Icomm Installation Instructions

- 1. Go to <u>www.innotech.com.au</u> 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	
<u>Software</u>	
Documents	
Marketing	

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

Innotech Software Downloads
* Demos
+ 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):



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.



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.

Innotech Setup				
Licence Agreement Please read the following licence agreement carefully.				
Press the PAGE DOWN key to see the rest of the agreement.				
Software Licence Agreement				
Updated 3 July 2003				
1. Introduction				
a. This Licence Agreement ("Agreement") is an agreement between you and Innotech Control Systems Australia ("us"). Please read these terms and conditions carefully before downloading any software and applicable documentation as they contain important information about your rights and obligations. It governs your use of the software				
Do you accept all the terms of the preceding Licence Agreement? If you choose No, the setup will close. To install Innotech MAXIM 5.40, you must accept this agreement.				
InstallShield				
<u> </u>				

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

- · ·	<u> </u>	
company for whom y	ou work.	
< <u>B</u> ack	<u>N</u> ext >	Cancel
	company for whom y	company for whom you work.

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

Innotech Setup	
Choose Destination Location Select folder where Setup will install files.	
Setup will install Innotech MAXIM 5.40 in the following folder.	
To install to this folder, click Next.	
Destination Folder	
C:\Program Files\Innotech	
InstallShield	
< <u>B</u> ack <u>Next</u> >	Cancel

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.

Hardwa	re Installation
1	The software you are installing for this hardware: Universal Serial Bus controllers has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

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.

Communications setup	
Connection on server this PC	
Simulator network on local PC	
DDC topology	ð <u>A</u> dvanced
 <u>N</u>etwork (iComm search) <u>N</u>etwork (manual search) 	🖌 ок
Network search details Start address: 1	Cancel
<u>E</u> nd address: 2	Help

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.

			1	MAXIM II Simulator
				MAXIM III Simulator
				MAXIM Simulator Help
		🛅 EtherMate	۲ 🖞	MINIMAX (MM01) Simulator
		iComm	۲	MINIMAX (MM02) Simulator
		mAXCon V5.40	•	🗐 Read Me
		maxIM Simulator v5.40	<u>۲</u>	YAVMAX Simulator
		maxMon V5.40	•	
All Programs 🜔	🛅 Innotech 🔹 🕨	mAXTract V5.40	•	
		🛅 ModemMate	•	
		🛅 Package Release Notes	•	
🛃 start		🛅 SSG Simulator v5.40	•	
			-	

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

Tinnotech MAXIM III Simulator V5:408	
Ele Sonen Maxim (JO Control Belp Power ở Est III //0 57 PW/R● SVR●● RX● TX●	
-INNOTECH-	
Seconds To Start 3	
MAXIM Series	# •

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:

Analog Input simulation	
 ✓ Simulation enabled; Configured Analog Inputs 1: Temp 	V <u>C</u> lose
	? Help
Source details for this Al	
Simulate enabled for this Al	
Minimum 10.00	
Maximum 30.00	
Increment 0.10	
Inc. Alpha (%) 100.00	
Decrement 0.10	
Dec. Alpha (%) 100.00	

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:

Transfer configuration to MAXIM
Device selection
Communicate with
🖙 Temp 🗾
Password
Transfer status
■ Send Cancel ? Help

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.

Confirm send of new device system setti	ings 🔀	
Current device system information	New device system information	
Device name Test Temp	Device name (max 16 characters) Temp	
Network Settings Addressing Mode Primary Subsystem Device address (must be 1-128) 1 Device baud rate selection NET: 9600 / GBL: 4800 NET: 9500 / GBL: 38900 Start date First Sun of Jan Date based on current year: 04/01/09 Stgp date First Sun of Jan Date based on current year: 03/01/10 Daylight Savings time difference 1	Network Settings Addressing Mode Primary Subsystem Device address (must be 1-128) Device baud rate selection NET: 9600 / GBL: 4800 NET: 57600 / GBL: 38400 Start date Occurrence Day First Sun Stap date Occurrence Day Stap date Occurrence Day Stap date Occurrence Day Stap date Occurrence Day Jan Jan Date based on current year 03/01/10 Date based on current year 03/01/11 Date based on current year 03/01/11 Date based on current year 03/01/11 Date based on current year 03/01/11	Transfer configuration to MAXIM Device selection Communicate with Temp Password Image: Communicate with Transfer status Writing data to Controller Cancelling the transfer at this point will corrupt the device Image: Concelling the transfer at this point will corrupt the device Image: Concelling the transfer at this point will corrupt the device
Use the Current Info and continue	Send the new Info and continue	
Cancel	? Help	

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.