

Advantech SE Technical Share Document

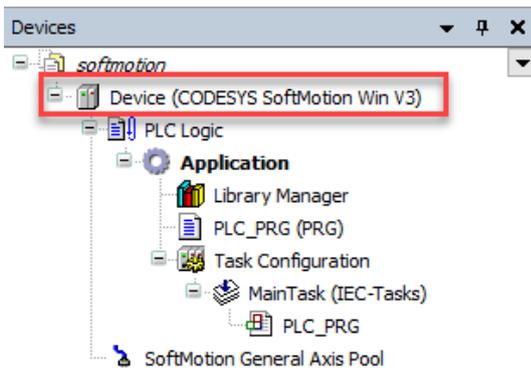
Date	2019 / 12 / 04	Related Product	CODESYS	
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note			
Abstract	How to use CODESYS softmotion simulator?			
Keyword	Softmotion, Virtual Axis			
Related OS	N/A			
Revision History				
Date	Version	Author	Reviewer	Description
2019/12/04	V1.0	Owen.Chang	Nick.Liu	

■ **Problem Description & Architecture:**

In some situation, the customer could develop the program before getting the real hardware device. The customer could leverage the simulation function of CODESYS which is called “CODESYS SoftMotion Win” which is installed with your IDE. Please execute the runtime manually by clicking Start->All Program->3S CODESYS->CODESYS Control Win V3->CODESYS SoftMotion Win V3”.

■ **Brief Solution - Step by Step:**

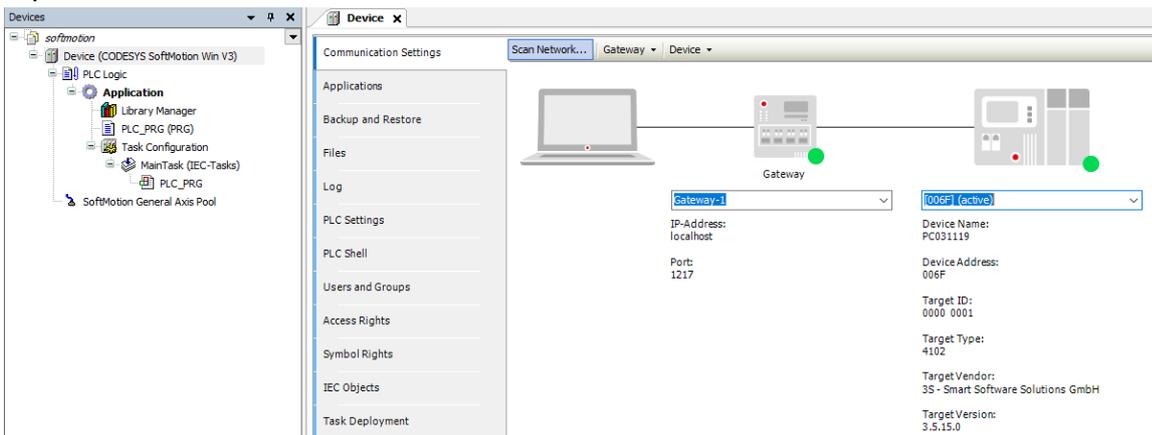
1. Choose “CODESYS” Softmotion Win V3



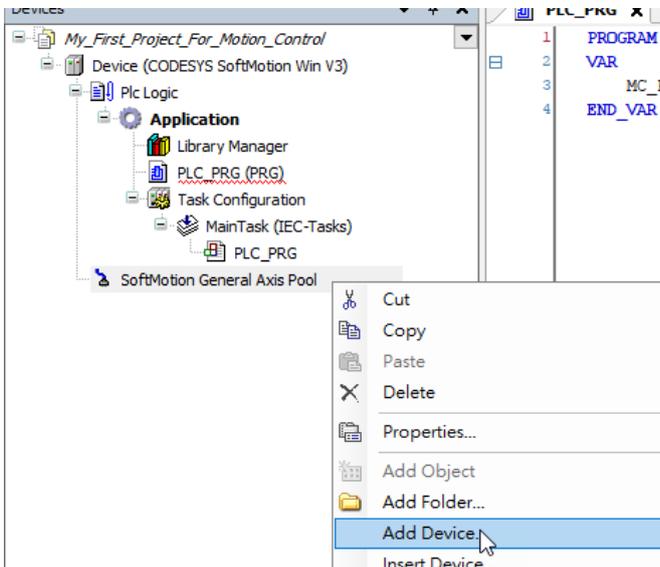
2. Open Softmotion Win V3 simulator

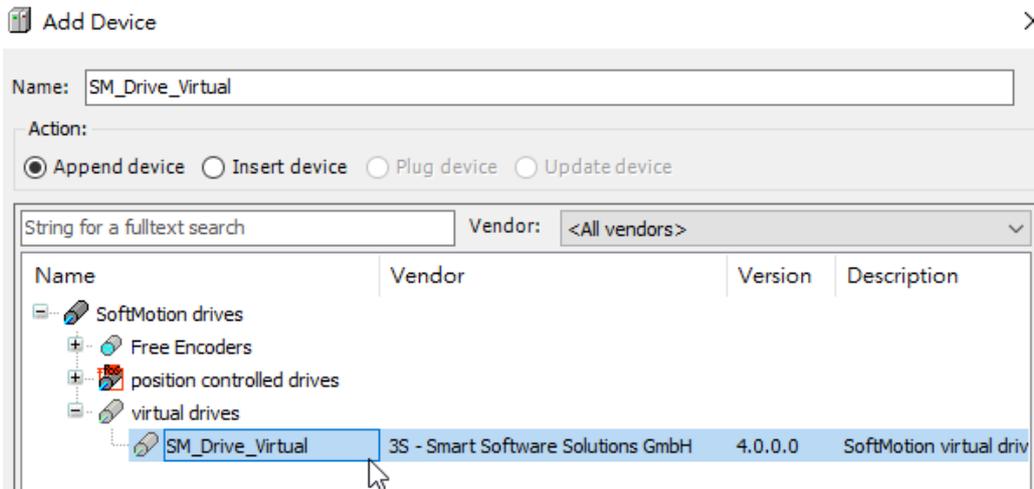


3. Try to connect to Win V3

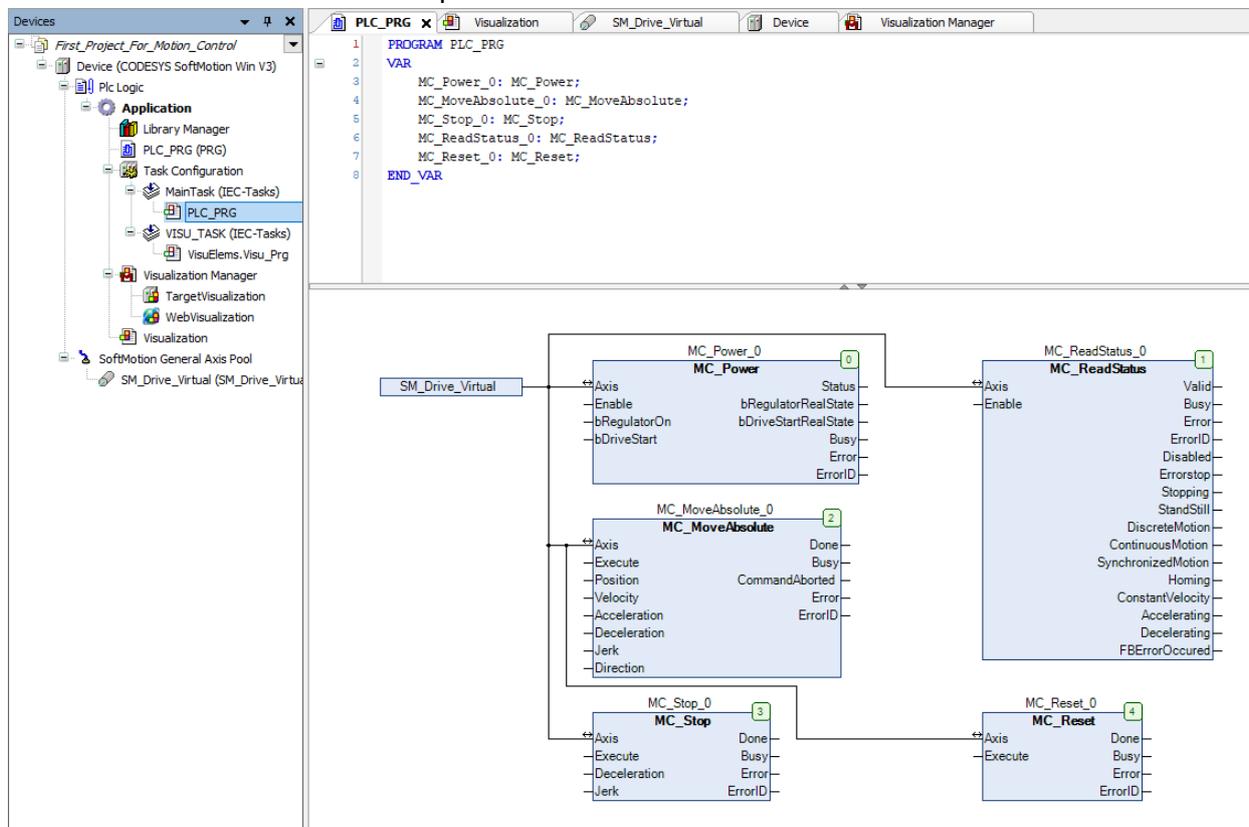


4. Add Virtual Axis





5. Then virtual drive could be the input of the motion function block.



■ **Reference:**

https://help.codesys.com/webapp/ sm f_examples;product=codesys_softmotion