Omnii-Config

Configuration Utility for the
MARC
Omnii-Comm™

Minimum Hardware Requirements

- Pentium 100MHz processor
- 15 MB of available Hard Drive space
- 16-color SVGA with 800 X 600 Resolution
- Mouse or other windows compatible pointing device
- RS232 Serial Port and Null Modem Cable (USB to Serial adapter is acceptable)

Software Requirements

- Windows 9X
- Windows NT Version 4.0
- Windows Me
- Windows XP
- Windows Vista
- Windows 7 (32 or 64 bit)
- Windows 8

Installation

- Download latest version from http://www.miille.com Software
- Extract files to hard drive
- Run Omnii-Config Setup.exe to install
- Default installation location is C:\program Files\Omnii-Config

Windows 7 additional steps

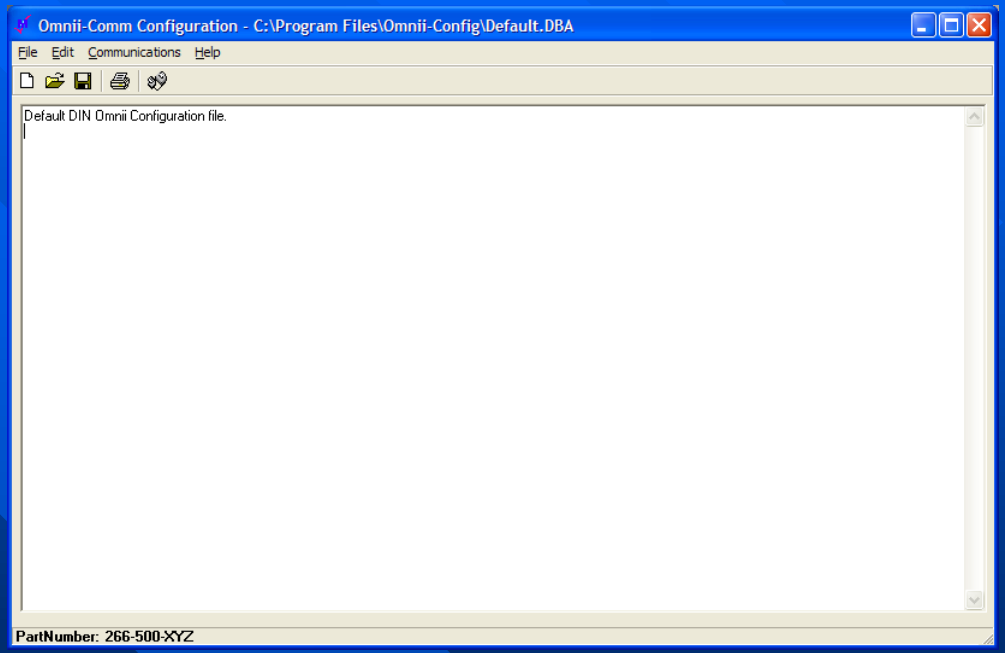
- Create a new directory “Program Data”
- Create a new folder in Program Data “Omnii-Config”
- Create a new folder in Omnii-Config “DBA Files”
- Copy all DBA files from Program Files/Omnii-Config/DBA Files to the new folder Program Data/Omnii-Config/DBA Files

Update

- After installation is complete extract curpros.zip files to the Omnii-Config sub directory to get the latest protocol definition files
- For convenience, make a desktop shortcut by right clicking OmniCfg.exe, selecting Create Shortcut then dragging the short cut to the desktop

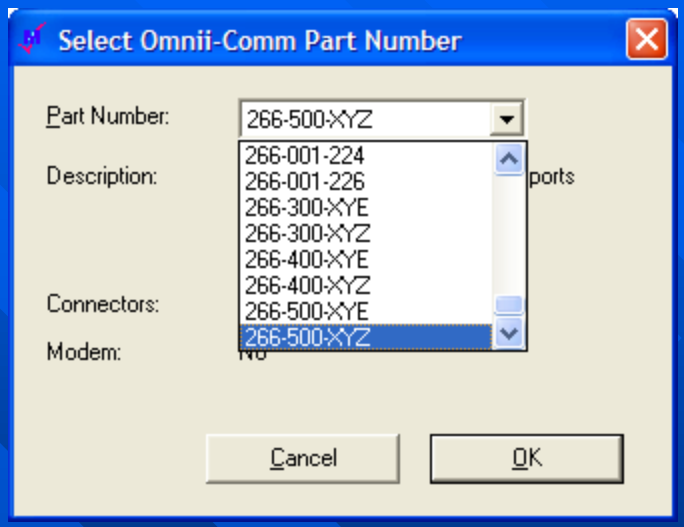
Start the program

- Double Click the desktop ICON
- The program starts and loads the Default Configuration Window



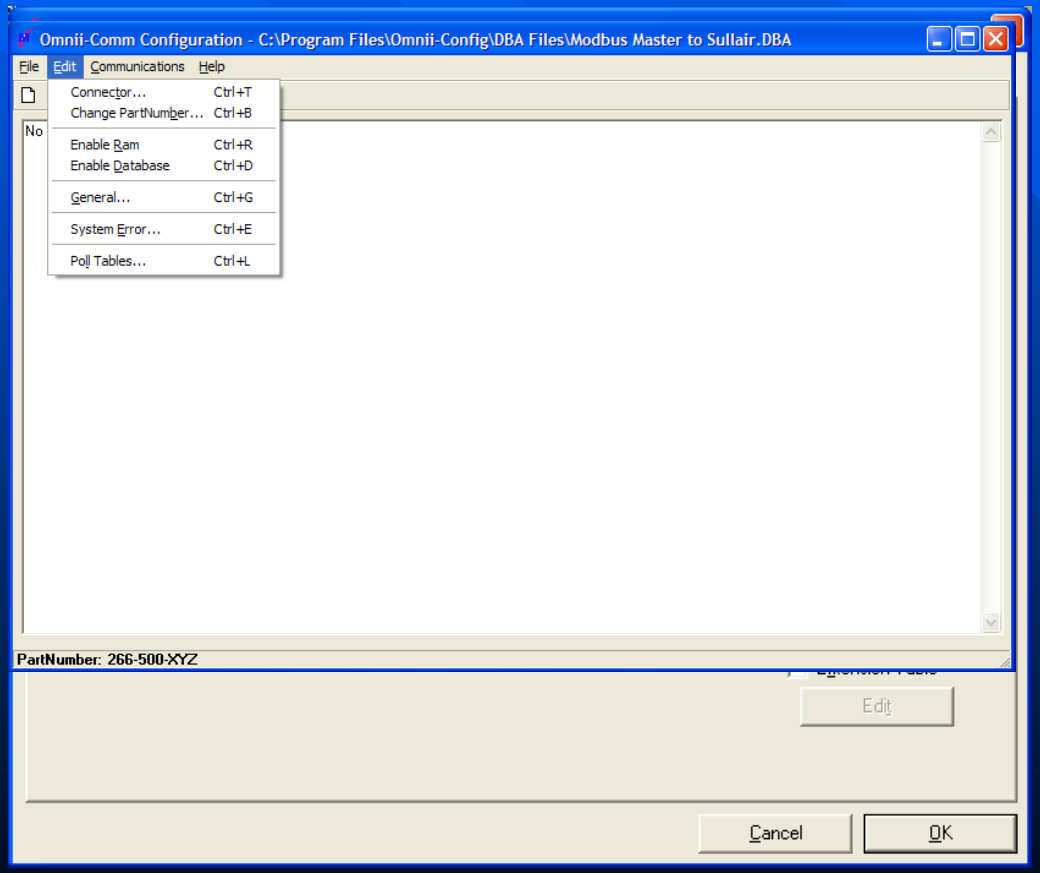
Edit Part Number

- Select Edit/Change Part Number to get the Selection Screen
- Select your part number from the dropdown list and click OK
- Saving the Default Configuration file will update the Part Number so this step is not required in the future



Edit Connectors

- Select Edit/Connector to open the Connector Selections screen



Select Serial Port Parameters

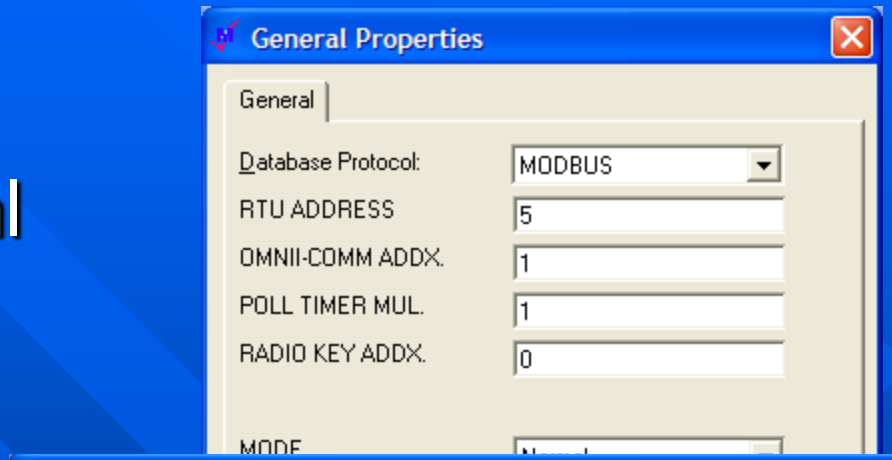
- Click on the connector tab to enable editing for the desired connector
- Click on Enabled to allow changes
- Use the dropdown boxes to select the protocol and serial port parameters
- Choose a Channel
- Only use HC11 UART for Configuration protocol
- All other protocols use UART 1 or 2 Channels A or B

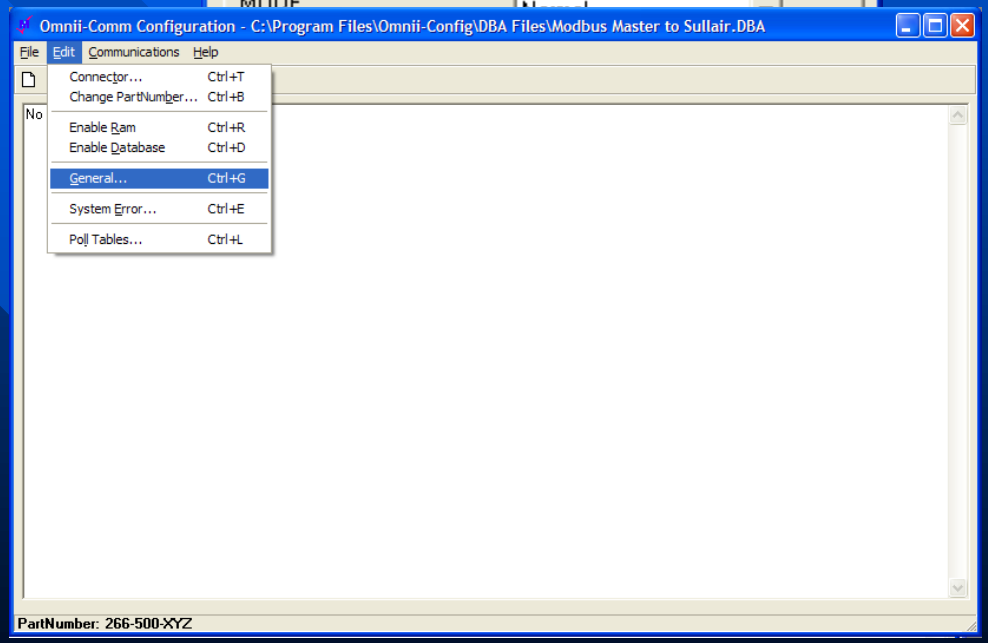
Other Connector Options

- Depending on the protocol selected other Connector Options are presented on the Connector Selection Screen
- Press F1 for additional information
- Get detailed protocol specific help by selecting Help/Protocols and clicking on the protocol name

General Options

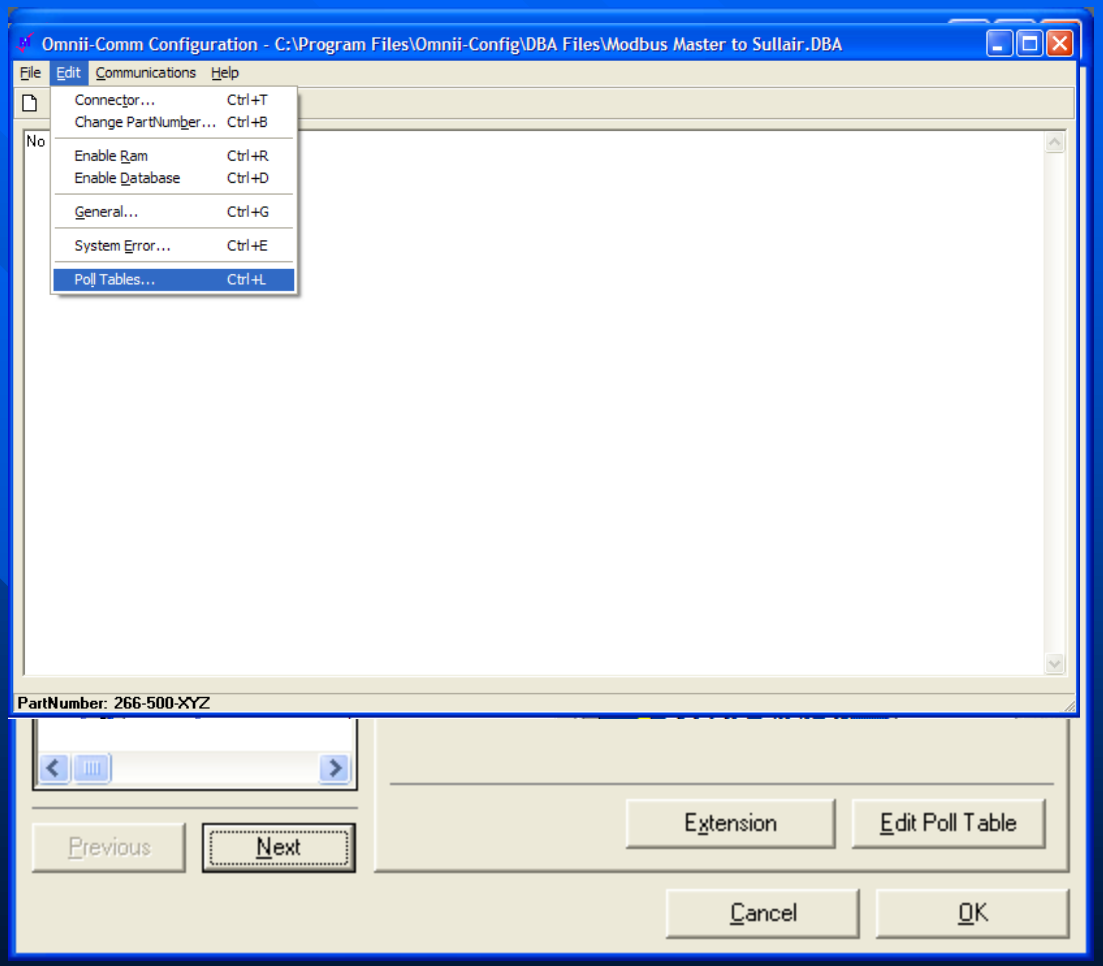
- Select Edit/General to open the General Properties screen
- Press F1 for help





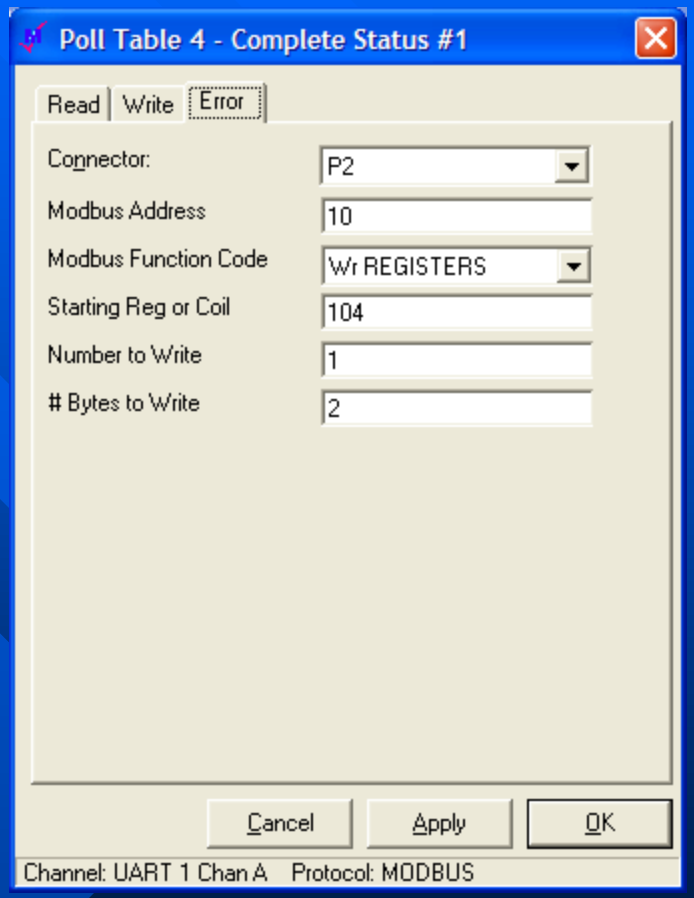
Edit Poll Tables

- Select Edit/Poll Tables to open Table Selection Screen
- Double Click on the poll table name to edit
- F1 for help



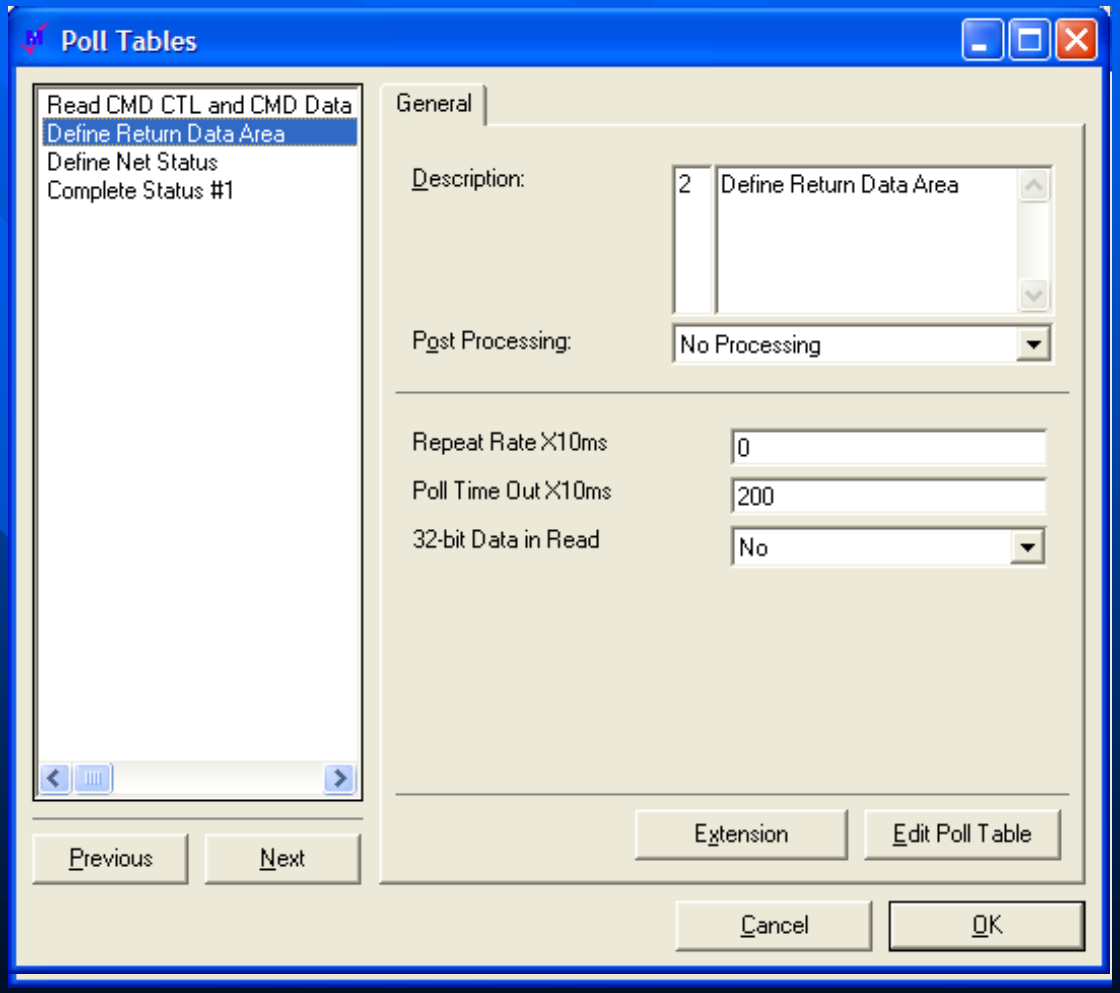
Read/Write/Error

- All poll tables have a Read section, a Write section and an Error section
- Click on the tab to select the section to edit
- Remember the help files!



Add/Delete/Move Table

- Right Click in the Poll Table Description box to get the option menu

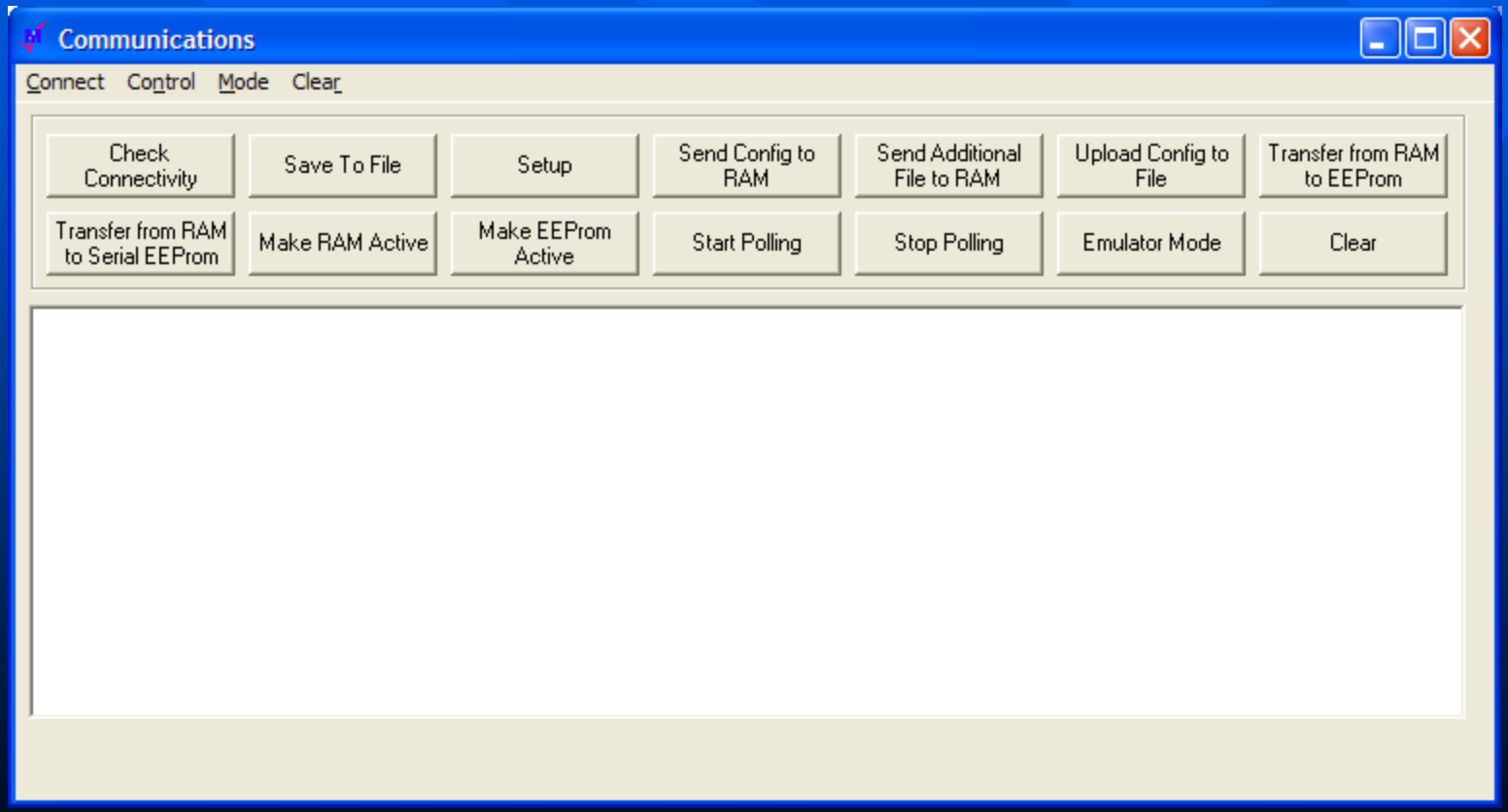


Save Configuration File

- Under the File menu select Save or Save As to save the configuration file to your hard drive.
- This creates filename.DBA and filename.S19 files
- The filename.S19 file is the one sent to the Omnii-Comm

Download to Omnii-Comm

- Select Communications from the main menu to open the Communications screen



Download Steps

- Connect serial port on PC to default configuration port on Omnii-Comm (usually P5 on DIN Omnii)
- Click Setup to select PC Comm Port
- Click Send Config to RAM to download (file to send is preloaded)
- Click Start Polling to test
- Click Transfer from RAM to Serial EEPROM to save in Omnii-Comm