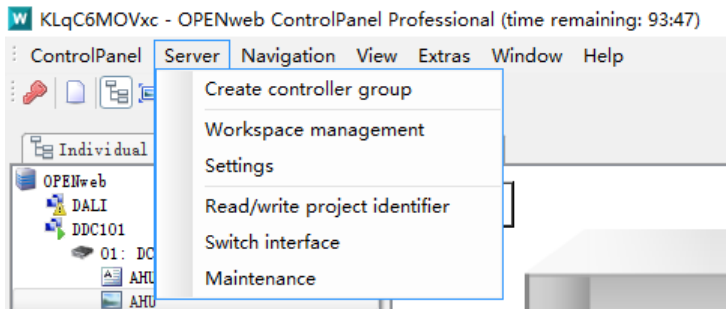
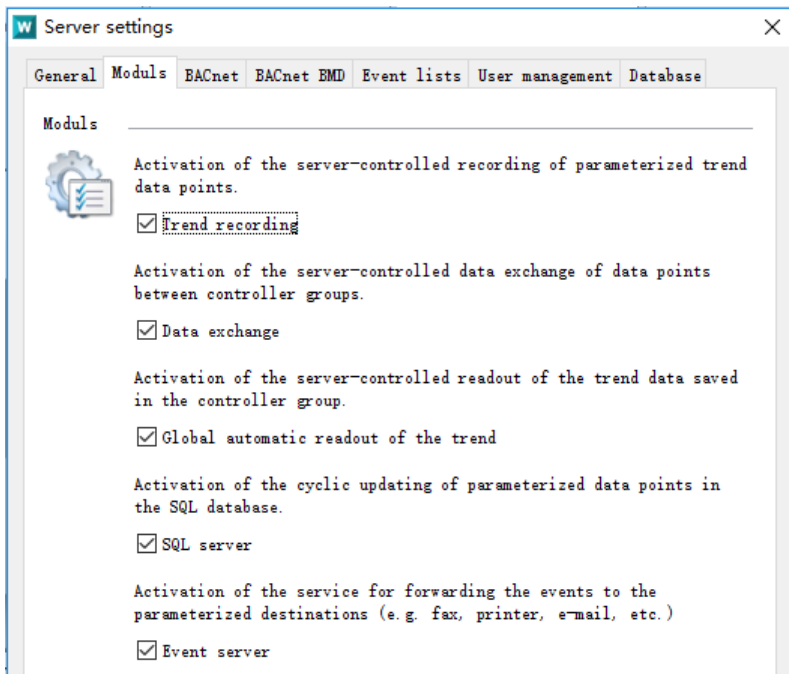


## TT190604 – OPENweb - SQL Option

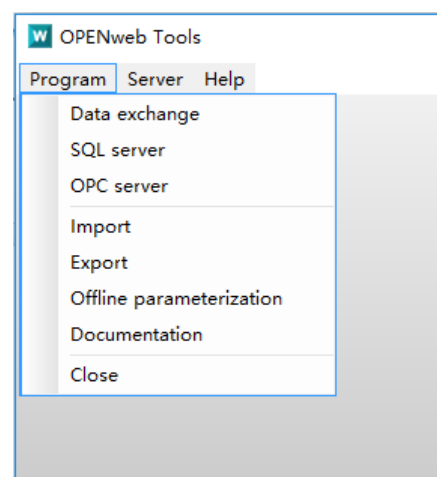
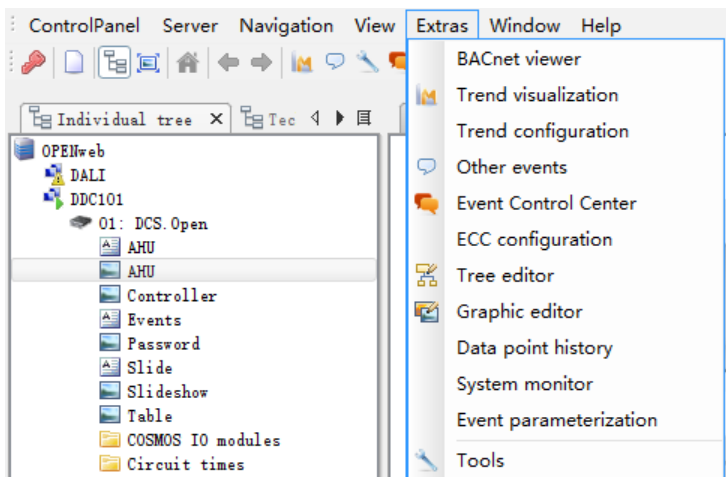
1. The “SQL Server” option in OPENweb allows 3<sup>rd</sup> party system to read/write points in OPENweb via our SQL server. First, we need to enable this function in OPENweb. Start OPENweb Control Panel, click on “Server”, “Settings” from the menu



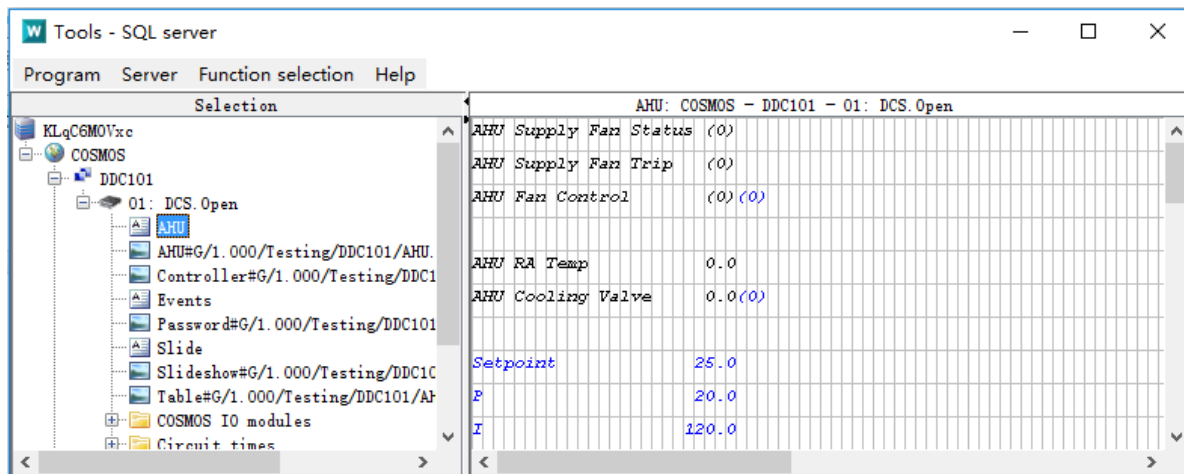
2. Go to “Module” tab, enable the “SQL server” option (If the option is grey out, then maybe your OPENweb does not have this license). Click “OK” to restart the server



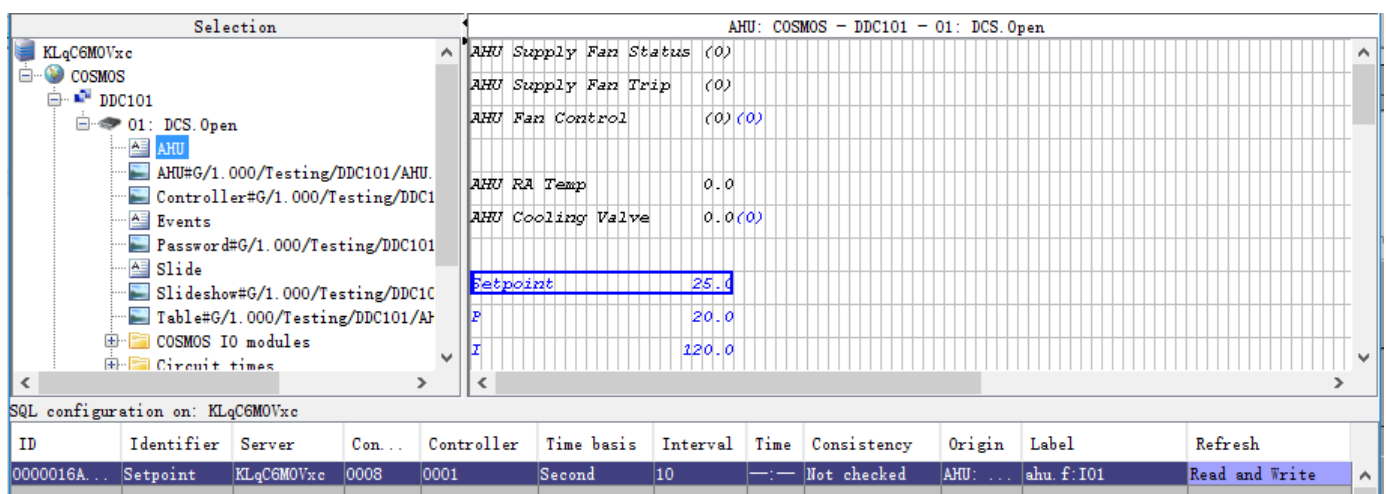
3. Now select “Extra”, “Tools” from the menu. Select “Program”, “SQL Server” from the “OPENweb Tools” menu



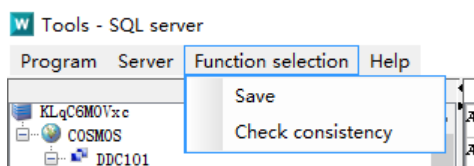
#### 4. Select the controller and HTML page



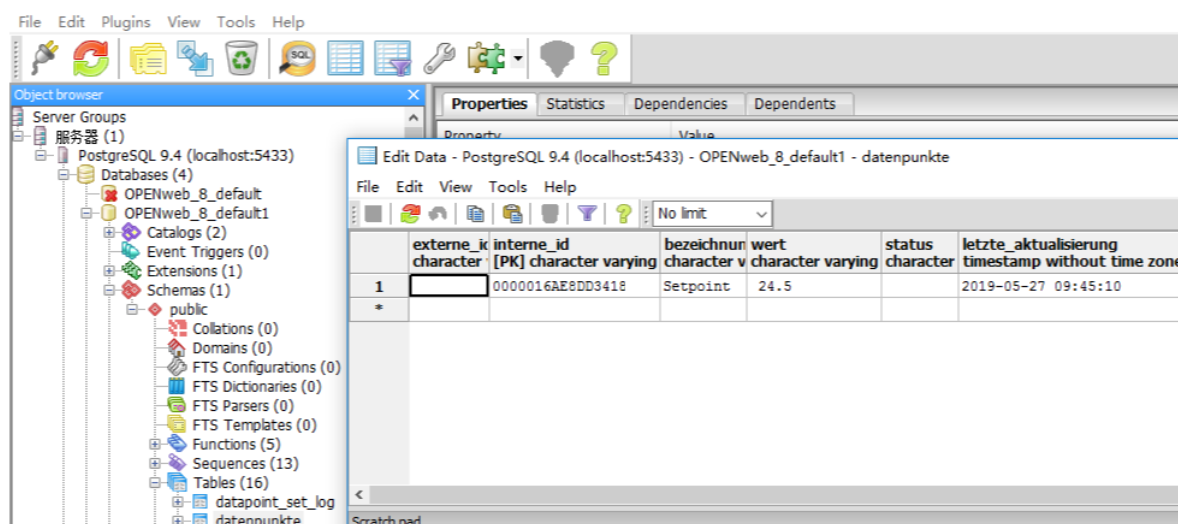
#### 5. Drag and drop the points you want to the bottom. Change the “Time Basis” and “Interval”. Change the “Refresh” to “Read and Write” if required



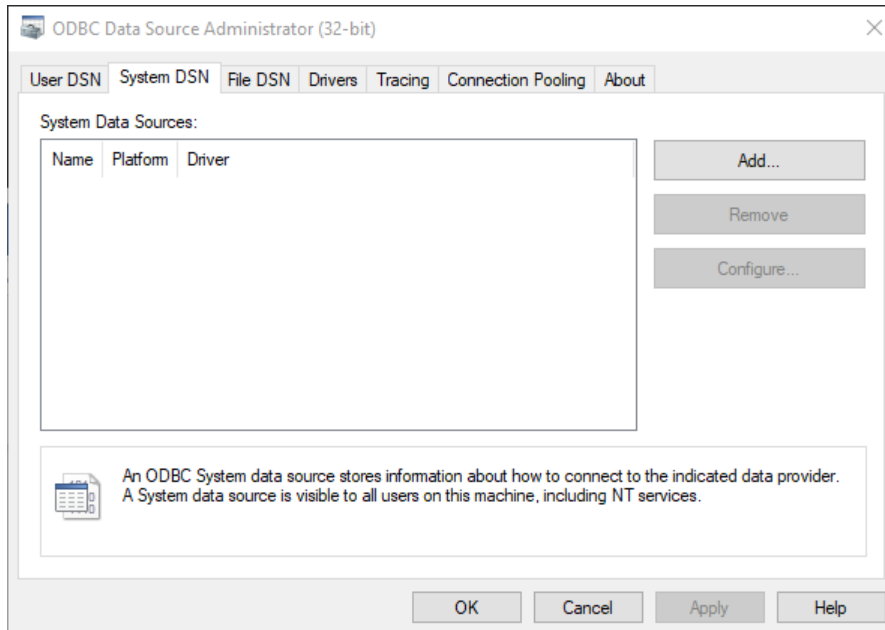
#### 6. Save your settings from menu “Function Selection”, “Save”, and the server will restart automatically (please restart the server manually if it’s not working)



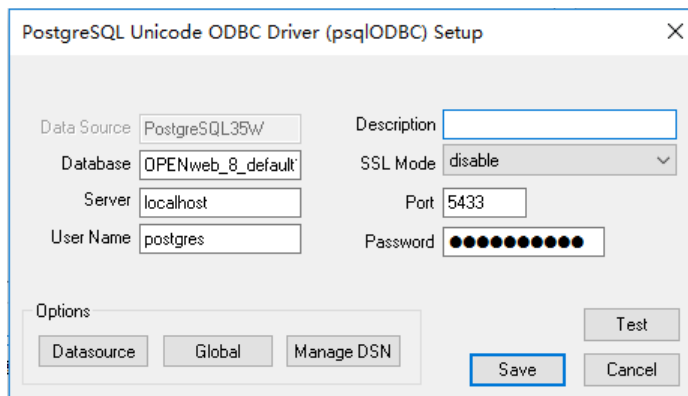
#### 7. The points’ values are kept in the “datenpunkte” table in PostgreSQL database



8. To read/write the SQL points' value via 3<sup>rd</sup> party system, you can use ODBC. First you need to install the PostgreSQL ODBC driver (<https://www.postgresql.org/ftp/odbc/versions/msi/>). Please select the correct versions (32 bits or 64 bits ODBC).
9. After finish installing the driver, you can configure the PostgreSQL ODBC in Windows "ODBC Datasource Administrator". Click on the "System DSN" tab, and add a new data source



10. Type in the following information, and click the "Test" button to test the connection. You can get these information from OPENweb Settings "Database" tab



11. Finally, you can use any ODBC compatibility application to read/write the points' value, e.g. MS Access or Excel, etc.

