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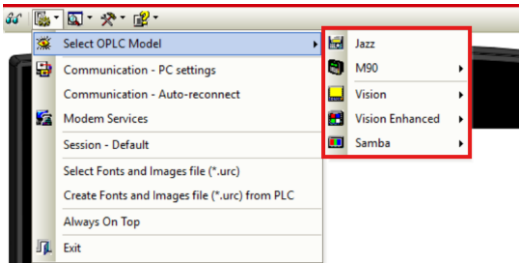
i4 Automation Ltd
Innovative Solutions for Industry

Export Operands from Vision Controller

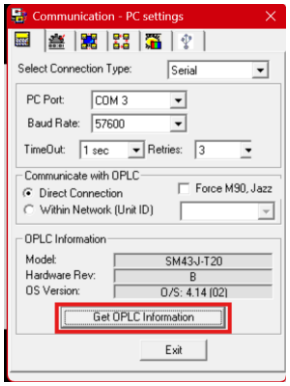
Operand Export via Remote Access App

Establish connection to PLC

- Select Controller model

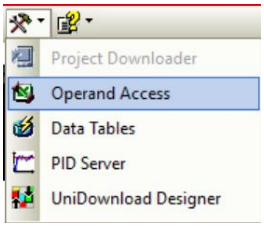


- Set Comms parameters for PC – PLC communications just as you would within VisiLogic for Serial or Ethernet connection then press 'Get OPLC information' to ensure connection is established.

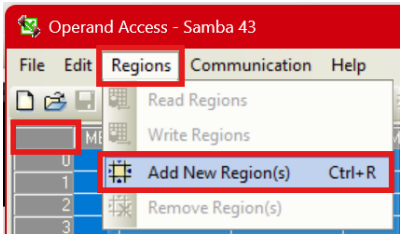


Operand Access

- Open Operand Access via 'Tools'



- Highlight the region of operands you want to export from the controller then go to 'Regions' and select add new region. Select the top left cell to highlight all available operands in the controller



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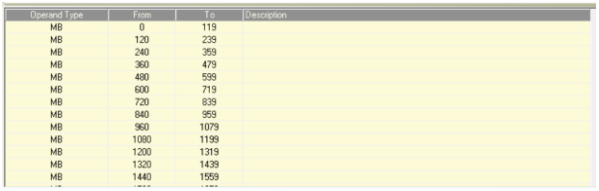
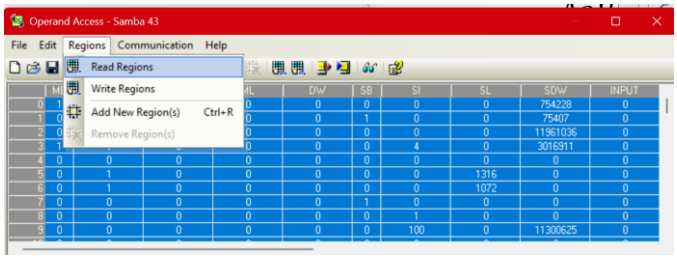
- Now all of the regions you have selected will show in the output window at the bottom of the screen

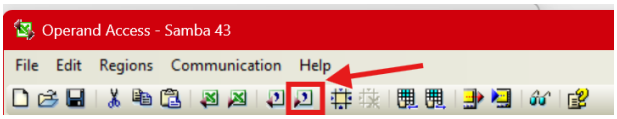


Read/Write Regions

- Open 'Regions' and select 'Read Regions'. This will populate the table with all the values of the operands available in the PLC.



- Once the regions are populated with values from the PLC you can export the regions to a .csv file to be imported into another project at a later date using the 'import all values from .csv function. (Please note there seems to be a bug with windows 11 preventing export to .xls file)



- When the table contains all of your desired values you can select 'Write All Values to PLC' – this will load all values in the table to the connected PLC. When writing to PLC you will be asked to open a .xls file but as you have already populated the data table and .xls files are not compatible with remote access on Windows 11 you can just select 'Cancel' and the write process will begin.



- Please note that if you have selected all regions to be imported then you will get the following error message due to some operands in the PLC being read only and are not allowed to be written to.

