How to Share variables between Vijeo Designer Stand Alone and the a PLC with SoMachine Protocol

In SoMachine

1. Add a symbol configuration and select the variables that you want to share



2. Build and do and Generate de Code : This will create and xml file that will be used to import these variables in Vijeo Designer



In Vijeo Designer

3. Add a PacDrive-Ethernet / PacDrive LMC x00C driver

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Alarms & Eve Recipes Data Logging Variables	nts	
	New Driver	Insert
New Driver		23
Manufacturer:		
Schneider Electric Industries SAS		•
Driver:	Equipment:	
Jbus (RTU)	PacDrive Cx00	
Modbus (RTU)	PacDrive LMC x00	C
Modbus TCP/IP		

4. Configure the Equipment:

Uni-Telway XWAY TCP/IP



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Cancel

Help

Write in the Equipment Address the node Name that appears in SoMachine



PacDrive LMC x00C Equip	oment Configuration
PLC Configuration	
Equipment Address or Node Name	TM241CEC24T_U
Connection Optimization	I
Time Out	10
Retry Count	3
TCP / IP Configuration	
Gateway IP Address	127 . 0 . 0 . 1
Port	1217
ОК	Cancel Help

5. Link the variables of SoMachine



Select the extension xml, and find the folder were your project was generated and select the xml file. If the xml file does not appear is because you forgot to do "generate code" in SoMachine see step 2

Regarder dans :	🔒 TestDrivePacD	niveGW301	- 0 🖉 🗁 🗔	•
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Select the variables that you want to use in Vijeo Designer

Equipment:	PacDriveLMCx00C01				
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6. Now you can use these variables in your panels

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Note:

The HMI and the PLC must be in the same network: Same Gateway address

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