

Application Note

An introduction to using the Touchpoint Pro PC Configuration Software



System configuration is simplified and time-effective with Touchpoint Pro' intelligent and flexible PC Configuration Software

Touchpoint Pro system channels can be configured by using the Touchpoint Pro' Controller's touch screen User Interface or the optional Touchpoint Pro PC Configuration Software.

The Touchpoint Pro PC Configuration Software is especially designed to simplify the configuration of individual channels and reduce the overall commissioning time for larger systems.

The PC Configuration Software is optimised for the larger screen of a PC monitor. Especially for configuration of larger systems, the PC provides better comfort and efficiency than using the touch screen. In the PC Configuration Software many of the configuration screens are combined, reducing the overall commissioning time of the channels.

Key configuration steps

1. IP Address and connection

The IP address needs to be entered and confirmed with the **Connect** button. In the example screen shown, the IP address has been set to 192.168.1.200.

Enter IP Address

192 . 168 . 1 . 200

Connect

Device Verification

Device ID	0043-0015-007F
Configuration Counter:	43
Previous User:	A
Date of Last Configuration:	5/31/2012 1:52:22 PM

Please verify the connected device ID

Accept

Reject

The **Device Verification Data Screen** will now be shown and the green tick shows that the connection status is OK. Press **Accept** and the **Tools Screen** will be shown.

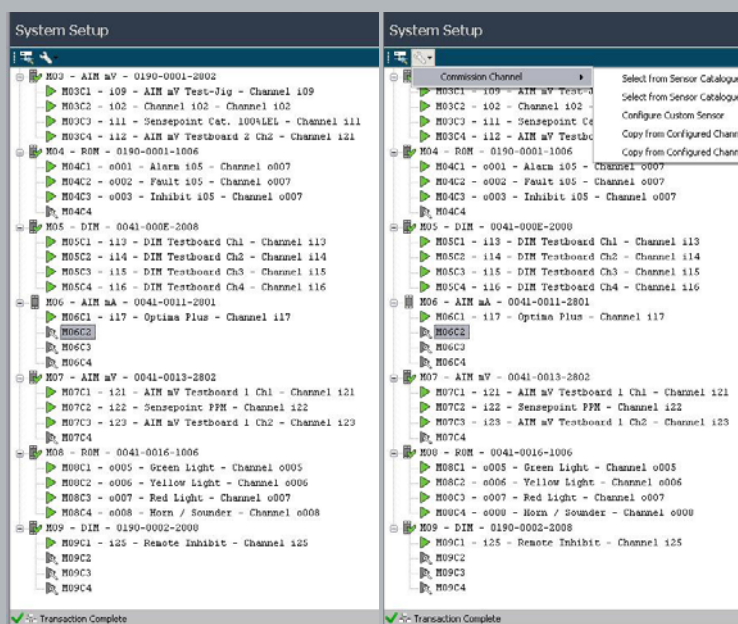
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2. Tools screen

The **Tools Screen** includes **System Configuration** (1) and **Diagnostics** (2).



2.1 How to configure a channel

If you click the **System Configuration** button (1), the **System Setup** button (1.1), **User Management** button (1.2) and the **Control Centre Board (CCB) Management** button (1.3) will be displayed.

Next steps:

1. Click the **System Setup** button (1.1) to configure the channel.
2. A System Setup tree will be displayed.
3. Click on the **Channel** that you wish to configure and then click on the **Configure** button
4. A scroll down box will now open
5. Select the **Configuration** option

Individual channels can be configured in several ways:

- Using the built-in **Sensor Catalogue** (Analogue Input Modules only)
- By completing a full **Custom Configuration**
- By copying a previously configured channel

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Module Type: AIM mA
Module UDID: 0041 - 0011 - 2801

Channel ID
Modified Value: i03
Sent Value: i03

Channel Location Tag
Modified Value: Gas House 25
Sent Value: Gas House 25

Channel Custom ID
Modified Value: Channel i03
Sent Value: Channel i03

Back Send **Accept** Edit Skip

2.2. Commissioning a channel using the Sensor Catalogue

When the Sensor Catalogue is used, only the Channel ID, the Channel Location Tag and the Channel Custom ID need to be programmed. The rest of the configuration is programmed automatically. This is the fastest and most efficient way to commission a channel. The steps involved in this process are detailed below:

1. Enter the Channel ID - use the default setting or select a parameter from the scroll down box
2. Enter the Channel Location Tag - use the default setting or change the parameter.
Up to 30 characters can be entered. *It is important to use a name that will help to identify the system location afterwards*
3. Enter the Channel Custom ID. *This parameter is only visible in the **Input Detail Screen** or in **Reports***
4. Click the **Send** button
5. Click the **Accept** button
6. Enter the Field Device Name. *All devices will be listed in the Sensor Catalogue scroll down box*

Field Device Name
New Value: Sensepoint Toxic

Sensor Name
New Value: CO 0-500ppm

Back Send **Accept** Edit Skip

7. Enter the Sensor Name. *The scroll down box will list all available sensor names for the selected Field Device*
8. Click **Send** button
9. Click **Accept** button
10. A pop up will now show you that your configuration was successful. Click **OK**
11. The newly configured channel will now be shown in the **System Setup Tree**

Please Note: Only the active buttons are highlighted.

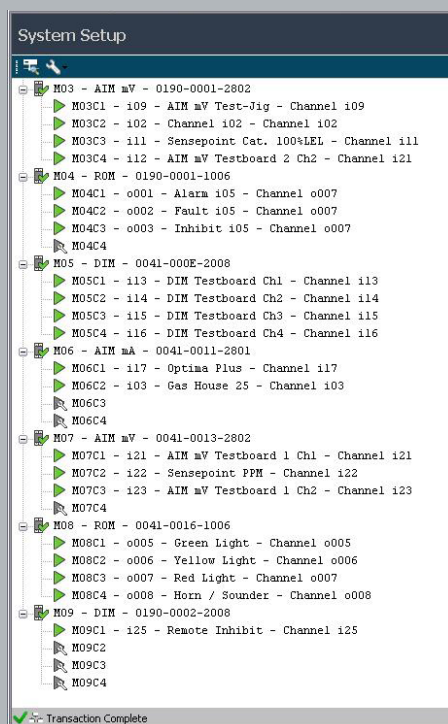
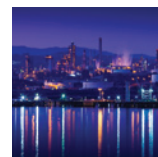


Configuration for Channel
'M06C2 - i03 - Gas House 25 - Channel i03'
is successful, please proceed with calibration and/or testing.

OK

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Channel Selected: M06C3 - i04 - Channel i04 - Channel i04 2/8

Field Device Selection Field Device Name New Value: Generic Field Device	Sensor Range Settings Gas Range Settings <table border="1"> <thead> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>New Value: 0 % FSD</td> <td>100 % FSD</td> </tr> </tbody> </table>	Minimum	Maximum	New Value: 0 % FSD	100 % FSD
Minimum	Maximum				
New Value: 0 % FSD	100 % FSD				
Sensor Name New Value: Generic Sensor	Signal Range Settings New Value: 4.0 mA 20.0 mA				
Sensor Settings Gas Name New Value: Gas	Display Settings Decimal Places New Value: 2				
Gas Unit New Value: % FSD	Peak Hold Enable New Value: ☐ Enable				
Zero Suppression Settings <table border="1"> <thead> <tr> <th>Negative</th> <th>Positive</th> </tr> </thead> <tbody> <tr> <td>New Value: 0 % FSD</td> <td>0 % FSD</td> </tr> </tbody> </table>		Negative	Positive	New Value: 0 % FSD	0 % FSD
Negative	Positive				
New Value: 0 % FSD	0 % FSD				

Buttons: Back Send Accept Edit Skip

Example of one of the System Setup/Sensor and Display Setting screens

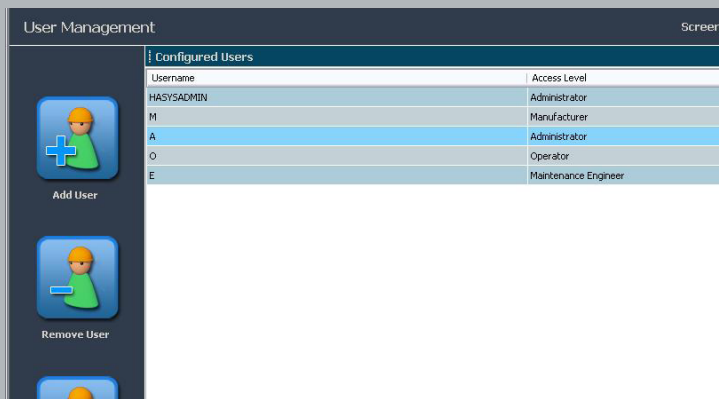
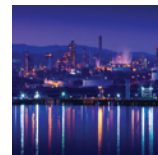
2.3 Commissioning a channel using the Custom Channel Configuration

This option enables the user to set parameters as required. The steps involved in this process are detailed below:

1. The first five steps are identical to those described in 2.1.
2. Now walk through the **Setting** screens and define the parameters as required
3. After each setting screen click the **Send** and **Accept** buttons
4. The **Back** button enables the user to go one step back and change parameters as desired
5. After setting all parameters click **OK** to confirm that the configuration was successful
6. The new configured channel will now be shown in the **System Setup Tree**

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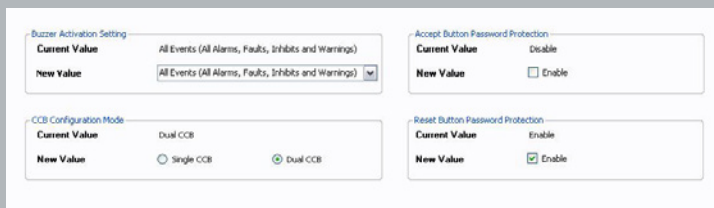
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Example of the User Management screen

2.4 User Management

In the **User Management** section (1.2) the **Configured User** (User Name and Access Level) are displayed. This tool allows users to be added, removed and also passwords to be modified. Click the button as required.



Example of the CCB screen

2.5 CCB Management

The **CCB Management/CCB Configuration** section (1.3), allows access to buzzer activation settings, single or dual CCB modes and also password protection.

The screenshot shows the 'Diagnostics' screen with a table of module status. The table has columns: Module, Type, Status, Firmware Version, and Errors. The screen ID is V510.

Module	Type	Status	Firmware Version	Errors
Master CCB		Normal	0.0.1.17	
Redundant CCB		Normal	0.0.1.17	
MD8	ROM	Normal	0.0.1.9	0
MD7	ADPnVnBridge	Normal	0.0.1.9	0
MD6	ADH_20mA	Normal	0.0.1.9	1
MD5	CDH	Normal	0.0.1.9	1
MD4	ROM	Normal	0.0.1.9	1
MD3	ADPnVnBridge	Normal	0.0.1.9	1
MD2	ADH_20mA	Normal	0.0.1.9	1
MD1	CDH	Normal	0.0.1.9	1
MD9	CDH	Normal	0.0.1.10	0

Example of the Diagnostic screen

3. Diagnostics

In the **Diagnostic** section the status, firmware version and number of errors in the configured Modules / Module types are displayed.

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