

Convert a XLReporter Project from GE iFIX Classic to GE Historian

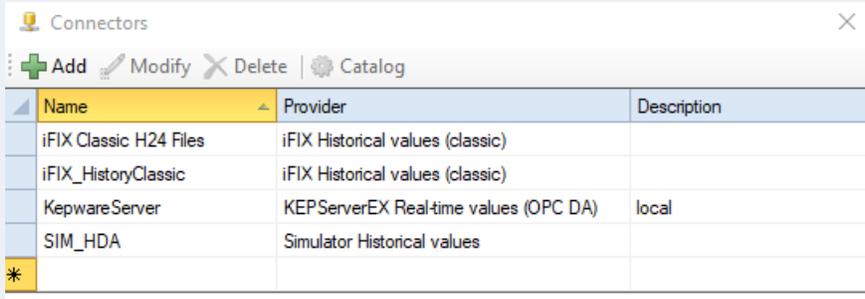
Overview

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.

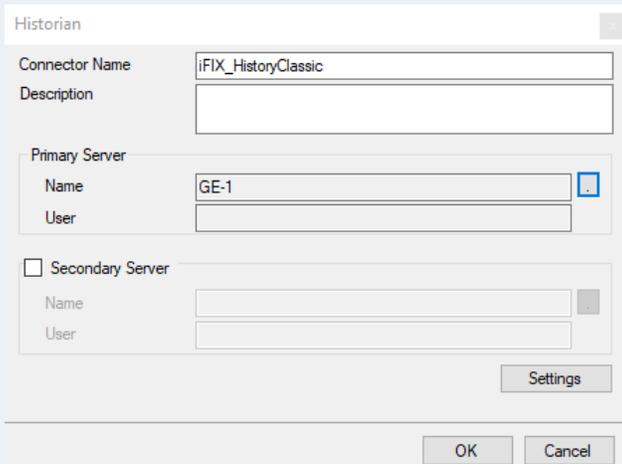
Change the Connector

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



Name	Provider	Description
iFIX Classic H24 Files	iFIX Historical values (classic)	
iFIX_HistoryClassic	iFIX Historical values (classic)	
Keeware Server	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:

Primary Server

Name:

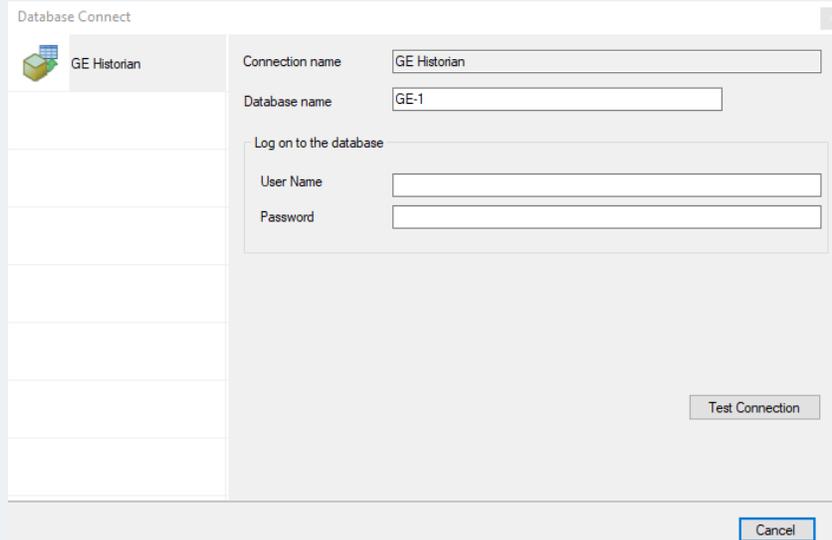
User:

Secondary Server

Name:

User:

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

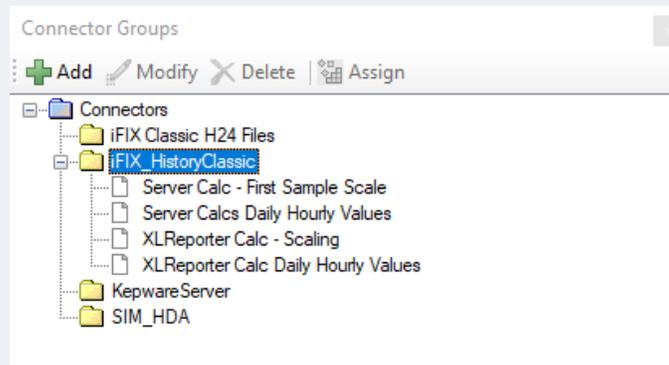


- Set **Database name** to the name of the machine where the Historian is running. This setting can also be left blank to use the default server as configured in the **Historian Interactive SQL** application.
- Specify the **Log on to the Database** credentials if required.
- Click **Test Connection**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

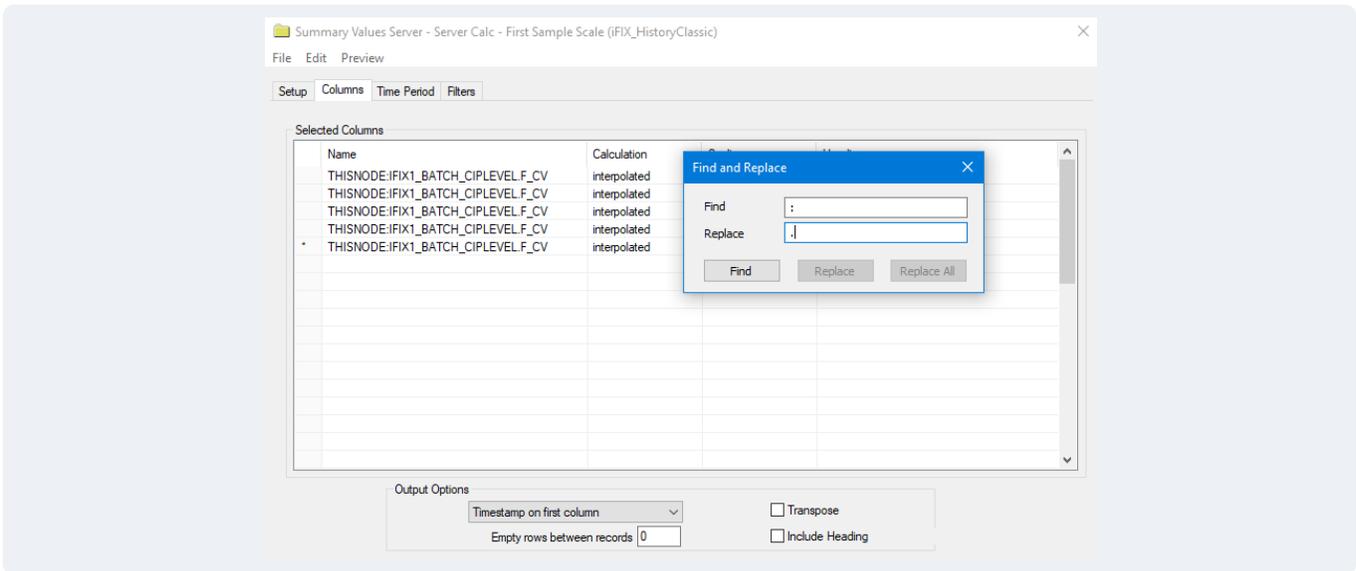
Modify History Data Groups

In most cases when a bulk import of tags is converted from GE iFIX Classic to Proficiency 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**.



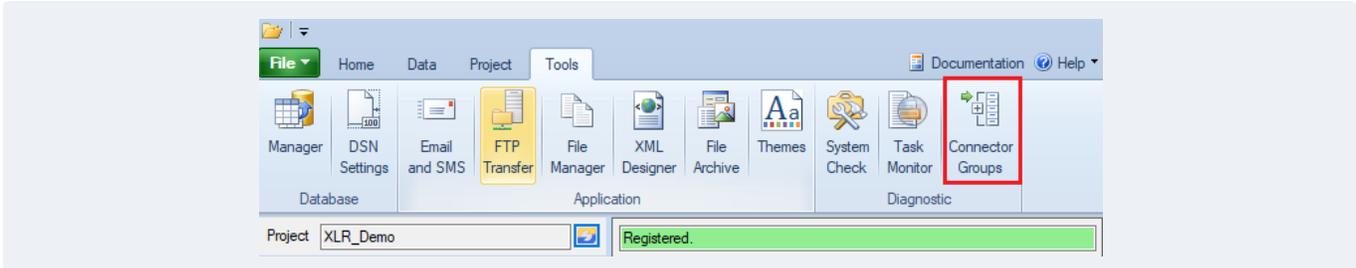
- Open each history data group and select **Edit, Find and Replace**
- For **Find** enter :
- For **Replace** enter .
- Click **Replace All**



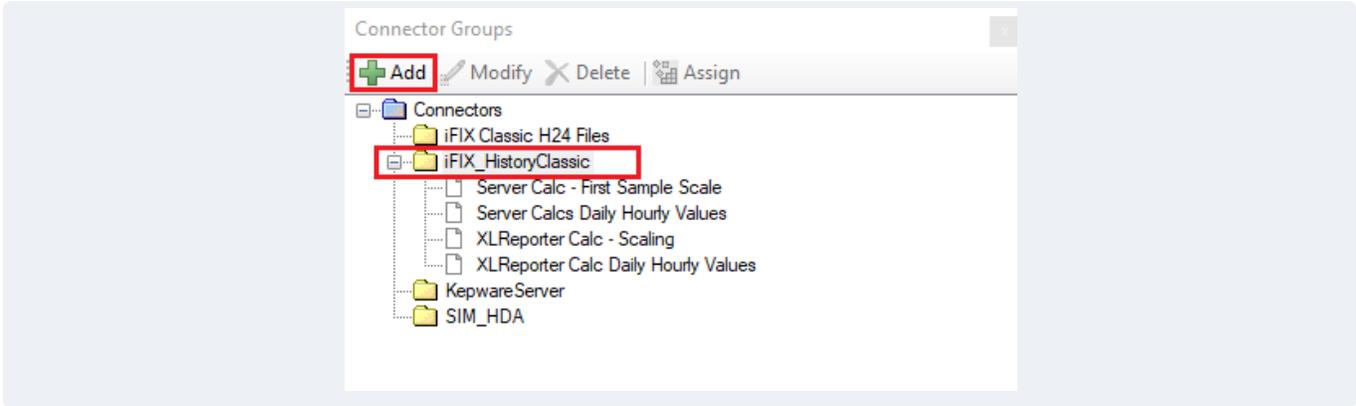
- Select **Preview** to test each history data group

Group Considerations

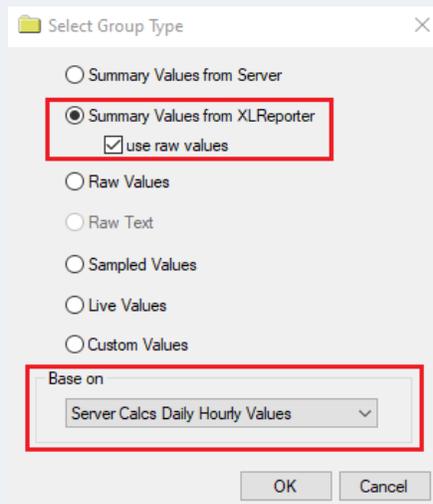
Note, some **Summary Values from Server** calculations supported in *iFIX History Classic* are no longer offered in *GE Historian*. If *first accumulation*, *first difference*, or *first accumulated difference* are used, existing server summary groups will need to be replaced with a **Summary Values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



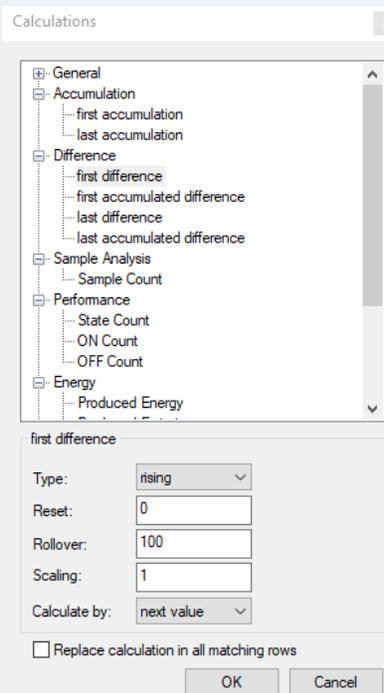
- Select the *iFIX_HistoryClassic* connector folder and click **Add**



- 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**



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



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