

Using XLReporter with GE Cimplicity Alarms

Overview

XLReporter takes alarm values from the CimplicitySCADA to populate workbooks, periodically or on event, without needing Excel. The award reporting turns raw data into industrial metrics which are used for compliance, regulatory, improvements and operations

Complete reports are distributed automatically by email, FTP, file server and printers. With the Web Portal, reports are viewed or produced on-demand from any device supporting a web browser such as a mobile phone, tablet or desktop.

Configure Cimplicity

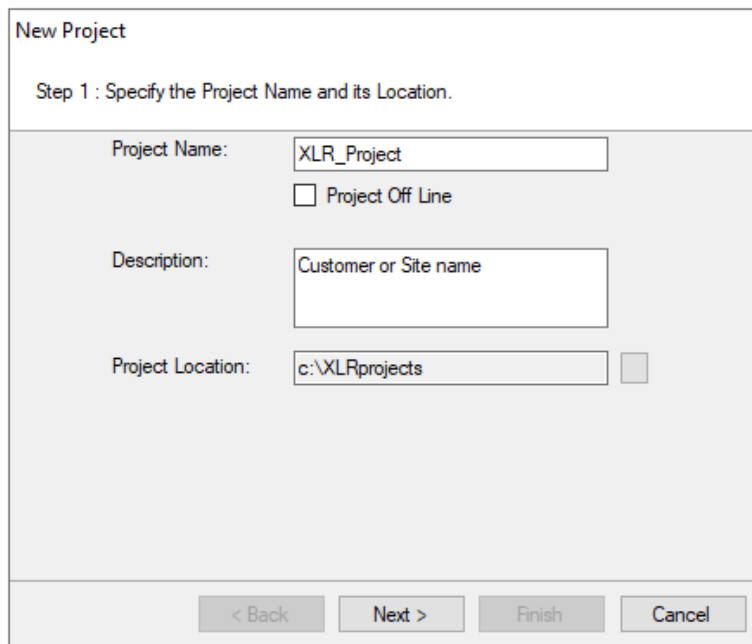
To add points to the Cimplicity alarm log you can do so either through the **Point Properties** dialog box or by adding to the *ALARM_LOG* table in the **Database Logger**.

Create a Project

From the **XLReporter Project Explorer** select **File, New** to start the **Project Wizard**. This will give step-by-step instructions on creating a project.

Step 1

- Enter a **Project Name** and **Description** (optional).



The screenshot shows a dialog box titled "New Project" with the subtitle "Step 1 : Specify the Project Name and its Location." The dialog contains three input fields: "Project Name:" with the text "XLR_Project", "Description:" with the text "Customer or Site name", and "Project Location:" with the text "c:\XLRprojects". There is a checkbox labeled "Project Off Line" which is currently unchecked. At the bottom of the dialog, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

Step 2

- Configure the data connector, click **Add**

New Project

Step 2 : Configure the Connectors (data sources) of the Project.

+ Add | Modify | Delete | Catalog

Name	Provider	Description
*		

Select **GE Digital, Cimplicity Alarms**.

Cimplicity Alarms x

Connector Name: Cimplicity_Alarms

Description:

Primary Database

Type: Microsoft SQL Server ...

Data Source: GEIFIXWEB\CIMPLICITY

Table/Column

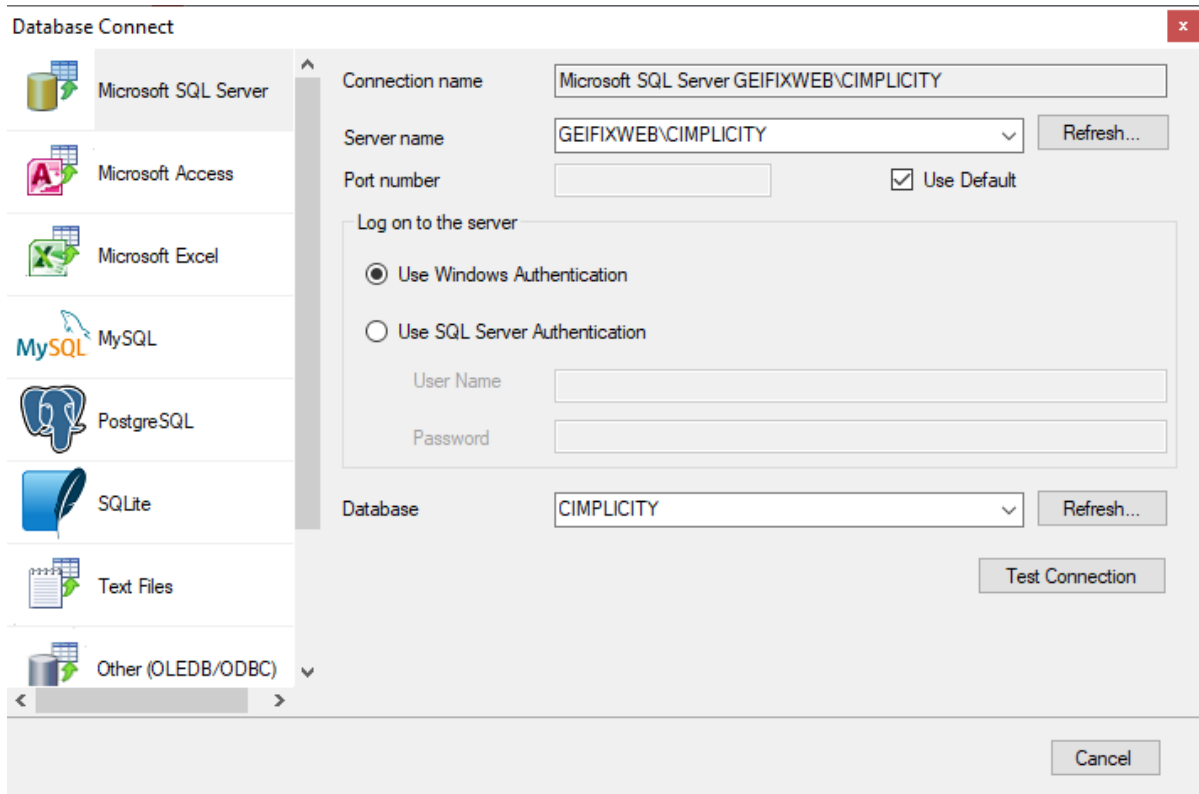
Table: ALARM_LOG

Date Column: timestamp

Date includes Time

Time Column:

- Under **Primary Database**, for **Type**, click the browse pushbutton [...] to define a connection to the alarm database.



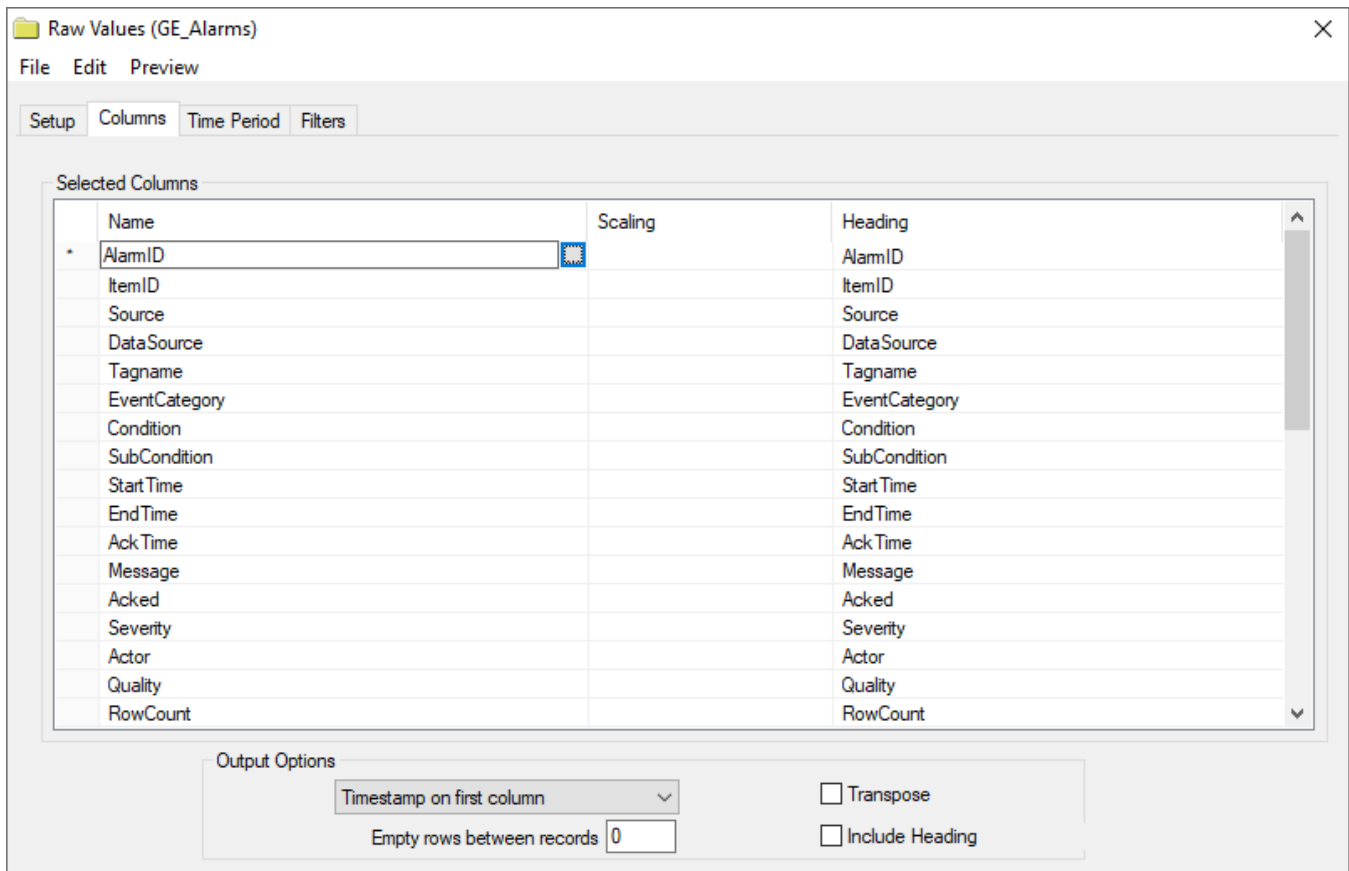
- Set **Server name** to the name of the machine where Cimplicity is running.
- Specify the logon credentials if required.
- Select the database where the alarms are logged.
- Click **Test Connection** to verify the settings.
- Under **Table/Column** set **Table** to *Alarm_Log*.
- Set **Date Column** to *Timestamp*. This column will be used for any timestamp filtering in the connector groups.
- Click **OK**.

Verify Data Communication

To verify communication with the Alarms and Events Server, open the **Project Explorer** and select the **Tools** tab. Open **Connector Groups**. Select the **GE Alarms** connector and then select **Add**.

Set the **Group Type** to *Raw Values* and click **OK**.

Under the **Columns** tab:



- Select the first row under the **Name** column
- Click the browse pushbutton ([...]).
- In the Tag Browser expand **Online, ALARM_LOG** and add **Items** from the lower left.
- Click **OK** to add these to the group.

To retrieve data, select **Preview**. In the **Preview** window, use the data picker to select a date and time where alarms are recorded in the database. Click **Refresh** to view data. The first 60 alarms starting at the date and time specified should be displayed.