

CSVTool 1.1.1 User's Manual

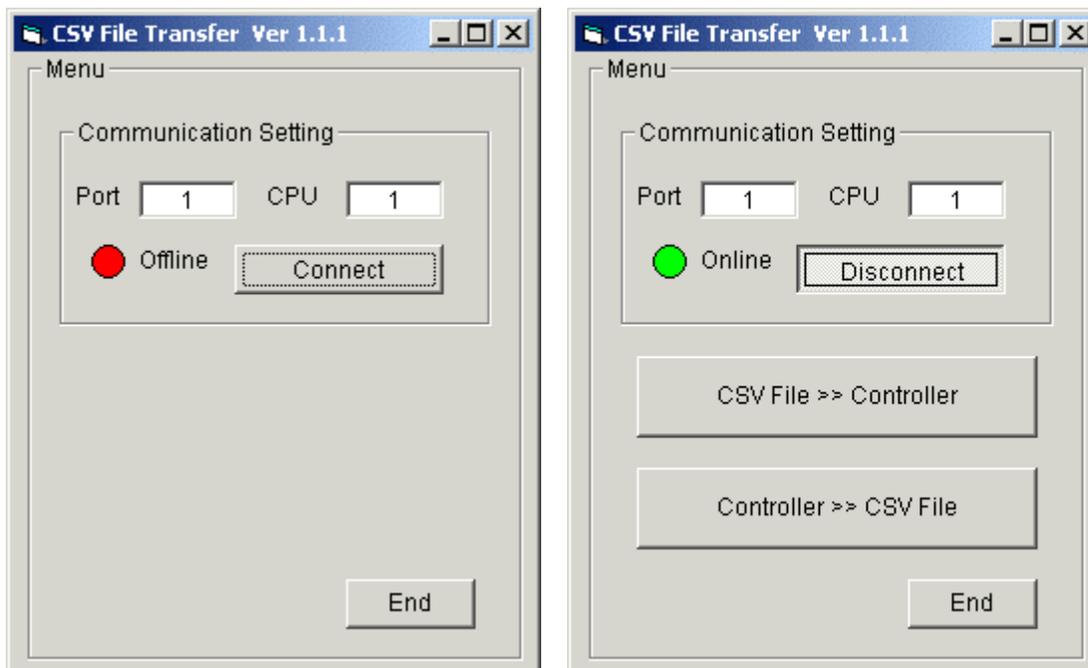
CSVTool is a utility for downloading CSV (Comma Separated Values) file. A CSV file can be created using Excel or other spreadsheet software, or can easily be created manually using a text editor. In order to be used with CSVTool, the CSV file must have each entry on a separate line:

10	
20	
30	10, 20, 30, 40, 50, ...
40	
50	
....	
CSVTool can read or save data in this format	CSVTool can read this format, but not save.

To use CSVTool, MotionWorks+ must also be installed. This is necessary for communication to the MP940.

Launching CSVTool:

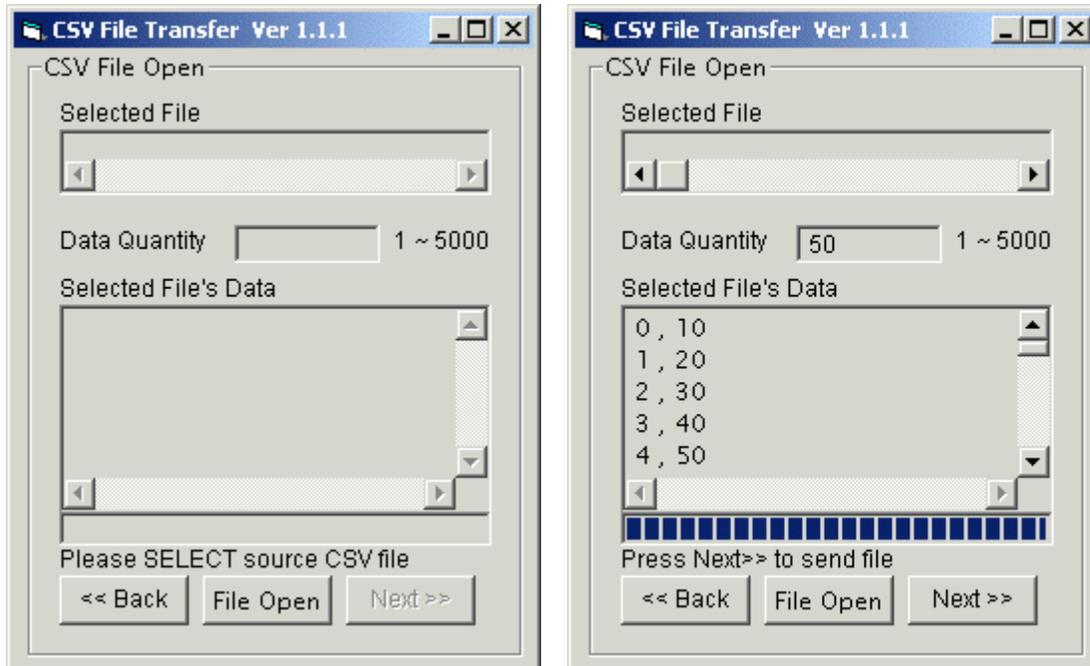
Double-clicking on the executable icon will launch CSVTool. When the program starts, it will be **offline**. Click the "Online" button for CSVTool to communicate with the MP940 and go **online**.



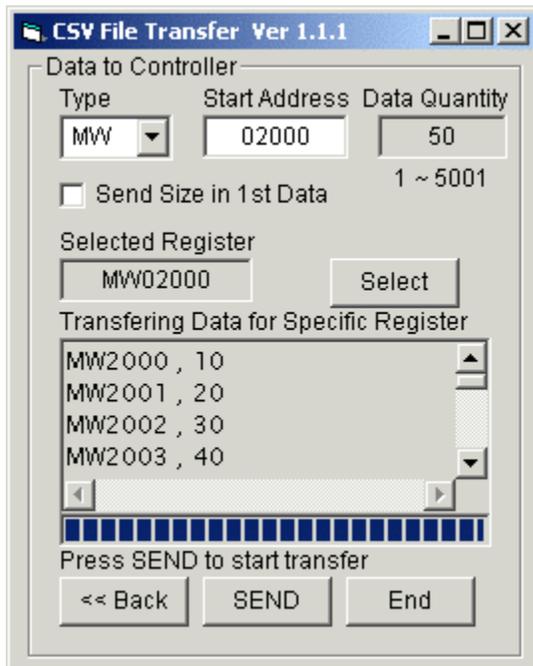
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Transferring a CSV file to the controller:

Once online, click the "CSV File >> Controller" button. Then choose the CSV file which you wish to send using the "File Open" button.



When the CSV file is opened, the data will display and the Data Quantity will be determined. Click on "Next>>" to choose the destination register.

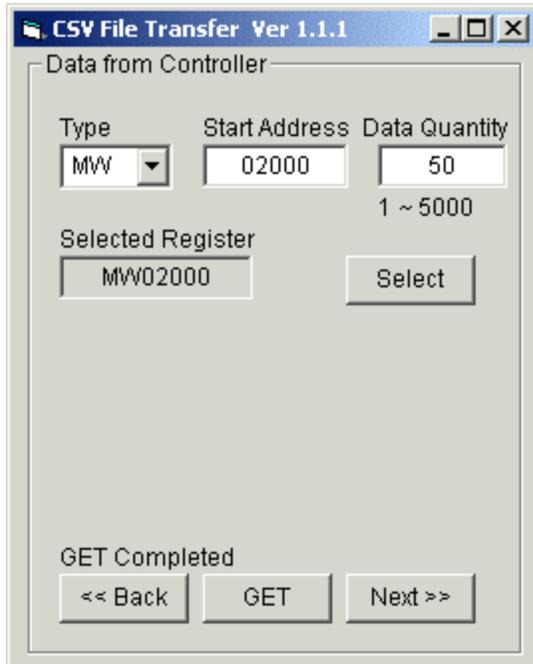


Select the register type (Either **M** or **C** register; **W**, **L**, or **F** data type) and the starting register. You can optionally select to have the first point in the data table be the number of total values sent. Click "Select" and CSVTool will show the data for each address. Click "SEND" and the data will transfer. Data will be replaced immediately and old data will be overwritten.

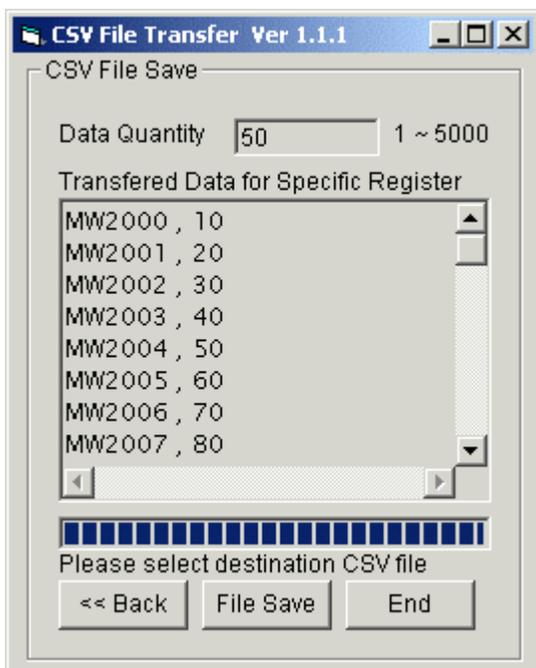
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Reading data from the controller into a CSV file:

Once online, click the "Controller >> CSV file" button. Choose the data type and register that you want to read.



Select the register type (Either **M** or **C** register; **W**, **L**, or **F** data type) and the starting register. Also enter the Data Quantity. Click "Select" to choose the register, then click "GET" and the data will transfer.



After the data has been received, you can write it to a CSV file by clicking the "File Save" button.