Totally Integrated Automation Portal	

## Isochronous\_MasterProg\_V18\_ThesisPicsOPUA / Main\_PLC [CPU 1513-1 PN] / Program blocks

## IsoFast\_StubBlock\_FB [FB2]

IsoFast_StubBlock_FB Properties							
General							
Name	IsoFast_StubBlock_FB	Number	2	Туре	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

lsoFast_StubBlock_FB						
ame	Data type	Default value	Retain			
<b>▼</b> Input						
i_xAutoStartMeasurement	Bool	false	Non-retain			
i_xHmi	Bool	false	Non-retain			
i_sOpcUaAddress	String[254]	"	Non-retain			
i_SetParameters	Bool	false	Non-retain			
i_ReadParameters	Bool	false	Non-retain			
▼ Output						
o_dwCommunicationStatus	DWord	16#0	Non-retain			
o_wMeasurementStatus	Word	16#0	Non-retain			
o_xReady	Bool	false	Non-retain			
o_xRunning	Bool	false	Non-retain			
o_xError	Bool	false	Non-retain			
o_currentParameter	"IsoFast_AnalogInputChan- nel_parameters"		Non-retain			
<b>r</b> InOut	·					
io_xHmi	Bool	false	Non-retain			
io_ArticleDependentParameters	"IsoFast_AnalogInputChan- nel_parameters"					
io_rCurrentValueArray	Bool	false	Non-retain			
Static						
OPC_UA_MethodCall_C_Instance_WriteParams	OPC_UA_MethodCall_C					
OPC_UA_MethodCall_C_Instance_ReadParams	OPC_UA_MethodCall_C					
▼ Temp						
io_Station_Control	"PLCD_StationControl"					
Constant						

## Network 1:

0001 "IsoFast\_MethodsClientInterface\_Configuration".Connection.ServerEndpointUrl := #i\_sOpcUaAddress;

## **Network 2: Set Parameters**

Totally Integrated **Automation Portal** #OPC\_UA\_Method Call\_C\_Instance\_ WriteParams OPC\_UA\_MethodCall\_C MOVE ENO MOVE Done — false #o\_current \_ Parameter P#DB5.DBX64056. **Busy →** false ΕN ENO REQ OUT1 Maintain Error — false #io\_Article "IsoFast\_Methods false -Session ClientInterface\_ Data".lsoFast\_ Status — 16#3870\_0000 Dependent Parameters "IsoFast\_Methods "IsoFast\_Methods ClientInterface\_ Configuration". Connection. ServerEndpointUrl Methods.IsoFast ClientInterface\_ Data".lsoFast\_ Methods.lsoFast\_ OpcUaSetAnalog ChParameters\_ ServerEndpoint
- Url FB\_DB.Outputs OpcUaSetAnalog ChParameters\_ FB\_DB.Inputs OUT1 "IsoFast\_Methods ClientInterface\_ Configuration". Connection. #i\_Read Session ConnectInfo **Parameters** ConnectInfo "IsoFast\_Methods ClientInterface\_ Configuration".
Namespaces. Namespace UrisCount NamespaceCount "IsoFast\_Methods ClientInterface\_ Configuration". MethodLists.Iso Fast\_Methods. MethodCount MethodHdl Count "IsoFast\_Methods ClientInterface\_ Configuration". MethodLists.Iso Fast\_Methods. MethodHdls[0] "IsoFast\_Methods ClientInterface\_ Configuration". Namespaces. NamespaceURIs ≓Namespace Uris "IsoFast\_Methods ClientInterface\_ Configuration". Namespaces. Namespace ≓Namespace StatusList StatusList "IsoFast\_Methods ClientInterface\_ Configuration". Namespaces. Server Namespace Indexes ≓Namespace Indexes "IsoFast\_Methods ClientInterface\_ Configuration". MethodLists.Iso Fast\_Methods.
ObjectNodes ≓ObjectNodel Ds "IsoFast\_Methods ClientInterface\_ Configuration". MethodLists.Iso Fast\_Methods. MethodNodes ≓MethodNodel Ds "IsoFast\_Methods ClientInterface\_ Configuration". MethodLists.Iso Fast\_Methods. MethodHdls P#DB5.DBX64024. "IsoFast\_Methods ClientInterface\_ Data".lsoFast\_ Methods.Method StatusList %DB5.DBD64028 "IsoFast\_Methods ClientInterface\_ Data".IsoFast\_ Methods.Method ResultList[0] ≓MethodResult P#DB5.DBX64032. "IsoFast\_Methods ClientInterface\_ Data".lsoFast\_ Methods.lsoFast\_ OpcUaSetAnalog ChParameters\_ FB\_DB.Inputs ≓Input - Arguments P#DB5.DBX64056. "IsoFast\_Methods ClientInterface\_ Data".IsoFast\_ Methods.lsoFast\_ OpcUaSetAnalog ChParameters ≓Output Arguments FB\_DB.Outputs **Network 3: Read Parameters**