Release Information

HMS IPconfig (Installer)

This release contains:

Type	File/Subcomponents	Label	File updated in this release
This document	-	-	Yes
Installer	HMS IPconfig Setup 4.3.0.0.exe	7094-main-installer_4.3.0.0	Yes

Package history:

Release	Update
First release	–

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7094 - HMS IPconfig (Installer)
Application
Version 4.3.0.0
2021-11-18

Reason for release:

- Update the Hms.IPconfig.UI.components module to version 1.2.0.0.

Affected functionality

		Description
Affected functionality	☐ Network conformity ☐ Application interface ☐ Network interface ☐ IT-functionality ☐ Security ☐ Stability ☒ Other	-

Field update recommendation

		Description
Field update recommendation	☐ Update required for conformance testing ☐ Only devices in the field showing problems ☐ All devices in the field	Update is only required if support for Anybus Wireless products is needed.

Compatibility:

Operating system

The minimum required operating system version is Microsoft Windows 7 SP1.

.NET Framework

The minimum required version of Microsoft .NET Framework is 4.6.

How to upgrade from previous versions:

Run the setup program. When the installer detects that a previous version already is installed, choose to uninstall the previous version.

Known limitations:

-

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Updated in version 4.3.0.0:

Title	Category	Description	Issue(s)
Update the Hms.IPconfig.UI.components module to version 1.2.0.0: HICP uses Module version as the presented version	Bug fix	Changed so that the Module version is used instead of the Protocol version for HICP modules. Previously, if the HICP module, reported more than one version the Protocol version would be used, if present. This is likely not what the user expect, thus this is changed so that the Module version is used, if present.	A7094-297.

Updated in version 4.2.0.0:

Title	Category	Description	Issue(s)
Updated Hms.Net.At module to version 1.1.0.0	Bug fix	If DHCP were enabled for a module with the AP-protocol (Wireless Bolt or Bridge), the IP suite reported were not the IP suite being used, but the IP suite that were most recently set statically by the end user. Problem is corrected by implementing a new version of the AMSTAT=2 in the firmware of the Wireless Bolt/Bridge. This correction is available as of firmware 2.4.x. Before this firmware the IP suite used will show up in Ipconfig with the gateway address and the subnet mask blank, or in worst case also with the IP address blank, if the firmware version is very old.	A7094-300.

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Updated in version 4.1.0.0:

Title	Category	Description	Issue(s)
Rather long start-up time	Improved functionality	Added a splash screen during loading of the program to indicate that there is something going on.	A7094-230.
Crash on apply if DNS servers not entered	Bug fix	Changed so that if the DNS servers are not set the fields will not be used.	A7094-278
Allow only one program instance	Bug fix	Changed so that only one instance of the program is allowed. If trying to start a second instance, focus is shifted to the first instance already started.	A7094-282
HICP scan start failed improved	Bug fix	Changed so that if the component would fail to start the HICP scan of the network an error is displayed to the user.	A7094-285
Add delay after IP assignment unitl a new scan is performed	Improved functionality	Added a short delay after a successful Configure command, to avoid that devices with changed IP address show up with no IP address (0.0.0.0).	A7094-296
Installation fails if Npcap is installed in WinPcap compatible mode	Improved functionality	If Npcap is installed in WinPcap compatible mode, the installer fails to detect this and aborts the installation. This has been corrected so that the installer now recognizes this and accepts Npcap in WinPcap compatible mode as an allowed driver instead of WinPcap.	A7094-290

Updated in version 4.0.3.0:

Title	Category	Description	Issue(s)
AT module configuration changes applies immediately	Improved functionality	Anybus Wireless products using the AT protocol for IP configuration are automatically reset during configuration, resulting in their new configuration being applied immediately after the reset.	A7094-272
The Apply result is shown after the command has finished	Improved functionality	The Apply command that applies the configuration consists of several steps. The result that is displayed under the button is now shown only after the last step has been completed; otherwise it could show that the command succeeded before it changes to display that the command failed as only the first part succeeded.	A7094-277

Updated in version 4.0.2.0:

Title	Category	Description	Issue(s)
Name change	Other change	The name of the application was changed from Anybus IPconfig to HMS IPconfig.	-
Completely rewritten user interface	Other change	The user interface of the application has been completely rewritten to look like a modern Windows app.	-
Added support for Anybus Wireless modules	New functionality	Support for Anybus Wireless modules using the AT protocol for IP configuration has been added to the application.	-

Bugs that are found in this software release should be reported back to HMS support department. Report product, software version, configuration, how to reproduce behaviour, and the effects of the bug.

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Updated in version 3.2.1.1:

- Bug fixes

- Internal ID: 0011618. It is now possible to set the IP address for ABS-PIR units.

- Internal ID: 0013355. Accepts 255 as last digit for IP address.

Updated in version 3.1.1.2:

- Features

- **The HICP dll does not return duplicate results from a single scan**.

- **It is possible to set a specific network interface controller as a command parameter now.**

- **The HICP dll has a new method Ping that can be used to detect when a module is online.**

- Bug fixes

- Internal ID: 0011477. It is now possible to set the IP address for ABS-PIR units.

Updated in version 3.0.1.5:

- Features

- **Added Secure HICP**. It is now possible to configure and scan for devices in the Anybus CompactCom -40 series.

- Bug fixes

- **Open/ close the socket (port) when used.** It is now possible to use one or several instances of IPconfig.

- Internal ID: 0010803.

Updated in version 2.1.1.1:

- Features

- **New installer background picture.** No other updates.

Updated in version 2.0.1.1:

- Features

- **Internal DHCP server added.** A DHCP server has been added that can be used to recover modules that have accidently had DHCP turned on, when used on networks that doesn't use DHCP.

- **Wink added.** It is now possible to send a wink command to a module that supports it. Wink is accessible from the context menu of a module.

- **New application icon.**

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- Bug fixes

- **Installer failed to upgrade old installations that were damaged.**
Internal ID: 0007530.

- **Rejected changes no longer look like they were accepted until a new scan was done.**
Internal ID: 0006010.

- **Invalid password error message only displayed once and only for the user that tried to change the password, instead of being broadcast to every IP Config user.**
Internal ID: 0002917.

Updated in version 1.8.1.2:

- Bug fixes

- **Window title and about box back again.** In version 1.8.1.1 the about box and title of the application were missing, but are now back again.

Updated in version 1.8.1.1:

- Bug fixes

- **Fixed possible problem with malformed HICP responses.** It was possible to generate buffer overruns/force application shutdowns with malformed HICP responses. Internal ID: 0006124.

Updated in version 1.7.1.2:

- Bug fixes

- **Copyright.** The copyright on the files says '2002-2011' and the name of the application is set to 'Anybus IPconfig'. Changes are made on both the .EXE and .DLL.

Updated in version 1.7.1.1:

- Bug fixes

- **Crash on invalid HICP packets.** Application crashed when invalid package are received on port 3250. Invalid packages will occur as N/A in the list. (Internal ID: 4566).

- **Broadcast on Windows 7.** Each network interface controller (NIC) will open a socket on port 3250 and broadcast on it. An option to select all NICs or a single NIC is made in a settings window. (Internal ID: 4826 and 3851).

- **Invalid Configuration.** When an invalid configuration is made, an error message is shown to the user. For example when trying to change IP Address to 127.0.0.1. Internal ID: 3186).

- Features

- **Open Web Interface.** Right clicking with the mouse on a module in the list will pop up a context menu where the user can select 'Configuration' or 'Open Web Interface'. The 'Open Web Interface' will open the module in default web browser. (Internal ID: 5712).

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Updated in version 1.6.1 Build 01:

- Bug fixes

- **Fixed problem with IP-Address field.** The IP Address where incorrect displayed for modules containing the letter combination "IP" for example ABS_EIP (2Port) module.
  Internal ID: 0003140.

- Other changes

- **Support for older windows version removed.** The supports for windows version older then Windows 2000, like Windows 98 and Windows NT 4.0, is removed.

Updates in version 1.5.1 Build 1:

- Added Windows Vista support.

Updates in version 1.4.1 Build 1:

- Added support brand labelling.

Updates in version 1.3.1 Build 1:

- Fixed bug #2190. It was not possible to change to new password.

- Fixed bug #2196. Also send selected MAC address on socket at program end (New feature). Example of sent string:
  <SELECTED_IP>192.10.12.138</SELECTED_IP>
  <SELECTED_MAC>10-55-AE-69-02-56</SELECTED_MAC>

Updates in version 1.2.1 Build 2:

- Fixed bug that made the program send junk data on socket if dialog is closed with the X button in the right corner.

Updates in version 1.2.1 Build 1:

- Fixed bug #2110 Send selected IP on socket at program end (New feature).

- Fixed bug #1319 Reconfigure window works incorrectly with long hostname

- Code cleanup to be able to send the code out to customers.

- Fixed memory leak.