

Convert a XLReporter Project from GE iFIX Classic to GE Historian

Overview

An existing XLReporter project that is set up to report from data collected into the GE iFIX history (h24 files) can be easily converted to report from the GE Historian.

- Delete old connector to iFIX Classic.
- Create new connector with the same name to GE Historian.
- Open each History Data Group and replace the ":" with a "." (Optional if needed).
- Preview each History Data Group to validate the tag names.

Change the Connector

From the XLReporter Project Explorer select the Data tab and then Connectors.

ų	Connectors		×
1	🖬 Add 🥒 Modify 🔀 Delet	e 🎲 Catalog	
	Name 🔺	Provider	Description
	iFIX Classic H24 Files	iFIX Historical values (classic)	
	iFIX_HistoryClassic	iFIX Historical values (classic)	
	KepwareServer	KEPServerEX Real-time values (OPC DA)	local
	SIM_HDA	Simulator Historical values	
*			

- Highlight the connector to the iFIX and note the name. In the above example this is *iFIX_HistoryClassic*.
- Delete the connector
- Click Add
- Select GE Digital, Historian or Historian Plus.

Historian	
Connector Name Description	iFIX_HistoryClassic
Primary Server	
Name	GE-1 .
User	
Secondary Server	
Name	
User	
	Settings
	OK Cancel

- Enter connector name as the previous connector name (*iFIX_HistoryClassic*)
- Under **Primary Server**, click the browse pushbutton ([...]) for **Name**.

GE Historian Connection name Database name Log on to the database User Name Password Test Connection	Database Connect			
Database name GE-1 Log on to the database User Name Password Test Connection	GE Historian	Connection name	GE Historian	
Log on to the database User Name Password Test Connection		Database name	GE-1	
User Name Password Test Connection		Log on to the database		
Password Test Connection		User Name		
Test Connection		Password		
Test Connection				
			Test Connection	
Cancel			Cancel	

- Set **Database name** to the name of the machine where the Historian is running. This setting can also be left blank to use the default server as configured in the **Historian Interactive SQL** application.
- Specify the Log on to the Database credentials if required.
- Click **Test Connection** to verify the settings.
- Close Connectors

Modify History Data Groups

In most cases when a bulk import of tags is converted from GE iFIX Classic to Proficy Historian the tag names change from Node:Tag.F_CV to Node.Tag.F_CV, in other words the colon after the Node changes to a period.

From the XLReporter Project Explorer select the Data tab and then Connectors.



- Open each history data group and select Edit, Find and Replace
- For **Find** enter :
- For **Replace** enter.
- Click Replace All

Selected Columns	
Name C THISNODE:IFIX1_BATCH_CIPLEVELF_CV r THISNODE:IFIX1_BATCH_CIPLEVELF_CV r THISNODE:IFIX1_BATCH_CIPLEVELF_CV r THISNODE:IFIX1_BATCH_CIPLEVELF_CV r	ation Find and Replace X

• Select **Preview** to test each history data group

Group Considerations

Note, some **Summary Values from Server** calculations supported in *iFIX History Classic* are no longer offered in *GE Historian*. If first accumulation, first difference, or first accumulated difference are used, existing server summary groups will need to be replaced with a **Summary Values from XLR** group. This can be done from **Connector Groups** found on the **Tools** tab of the **Project Explorer**.

File Y Home Data Project Tools	•
Manager DSN Email FTP File XML File Themes System Task Connector	
Settings and SMS Transfer Manager Designer Archive Check Monitor Groups	
Database Application Diagnostic	
Project XLR_Demo	

• Select the iFIX_HistoryClassic connector folder and click Add



- Choose the Summary Values from XLReporter
- Check the box for use raw values
- Set the Base on dropdown list to the name of the existing group
- Click **OK**

 Summary Values from Server Summary Values from XLReporter use raw values Raw Values Raw Text Sampled Values Live Values 	 Summary Values from Server Summary Values from XLReporter use raw values Raw Values Raw Text Sampled Values Live Values Custom Values 	 Summary Values from Server Summary Values from XLReporter use raw values Raw Values Raw Text Sampled Values Live Values Custom Values Base on Server Calcs Daily Hourly Values 	📄 Select Group Type
 Summary Values from XLReporter use raw values Raw Values Raw Text Sampled Values Live Values 	Summary Values from XLReporter Juse raw values Raw Values Raw Text Sampled Values Live Values Custom Values	 Summary Values from XLReporter use raw values Raw Values Raw Text Sampled Values Live Values Custom Values Base on Server Calcs Daily Hourty Values Values 	O Summary Values from Server
 Raw Values Raw Text Sampled Values Live Values 	 Raw Values Raw Text Sampled Values Live Values Custom Values 	 Raw Values Raw Text Sampled Values Live Values Custom Values Base on Server Calcs Daily Hourly Values 	Summary Values from XLReporter use raw values
 Raw Text Sampled Values Live Values 	 Raw Text Sampled Values Live Values Custom Values 	 Raw Text Sampled Values Live Values Custom Values Base on Server Calcs Daily Hourty Values 	◯ Raw Values
 Sampled Values Live Values 	Sampled Values Live Values Custom Values	Sampled Values Live Values Custom Values Base on Server Calcs Daily Hourly Values	◯ Raw Text
◯ Live Values	Cuive Values	 Live Values Custom Values Base on Server Calcs Daily Hourly Values 	◯ Sampled Values
	O Custom Values	Custom Values Base on Server Calcs Daily Hourly Values	O Live Values

- Click inside the Calculation column of the tag that requires the change
- Select the appropriate calculation

Trist accumulation Ist accumulation Ist accumulation First difference Ist difference Ist accumulated difference Ist accumulated difference Ist accumulated difference Sample Analysis Sample Count ON Count ON Count OFF Count Performance Performance Performance OFF Count OFF Count OFF Count OFF Count OFF Count
Reset: 0
Rollover: 100
Scaling: 1
Calculate by: next value V

• Save the group as the original groups name and say Yes to overwrite existing file.