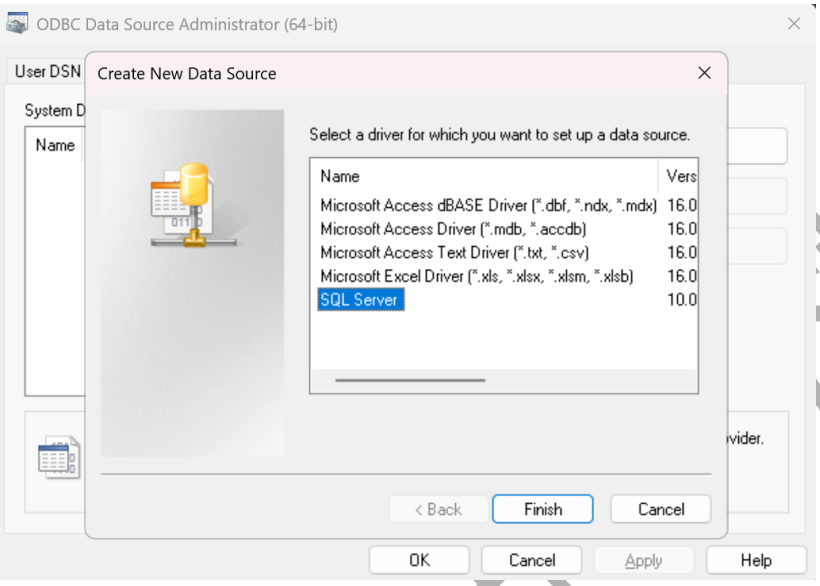
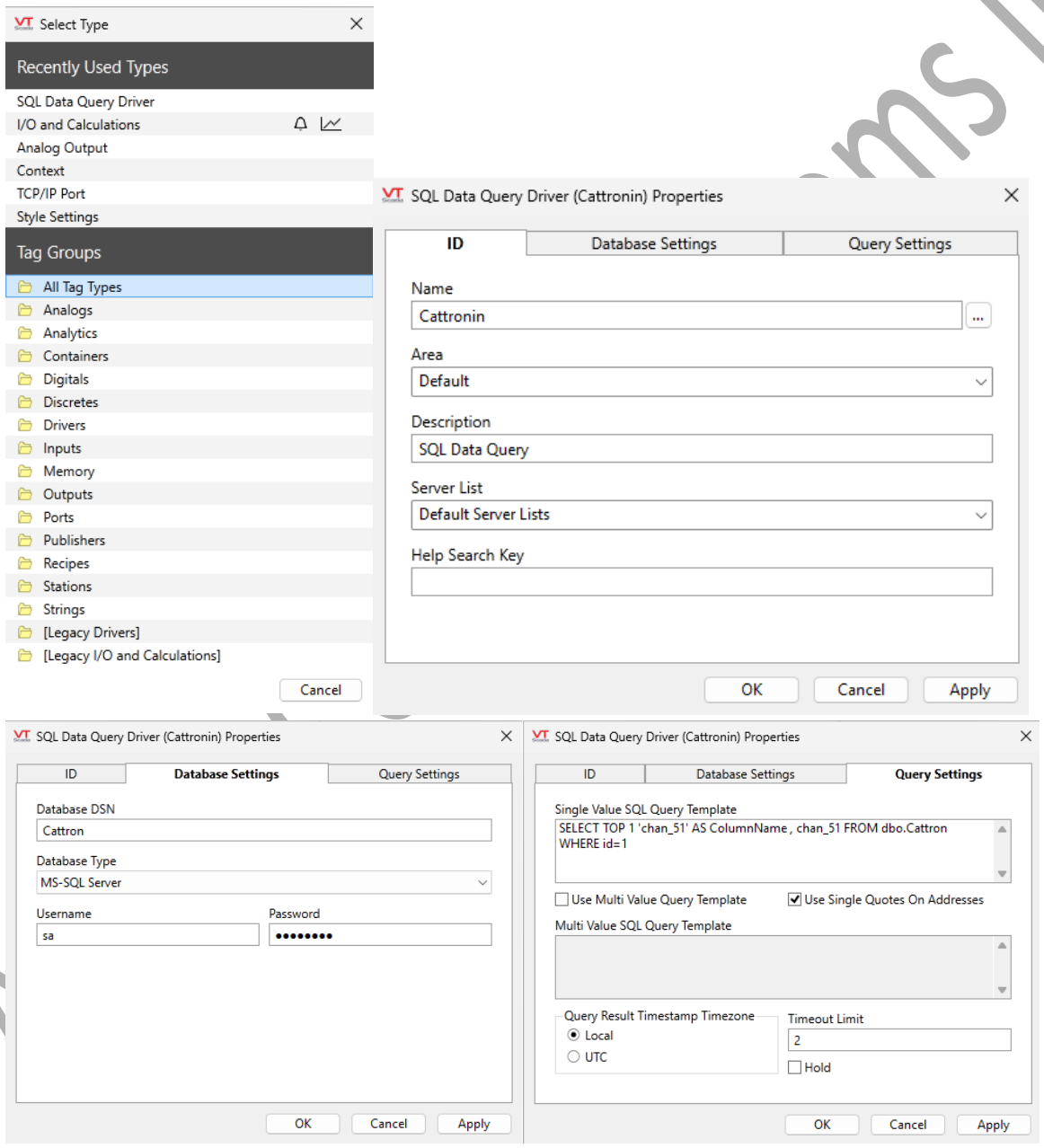
How to Complete the Cattron Remote IQ bridge in VTSCADA

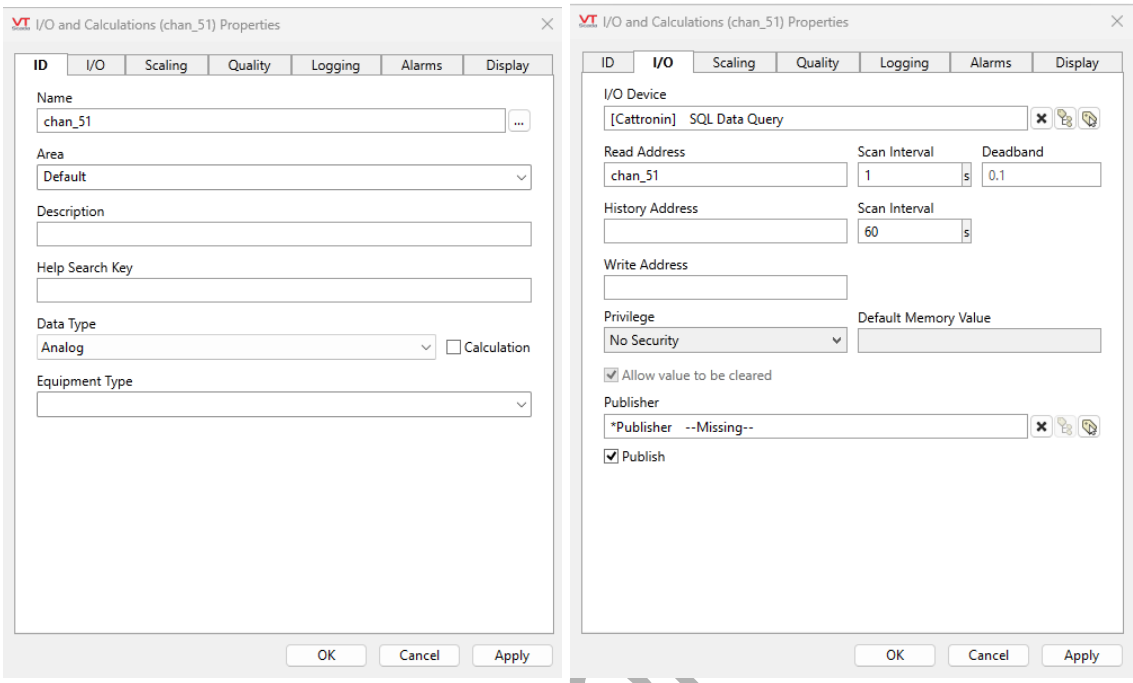
1.) Create a ODBC Connector in ODBC Data Source Administrator under System DSN. You may already have one setup if you are already using a MS SQL database, then you can skip this step. Select SQL Server type and walk through the wizard.



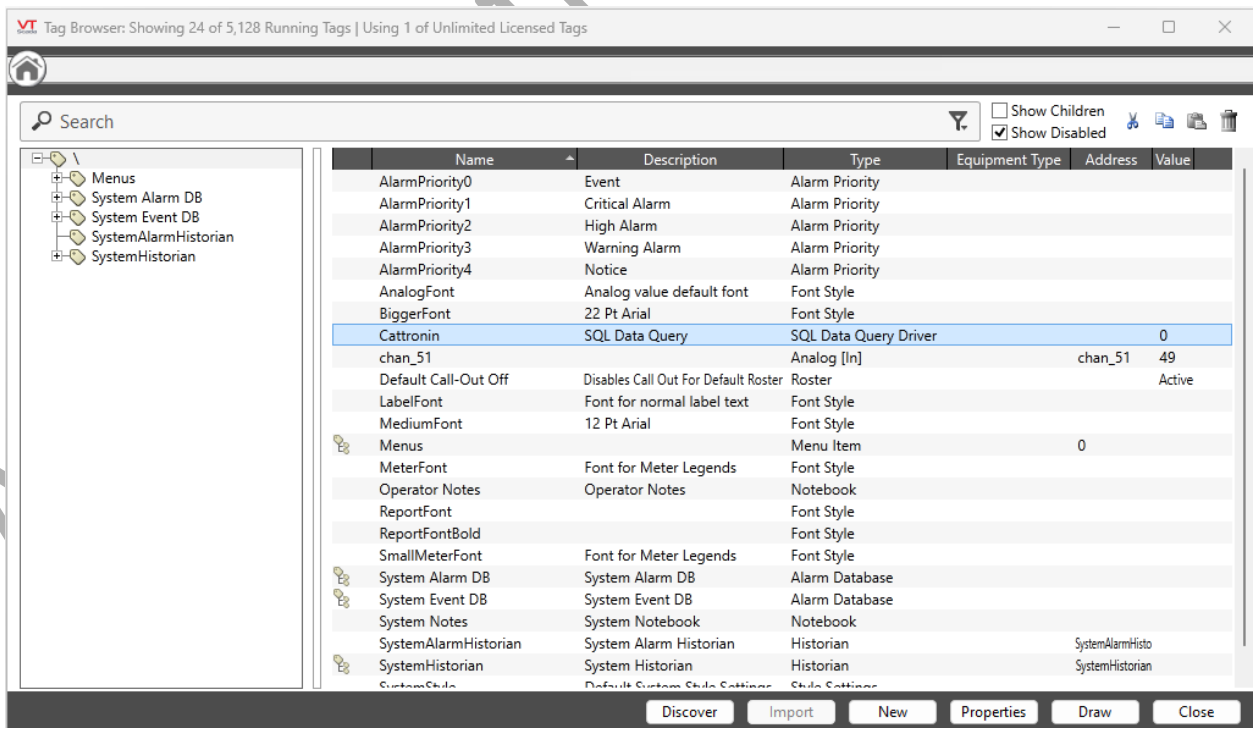
2.) Create a new tag using “SQL Data Query Driver” and attach it to the OBDC connector you created in step 1. The sql query in this example is retrieving 1 value from the database, the SQL command can be modified to receive multiple fields. (Chan_51 is the first analog input on an Aquavx unit). We need to set the column name because VTSCADA is looking for 2 columns. You will need to use that name in the “I/O and Calculations” tag we will create in the next step. The column name does not have to match the remote IQ column name as long as it matches between the two tags. “id” is the unit number if you have more than 1 device in Remote IQ.



3.) Create a new tag of the I/O and Calculations type. Use the SQL tag we created in the previous step for the I/O device and the read address as whatever you named the column as in your SQL Query. You can name the tag anything you want.



4.) If the connection is working properly, you should have a 0 for your SQL Data Query and the value will be displayed for your Analog[In] tag



5.) You can also add a “Comm Stats Btn” for troubleshooting. It will give you error messages for the database connection. It should look like this when everything is working and you click on the button: