7412 - Anybus Configuration
Manager – Communicator
RS232-422-485
Application
Version 4.4.1.3
20150121

Release Information

Anybus Configuration Manager – Communicator RS232-422-485

This release contains:

Type	File	Label	File updated in this release
This document	-	-	Yes
Installation Package File	Anybus Configuration Manager - Communicator RS232-422-485 Setup 4.4.1.3.exe	7412-HMS_4.4.1.3	Yes

Package history:

Release	Update
First release	–

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Reason for release:

Add support for PROFINET IRT and CC-Link IE Field

How to upgrade from previous versions:

Run the installer

Known limitations:

No known limitations.

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Updated in version 4.4.1.3:

Title	Category	Description	Issue(s)
Added support for PROFINET IRT	New functionality	Possibliyt to select PROFINET IRT has been added to be able to configure settings for the Anybus Communicator RSXXX - PROFINET IRT	US1271
Added support for CC-Link IE Field	New functionality	Possibliyt to select CC-Link IE Field has been added to be able to configure settings for the Anybus Communicator RSXXX - CC-Link IE Field	US1377
Change EtherNet/IP 2-port to EtherNet & Modbus-TCP 2-Port	Other change	Changed name of the "EtherNet/IP 2-port" fielbus type selection to "EtherNet/IP & Modbus-TCP 2-Port". This to make it clear that this is also possible to use with Modbus-TCP	US1272
Removed TCP/IP Settings for PROFINET IO	Bug fix	For PROFINET the device itself is not allowed to set the IP-address to a fixed value at every startup. The IP-address has to be configurable from PROFINET side. This is not possible if the IP-address is overwirtten at every startup by the carrier board	DE699
Increased address range in Modbus Wizard	Bug fix	The max range for Modbus address was 9999 in the Modbus Wizard. The max range is now changed to the correct max address for Modbus 65535 (0xFFFF)	DE699
Added address mode selection for Ethernet IP & Modbus TCP 2-port	Bug fix	Added possibility to choose Modbus address mode for Ethernet IP & Modbus TCP 2-port	US1805
Fixed problem in some versions of Windows XP	Bug fix	Fixed a problem that preventet application to start on some versions of Windows XP	DE699
Not possible to set parameters for Ethernet/IP in Modus Wizard	Bug fix	It was not possible to do selctions for some parameters in the Modus Wizard	DE373
Better description of the Block configuration button	Other change	Changed the description text for the "Block Configuration" button in Module tab in the Options dialog. This to better descripe what the button actual do.	US1843
Better error message when config size is to large	Other change	When creating a configuration and the configuration file size exceeds the limit you got an error message that just said "Information". This message is now updated and gives better information about the problem.	US1803
Added Online/Offline trigger properties for EtherNet/IP & Modbus-TCP 2-port	Improved functionality	Added new option to EtherNet/IP & Modbus-TCP 2-port settings to be able to disable that Online/Offline state is trigged by the EtherNet/IP Run Idle Header. This option must be set to disabled when using Modbus-TCP.	US1840
Fixed problem connecting to COM-ports with index over 9	Bug fix	Now possible to connect to COM-ports with index over 9.	DE828

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Updated in version 4.3.1.1:

Title	Category	Description	Issue(s)
Addes support for Ethernet/IP 2-port	New functionality	Possibliyt to select Ethernet/IP 2port has been added to be able to configure settings for the Anybus Communicator RSXXX - Ethernet/IP 2-port	
Changed fieldbus type name from Ethernet/IP to Ethernet/IP & Modbus-TCP	Improved functionality	If a ABC-EIP product shall be used for Modbus-TCP the selected Fielbustype shall now be EtherNet/IP & Modbus-TCP and not only Ethernet/IP whish was confusing for users.	0006768
Zero in serial number was lost	Bug fix	For some serial numbers a zero was lost when viewing the serial number in the About dialog.	0006330
Application crashes when editing Modbus Transaction	Bug fix	After configuration was built with Modbus Wizard the application was crashing when trying to edit the Query frame with the Transaction editor.	0005142
Fixed Reset problem on DeviceNet gateway	Bug fix	Anybus Communicator – DeviceNet is now correctly resetet when reset command is received from fieldbus	
Fixed problem in change of state trigger functionality	Bug fix	Change of state on trigger functionality did not work correctyly on DF1	0006381
Not possible to set parameters for Ethernet/IP in Modus Wizard	Bug fix	It was not possible to do selctions for some parameters in the Modus Wizard	DE373
Toolbar did not show all buttons at startup	Bug fix	Several buttons (i.e. Add Broadcaster) was hidden from toolbar at starup	DE374

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 4.2.1.1:

- Included version 2.03 Build 01 Master Mode Firmware files for the Anybus Communicator.

- Bug fixes

- Message Delimiter in Master Mode can now be up to 500ms. Internal ID 0006099.

Updated in version 4.1.1.1:

- Other changes

- Name change

- Bug fixes

- Please refer to the different firmware releases for the actual fixes.

Updated in version 4.0.0.9:

- Modbus TCP and Ethernet/IP mailboxes have been updated to allow some extra settings to be edited again (they were removed in 4.0.0.8 release).

Updated in version 4.0.0.8:

- Erroneous warning removed when saving generic mode configurations

Updated in version 4.0.0.7:

- DF1 protocol mode added.
- Messages and help texts updated to be clearer.
- All files are digitally signed including a new installer, to verify that all files are intact and properly installed.
- Included version 2.9.1.3 of abccom.dll
- Included version 2.01 Build 02 Firmware files for the Anybus Communicator.

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Updated in version 3.04:

- Bug fixes

- **Com ports should be detected better now** – Sometimes com ports numbered above 4 wouldn't be selectable in the config tool. Internal ID 0001955 and 0002161.

- **Corrected a spelling mistake** – In one of the wizard html files "of the" was repeated. Internal ID 0004242.

- Other changes

- **New version number was added to the software**

- **Included version 3.2.0.1 of ABC Config Tool files**

- **Included version 2.6.1.1 of abccom.dll**

- **Included version 1.61.01 of Master mode files**

- **Included version 1.41.01 of Generic data mode files**

Updated in version 3.03:

- New functionality

- **No new functionality has been added in this release of ABC Config Tool**

- Improved functionality

- **No improved functionality has been implemented in this release of ABC Config Tool**

- Bug fixes

- **Fixed problem that made it impossible to recover an ABC after a crashed download** – There was a bug in the ABC Config Tool that made ABC Config tool request password from the ABC even though it only contains bootloader after a cached firmware download.
Internal ID 003513.

- **Fixed problem with installation package** – The installation package put the Microsoft XML 3.0 component in wrong path which disturbed other programs using this same component, This caused execution of other programs to start the ABC Config Tool Installation or execution of the ABC Config tool to start up other programs installations.
Internal ID 003699.

- **Fixed problem with Modify/Repair** – In Control panel it was possible to push a button called "Change" to start the installation package and then choose ether to Modify or Repair the installation. For this option to work the installation package must be available in a specific folder on the computer which it is not in the case of Anybus Communicator Config tool. Problem solved by removing the "Change" button. If the installation should be repaired or modified you will have to

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browse to the Installation package location and run the installation again.
Internal ID 003833

- Other changes

- **New version number was added to the software**

- **Included version 3.1.0.1 of ABC Config Tool files**

- **Included version 1.60.02 of Master mode files**

- **Included version 1.40.02 of Generic data mode files**

Updated in version 3.02:

- New functionality

- **No new functionality has been added in this release of ABC Config Tool**

- Improved functionality

- **Changed name of ABC Profinet module –** The name of the Profinet module was too long for the previous version of the Anybus module. To be backwards compatible we have chosen to decrease the file name from "Anybus Communicator – Slave" to "Anybus Communicator".

- Bug fixes

- **No bug fixes has been done in this release of ABC Config Tool**

- Other changes

- **New version number was added to the software**

- **Included version 3.0.0.3 of ABC Config Tool files**

- **Included version 1.60.02 of Master mode files**

- **Included version 1.40.02 of Generic data mode files**

Updated in version 3.01:

- New functionality

- **Added additional text in the password window –** The password window has been extended with a more descriptive text with regards to the password implementation. There is now a warning when you try to enable/disable the password indicating that it will be impossible to reset a lost password. This was implemented according to request from a customer. An option has also been entered to disable/enable the password (default: disabled)

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- **Removed the possibility to download firmware to the fieldbus interface module –** Since the firmware download is not supported for some newer fieldbus hardwares as of today the functionality has been temporarily removed until this can be implemented.

- **Added Windows Vista compatibility including new splash screen –** The installation now includes a Windows Vista compatible installation as per request from many customers.

- **Added files to ABC Config Tool with new product information –** The new version of ABC Config Tool includes new product information for most of the configurable fieldbuses (see the release note for the embedded software for details about the specific product codes etc.

- Improved functionality

- **It is now possible to start the program even if no COM port is available on the PC –** In previous versions of the ABC Config Tool it was not possible to start the ABC Config Tool program when no COM port was available on the PC. This is currently true for many laptops which has caused some problems.

- Bug fixes

- **No bug fixes has been done in this release of ABC Config Tool**

- Other changes

- **New version number was added to the software**
- **Included version 3.0.0.3 of ABC Config Tool files**
- **Included version 1.60.02 of Master mode files**
- **Included version 1.40.02 of Generic data mode files**

Updated in version 2.34 Build 01:

- Updated version number
- Added version 1.34.01 of generic data mode

Updated in version 2.33 Build 01:

- Updated version number
- Included version 2.8.0.3 of the ABC Config Tool files
- Included version 2.5.1.4 of the abccom.dll files

- Included version 1.53.02 of master mode

- Added version 1.33.01 of generic data mode

- Removed Swedish language from installation

- Updated language files and wizard html files from version 2.29

Updated in version 2.32 Build 01:

- Updated version number

- Included version 2.8.0.3 of the ABC Config Tool files

- Included version 2.5.1.4 of the abccom.dll files

- Added EtherCAT to the list of fieldbus available

- Included version 1.53.02 of master mode

- Included version 1.32.01 of generic data mode

Updated in version 2.31 Build 01:

- Updated version number

- Downgraded to version 2.27 files

Updated in version 2.30 Build 01:

- Updated version number

- Included version 2.8.0.3 of the ABC Config Tool files

- Included version 1.52.05 of master mode

- Included version 1.31.02 of generic data mode

- Updated English language files for the checksum description

Updated in version 2.29 Build 01:

- Updated version number

- Changed one parenthesis in the description for the new checksum

- Removed R/O on some of the files included in the installation to make it easier to deinstall the program.

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Updated in version 2.28 Build 01:

- Updated version number
- Included version 2.8.0.2 of the ABC Config Tool files
- Included version 1.52.04 of master mode
- Included version 1.31.01 of generic data mode
- Included version 2.5.1.4 of the abccom.dll files
- Added checksum calculation according to new specification
- Minor updates to the Swedish files
- Added command ID 1280 – 1282 in ABCEnglish.lng
- Added command ID 2415 – 2416 in ABCEnglish.lng for Checksum
- Changed to Copyright 2001 – 2007 in about window
- Changed to www.anybus.com in about window

Updated in version 2.27 Build 01:

- Included version 2.7.0.6 of the ABC Config Tool files
- Updated version number

Updated in version 2.26 Build 01:

- Included version 2.7.0.5 of the ABC Config Tool files
- Updated version number
- Modified English language files with the following ID:s 2206, 2706
- Added ID=1279 to English language files.

Updated in version 2.25 Build 01:

- Included version 2.7.0.4 of the ABC Config Tool files
- Updated version number
- Included version 1.51.01 of master mode
- Included version 1.30.01 of generic data mode
- Included version 2.4.1.1 of the abccom.dll files
- Included CC-Link files for Master mode and Generic data mode

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Updated in version 2.24 Build 01:

- Updated bug in Russian HTML files
- Updated version number

Updated in version 2.23 Build 01:

- Included version 2.4.0.5 of the ABC Config Tool files
- Updated version number
- Included Russian language files
- Included version 2.3.1.5 of the abccom.dll files
- Included version 1.21.01 of the Generic data mode files

Updated in version 2.22 Build 01:

- Included version 2.3.0.1 of the ABC Config Tool files
- Updated version number
- Updated Help Files with new web page link

Updated in version 2.21 Build 01:

- Included version 1.42.02 of the Master mode files
- Updated version number

Updated in version 2.20 Build 01:

- Added lang files for german, italian, swedish, polish
- Included version 2.2.0.9 of ABC Config Tool
- Included version 0.90 Build 02 of the ABCC-Link wizard
- Changed names for wizard directories
- Changed names for modbus commands in command file
- Included version 1.41.04
- Updated HTML Files

Updated in version 2.19 Build 01:

- New version of the html files

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- Changed Protocol to Protocol mode
- Changed default length wizard to 2 byte in each direction
- Added new language files
- Added version 1.41.03 of the master mode software
- Include the updated web pages that describes the fieldbus setting for the master mode as well
- Change Wizard - Modbus RTU Master to Wizard - Master Mode
- Change to Wizard - CompactCom ExtLink

Updated in version 2.18 Build 01:

- Included version 2.0.0.8 of the ABC Config Tool

- Included version 0.90 of the Anybus CompactCom External Link Wizard

- Changed splash screen for the ABC Config Tool

- Changed wizard pictures for the Master mode wizard

- Included new Anybus icon

- Included version 1.41.02 of the Master mode software

- Made sure the wizard file is not self register

- Made sure abccom.dll is shared

Updated in version 2.16 Build 01:

- Added ABCType to registry
- Added the following parameter to winica.ini file

[Assigned]
Type=2
LowLimit=1
HighLimit=2
DefaultValue=1

- Changed Ethernet version from Ethernet to EthernetIP and ModbusTCP in separate versions
- Modified registry so that parameters are stored under VendorNumber.

Updated in version 2.15 Build 01:

- Included the new checksum AddInvAscii

- Increased version number

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Updated in version 2.14 Build 01:

- Updated version number

- Interbus updated to fieldbus type = 11 and added I/O size

- Modified Chinese translation

- Modified Polish translation

- Modified Swedish translation

- Added Profinet I/O

Updated in version 2.13 Build 01:

- Updated version number

- Added MaxCount in all transaction types to indicate the number of maximum allowed of each transaction type in the configuration

- Removed Sullair protocol.

- Added support for Chinese, Polish and Swedish

- Changed message delimiter default value to 100 for generic data mode

- Updated to Master software version 1.40

- Updated to Generic data mode software version 1.40

- Added function to disable Ethernet settings from the ABC Config Tool

- Added INTERBUS to the available fieldbuses

- Added parameter to the options file for the number of possible objects for all object types.

Updated in version 2.12 Build 01:

- Updated version number

- Added MaxCount=50 in all transaction types to indicate the number of maximum allowed of each transaction type in the configuration.

- Added support for "Sullair" protocol