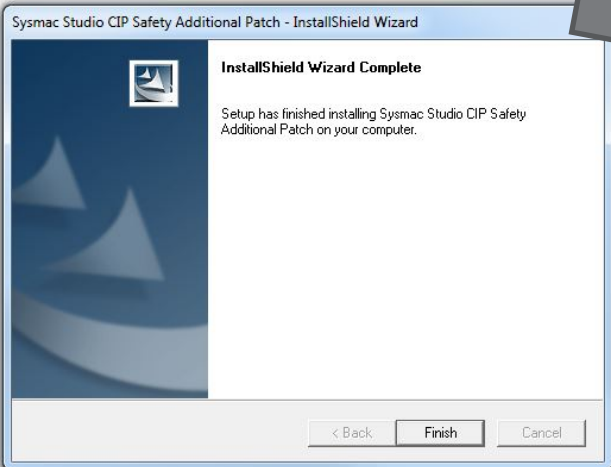




Choose "I accept the terms of the license agreement" and select "Next" to continue



Select "Install" to continue



Select "Finish" completing the installation