Icomm Installation Instructions

1. Go to www.innotech.com.au to download the Maxim Software in order to set up the iComm connection.

2. Place the mouse cursor over Downloads, located in the top toolbar on the Innotech home page, and click on software.
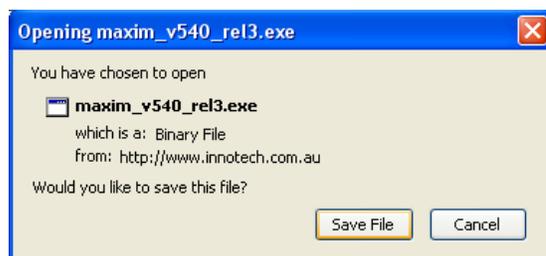
DOWNLOADS
Software
Documents
Marketing

3. Once on the Software page, click on Full Versions.

Innotech Software Downloads

⊞ Demos

⊞ Full Versions

⊞ Support Files

⊞ Updates

4. In the Full Versions, click on the Maxim Software Bundle v5.40, located second from the bottom in the list.

Maxim Software Bundle v5.40 (Release 3) (.exe 21.57MB)
Contains all Maxim software such as MaxCon, MaxMon, MaxTract, iComm, Simulator software, etc.

Doing this will open the following or a similar pop-up window (depending on your web server):

Opening maxim_v540_rel3.exe

You have chosen to open

maxim_v540_rel3.exe
which is a: Binary File
from: http://www.innotech.com.au

Would you like to save this file?

Save File   Cancel

To download and save the Maxim Software Bundle to the computer, click Save File.

5. Once the file has been downloaded, double click the icon to commence installation.
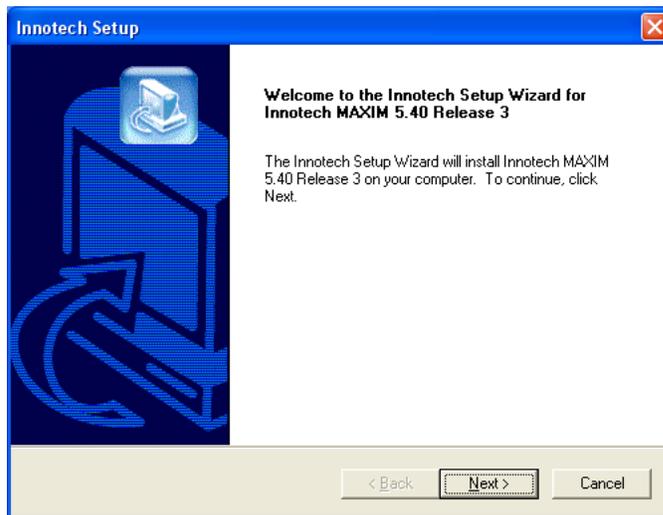
maxim_v540_r
el3

6. After double clicking the icon, a security warning may appear.

Click Run to continue.
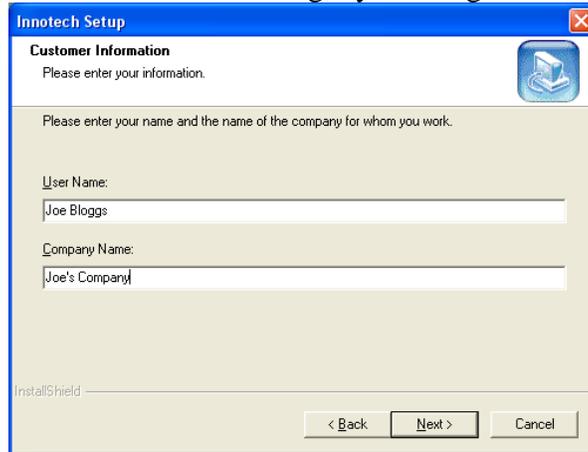The files will then be extracted to the computer and installation will commence
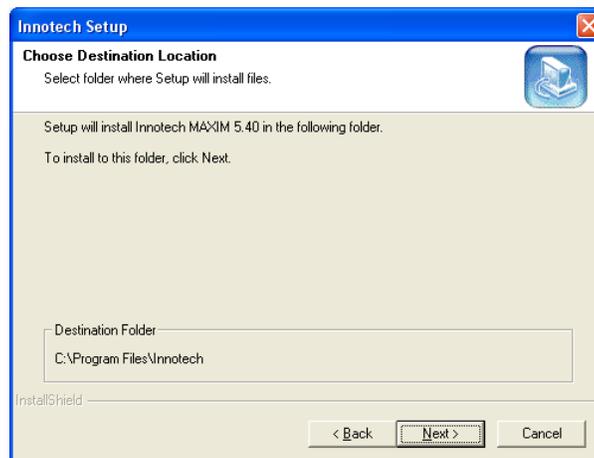
7. Click next on the setup page to continue

Doing this will open the following Licence Agreement. Once it has been read and the terms of use have been agreed with, click Yes to go forward.

8. The Username and Company Name of those using the Maxim Software Bundle must then be entered before continuing, by clicking Next.

9. The Setup will then install Innotech Maxim v5.40 in the following folder, C:\Program Files\Innotech
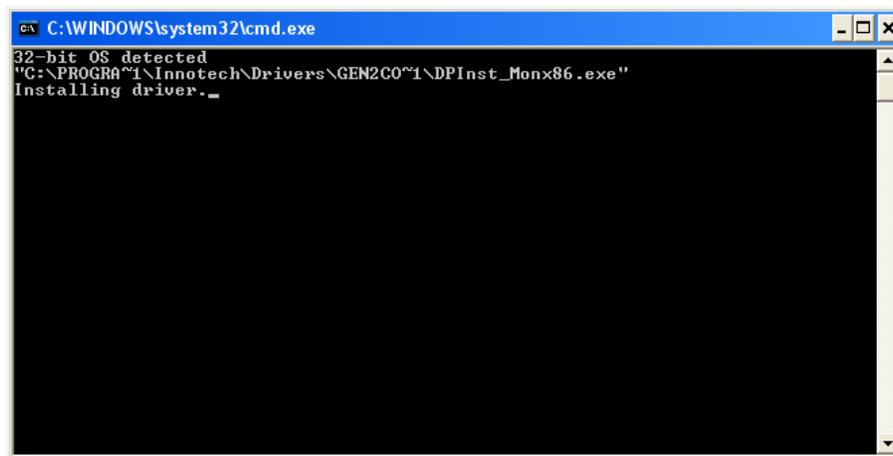

Click Next for installation to begin.

10. The Setup may then experience the following warning about Windows Logo Testing. This can be ignored by clicking Continue Anyway (recommended) or alternatively, the Setup can be terminated by clicking STOP Installation.
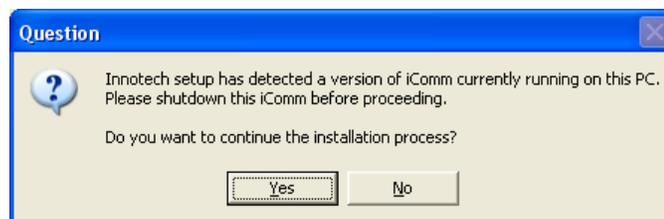
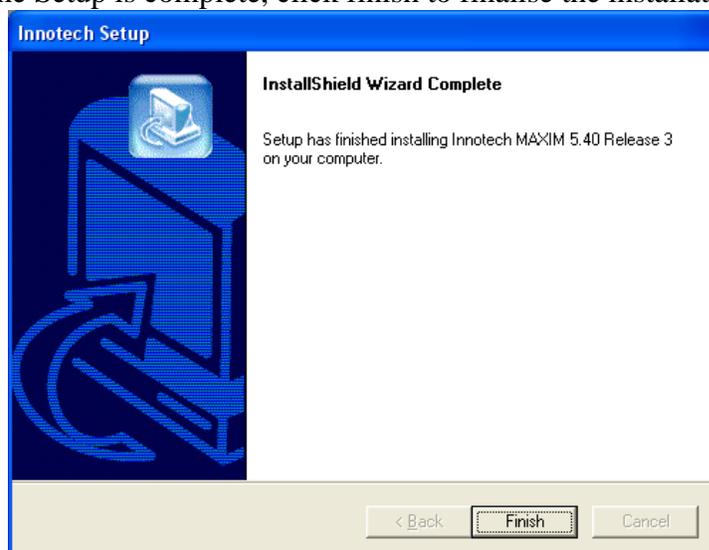11. For installation to complete, the following window must be shut by clicking the x in the top right corner.

12. If there is already a version of MaxCon or Icomm currently running on the installation PC, they must be closed before clicking Yes to continue with the installation.
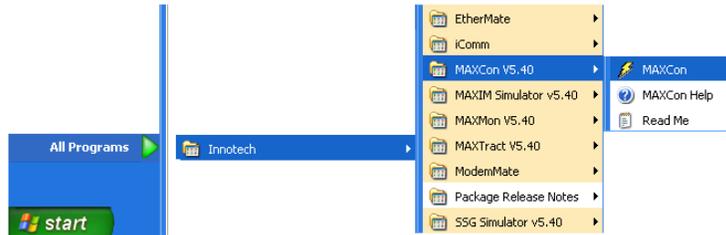

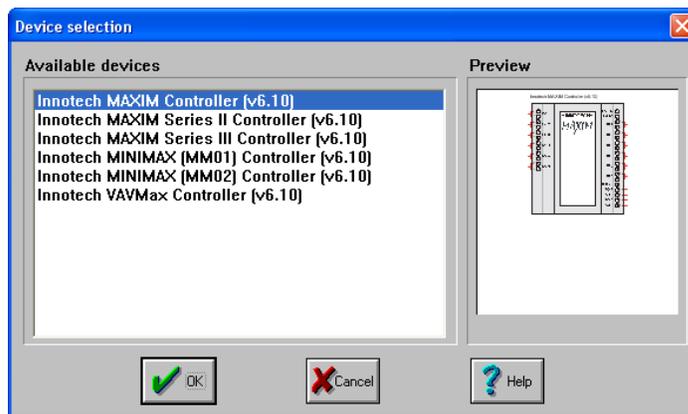13. Once the Setup is complete, click finish to finalise the installation.

The Maxim Software Bundle v5.40 is now installed.

Connecting To An IComm Simulation Device and Server

1. Open the MaxCon Program.
   - To do this, open the Start Menu, click on All Programs – Innotech – MaxCon V5.40 – MaxCon

2. Once the program is opened, choose the device, Innotech MAXIM Series III Controller (v6.10) from the selection page.
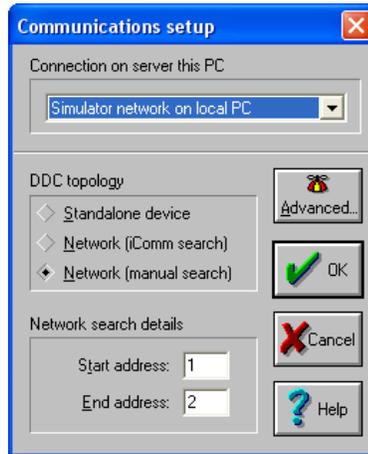

3. Next, select the blue tile from the toolbar, located in the top right corner of the program screen.

   Once selected, left click anywhere on the plane, to place the tile down, then right click to return to the arrow cursor. Double click on the block to change the Block Name to Temp, or any appropriate label, then press OK.
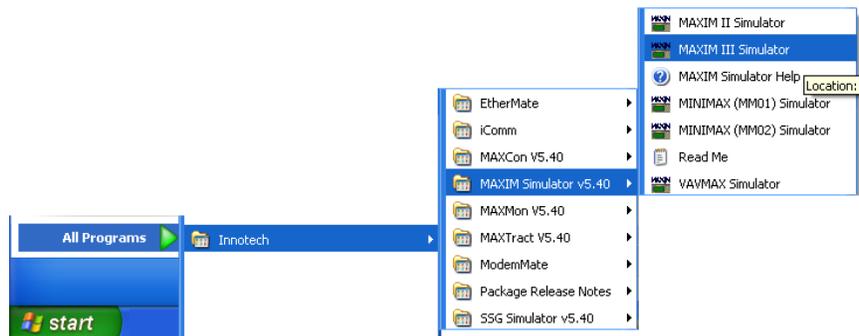
4. The next step is to connect to a simulation server. In the MaxCon program, click on Communicate in the top toolbar, and go down to Comms Settings. This will open the iComm Communications Server program (Innotech iComm V1.20X[WK02]). In this program, the third Connection ID is called 'Simulator Network On This PC'. If the connection status of this point is Not Connected, right-click and select Connect. Now minimise this program to return to MaxCon.

5. After connecting the Simulator Network on the local PC, the following Communications Setup popup window will appear in MaxCon.
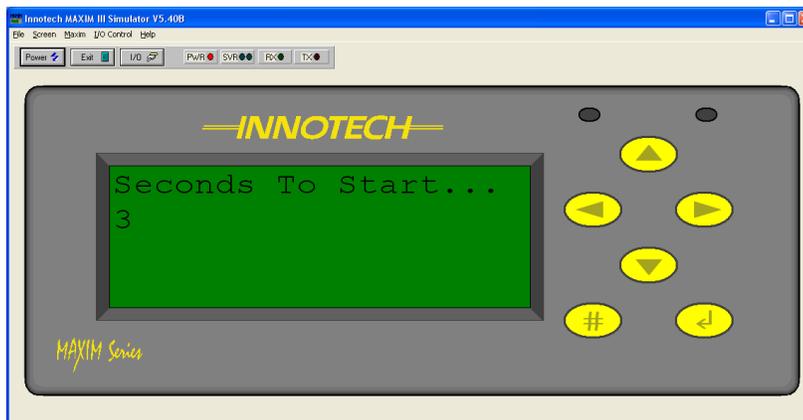

From the drop-down menu, choose the 'Simulator Network on Local PC', and select Network (Manual Search) from the DDC Topology list. In the Network Search Details, state the Start Address as 1 and the End Address as 2, then click OK.
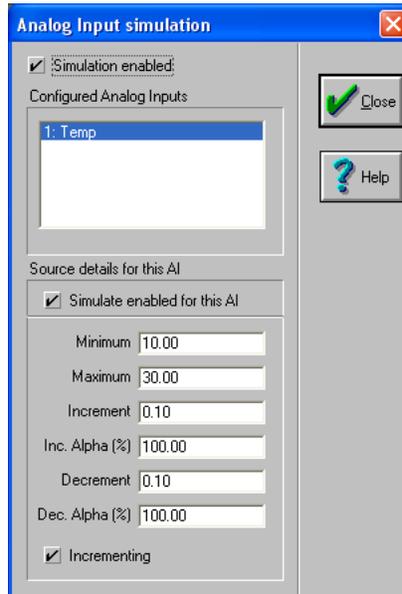
6. Next, the MaxSim Program must be opened, to create a simulator device for the iComm connection to connect to. To do this, open the Start Menu, click on All Programs – Innotech – MAXIM Simulator V5.40 – MAXIM III Simulator.

Once the program is opened, click Power, located in the top right corner of the screen. The simulator MAXIM will then countdown to start.

7. Next, in the Maxim III Simulator, go to I/O Control in the top toolbar, and then click on Configure Analog Input Devices… Doing so will present the following Input Box:
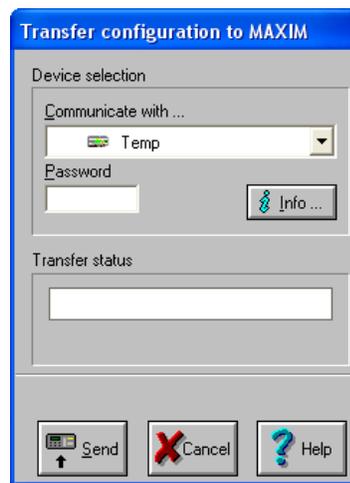

For the Analog Input Simulation, the following parameters must be set:
- 'Simulation Enabled' must be ticked
- The Analog Input 'Temp' (from MaxCon) must be selected
- 'Simulate Enabled For This AI' must be ticked
- Minimum of 10.00, Maximum of 30.00 and an Increment and Decrement of 0.10
- 'Incrementing' must be ticked

Once these have been set, click Close.

Now minimise this program to return to MaxCon.

8. Back in MaxCon, go to Communicate in the top toolbar and click on Transfer to Maxim. Doing this will bring up the following popup:
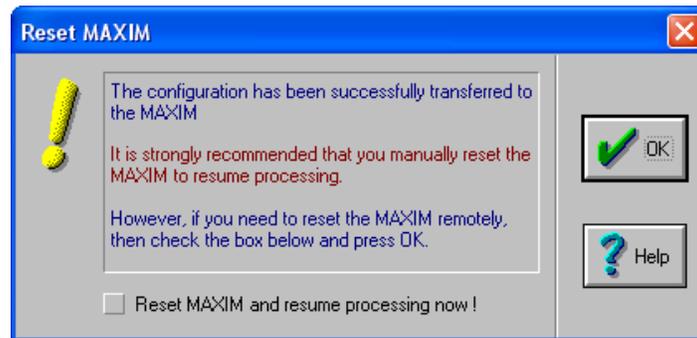

Click Send to continue with the connection.

9. Clicking send creates the following screen where the device name can be changed. Once the necessary changes have been made, if any, click either 'Use Current Info' or 'Send New Info' to continue.

The Information will then be sent to the Maxim III Controller Simulation.

10. When the transfer is complete, click OK on the following popup window to continue.

11. Following this, the next window will appear:

'Reset MAXIM and resume processing now!' must be ticked before clicking OK to continue.

12. Click OK on the following window also.

13. Next, open and sign into the Cabak Monitor Application. If you have not set up a personal Admin account, use the default username 'Admin' and password of 'password'.
    Go to the Points Section.

14. To add a new point, click on the details tab. Then, on the toolbar at the bottom, click ADD. Then, enter the following details for the point:
    - Interface Type: IComm
    - Alias: Temp (or the specific name of the MaxCon point)
    - Owner: Optional (if relevant)
    - Server Address: because the server is locally hosted, the address is 127.0.0.1
    - Connection ID: 3 (From iComm Communications Server)
    - Device Address: 1
    - Point Address: Temp (or the specific name of the MaxCon point)
    - Real Description: Temp (or the specific name of the MaxCon point)
    - And any relevant information from there on, such as Alarm, Charge Rate, Log Accumulator/Digital/Alarms/Display
    Once completed, click save to create the point.

15. Once the new point is created, click on the Monitor tab in the side toolbar. The point that was just created should appear, along with a fluctuating point value. If there is no point value present, the MAXIM III Simulator may need to be restarted by pressing Power twice.