

Technical Note

In-Rack PC with Data Historian for ControlLogix

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Contents

Document Information	2
Error: Failed to connect to the ECHO SDK Node PC56-HIST2147023174:	
unavailable	4



Error: Failed to connect to the ECHO SDK Node PC56-HIST. - 2147023174: The RPC server is unavailable.

The following will allow you to import an XML file using the XML Loader into the ECHO Configurator application

• XML Loader	
Bulk XML Loader Edit Historian	
Use an XML file created with the Offline Co configuration of ECHO and the PC56 to EC XML leave File	
C:\Program Files\PC56toECHO\export.xml	
 Create/Edit using the XML input file above Dump/export using the XML output file bel XML Output File 	Run XML Loader
C:\Program Files\PC56toECHO\export.xml	
Interface is currently: Stopped	Start Interface
	Stop Interface

However, in so doing you might get the following error:

ECHOXMLCfg Start Time: 1-31-1980 7:18:10

ECHOXMLCfg Input: // C:\Program Files\PC56toECHO\export.log /i C:\Program Files\PC56toECHO\export.xml /m **Error: Failed to connect to the ECHO SDK Node PC56-HIST. -2147023174: The RPC server is unavailable.**

ECHOXMLCfg End Time: 1-31-1980 7:18:11 ECHOXMLCfg Operation completed with failures.

📕 export - Notepad 📃 🗖 🔀
File Edit Format View Help
ECHOXMLCfg Start Time: 1-31-1980 7:18:10 ECHOXMLCfg Input: /l C:\Program Files\PC5 <u>6toECHO\export</u> .log /i C:\Program Files\PC56toECHO\export.xml /m Error: Failed to connect to the ECHO SDK Node PC56-HIST -2147023174: The RPC server is unavailable.
ECHOXMLCfg End Time: 1-31-1980 7:18:11 ECHOXMLCfg Operation completed with failures.

Notice that the above is looking for a Node name of PC56-HIST



Verify the node name opening the ECHO Configurator application, right click the PC56-HIST-500 icon and select Properties. Check the Node name. In our example the Node name **is PC56-HIST-500**

🔂 ECHO Configurator				
File View Help				
🖃 🥵 Component Historian Configuratic	Name	Identity	ExtendedData	CreationTimestamp
E PC56-HIST-500 ■ E PC56_Configuration ■ E historian1	PC56_Configuration historian1	645C5E33-BD9F-49D0 769EE670-7601-4970-8	10	1/1/1980 12:06:16 AM (Local) 1/11/1980 8:03:24 PM (Local)
⊡ historian1	Type: N Location: C Contains: 2 Node Name: Descriptor:		D14BAD39BD8	ne

How to Fix it. First open your XML file and verify the name

🖀 C:\Program Files\PC56toECHO\export.xml - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	
🕝 Back - 🕥 - 🖹 🗟 🏠 🔎 Search 📌 Favorites 🚱 🔗 + 😓 🚍 🖄	
Address 🔄 C:\Program Files\PC56toECHO\export.xml	Go Links 🗙
xml version="1.0" ?	^
Configuration File for ECHO	
- <node identity="78BA7765-1F3D-4033-9D56-EB7ED8B13A0E"></node>	
- <attributes></attributes>	
<descriptor></descriptor>	
<logchhistorianmanualflushevents>True</logchhistorianmanualflushevents>	
<logchhistorianpropertymodifyevents>True</logchhistorianpropertymodifyevents>	
<logclientconnections>False</logclientconnections>	
<logerrormessages>False</logerrormessages>	
<loggingenabled>True</loggingenabled> <loghistoriancreateevents>False</loghistoriancreateevents>	

In our example the name DOES NOT match the PC56-HIST-500 name At this point we will need to edit the XML file and change the name of the node. You will need to download XML Notepad from Microsoft in order to edit the file.

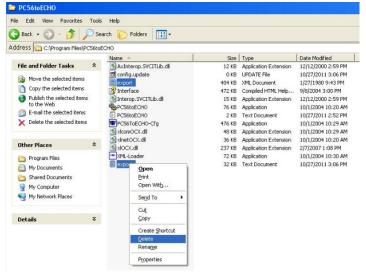


XML Notepad can be found at the following:

http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7973

Save new XML file in your PC

Delete the current XML and TXT in your PC56 computer at the following location: C:\Program Files\PC56toECHO



Copy and Paste the new Export.xml and Export.txt file in C:\Program Files\PC56toECHO

Goto XML loader, Run XML loader tab. Make sure the Create/Edit using the XML input file source radial button is selected and the XML Input file path is set to C:\Program Files\PC56toECHO\export.xml.

🎟 XML Loader	- 🗆 ×
Bulk XML Loader Edit Historian	
Use an XML file created with the Offline Co configuration of ECHO and the PC56 to ECH XML Input File	
C:\Program Files\PC56toECH0\export.xml	Lui
Create/Edit using the XML input file above Dump/export using the XML output file bek XML Output File	w Run XML Loader
D:\CV PC56\Shand Power Station\export.xml	
Interface is currently: Stopped	Start Interface
	Stop Interface

Press the Run XML Loader button

XML Loader should compile new file successfully. Press the Start XML Interface Open Echo Configurator application, right click all Historians and Refresh Open The Interface Configurator Application All Historians should start collecting data