RELEASE INFORMATION

Project name		Project No
Anybus Configuration Manager - Communicator CAN		7414
Software	Software version	Release date
PC Application	Version 1.7.1.1	20150507

This release contains:

- This document
- Install file "ACM Communicator CAN Setup 1.7.1.1.exe"

  Installation package contains:

  - ACM Communicator CAN.exe– Version 1.7.1.1
  - ACM UDP Connection.dll – Version 2.5.1.1
  - ACM USB Connection.dll – Version 2.5.1.1

Reason for release:

This is a maintenance release of the software containing fixed issues since last version released (1.5.1.1).

Compatibility:

Configurations created with this version of ACM Communicator CAN can be downloaded to devices with firmware version 1.08 Build 02 or later.

Known limitations:

- Sometimes the error message "Module in use!" appears when trying to connect.

Updated in version 1.7.1.1:

- Bug fixes

- **Fixed crash when changing IP-address -** Application crashed when IP-address field in Ethernet connection settings where changed. Internal ID: DE886

- **Fixed problem in About windows** - Web page link in About window did not work Internal ID: 0009343

- **Fixed problem with toggle buttons that always looked "Pressed**" - Toggle buttons in some dialog windows did always looked "Pressed" Internal ID: 0008702

- **Fixed problem with high CPU usage** – The application had a very high CPU usage. Internal ID: 00100426

Updated in version 1.5.1.4:

- New functionality

- **Added Modbus offline timeout parameter** – Added new parameter for setting Modbus offline timeout for the Modbus-TCP and Modbus RTU network protocols.

- **New configuration format** – New configuration format containing Modbus Offline timeout, configuration could only be downloaded to devices with firmware version 1.08 Build 02 or later

Updated in version 1.4.1.3:

- Produce data is set as error instead of warning on collision with CC-Link System Area (Bug #8878).

- Mouse scroll works in Address Overview and Monitor/Modify (Bug #8904).

- Installer scales with different DPI settings (Bug #8898).

- Added 'Launch ACM Communicator CAN' checkbox when installer finished (Bug #8887).

- Updated the help text for 'Modbus Connection Timeout' (Bug #8481).

Updated in version 1.4.1.2:

- Line listener and Monitor/Modify works at same time at Download (Bug #7690).

Updated in version 1.4.1.1:

- CC-Link download is now possible even if there is collision on non-system area (Bug #8090).

- Select USB device in USB COM DTM works correctly (Bug #7735).

- Correct SwapType is written to the configuration (Bug #7586).

- CAN ID in Line Listener is displayed as 3 or 8 char depending on type (Bug #7720).

- Possible to copy/paste entire CAN Frame into consume transaction (Bug #8114).

Updated in version 1.3.1.1:

- Fixed bug where the context menu on the tree won't show sometimes

Updated in version 1.2.1.4:

- Drop down components is greyed out when disabled.

- Set IP view in UDP Communication is visible at start

- Device selection is visible in UDP Communication

Updated in version 1.2.1.3:

- Change language will update all texts on the tool in real-time.

- Address overview displays information when hover with mouse.

Updated in version 1.2.1.2:

- Silence Time parameter added in Subnetwork.

- Consistency Check parameter added for Consume and Response transactions.

- Transaction Status Address parameter added for Consume and Produce transactions.

- Remove DP-V1 from PROFIBUS DP-V1 since it's not supported by the application.

- Updated XML version to 1.2 since it has additional parameters.

- Added new transactions called Dynamic Consume and Dynamic Produce.

Updated in version 1.2.1.1:

- Added functionality 'Reassign Addresses' that will reassign all addresses in order.

- Mapping addresses on CC-Link system area will generate an error instead of warning.

- All levels in the configuration tree can be renamed (for example 'Consume', 'CAN Frame', 'Data').

- Monitor/Modify will be able to select Query/Response transactions when only one has data objects.

- All address property fields have a pop up where an address can be chosen from a graphical view.

- Several views such as Monitor/Modify can be opened at the same time as other views.

- EtherNet/IP doesn't have 1 byte in/out limit and works with empty CAN frames.

Updated in version 1.1.1.6:

- Snapshot of latest DTM functionality. Upload/download added

Updated in version 1.1.1.5:

- New fieldbuses; CC-Link, ControlNet, EtherCAT, Modbus RTU, Modbus TCP, PROFINET IRT.

- Send configuration to gateway through Ethernet (UCOM).

- Project Summary displays the configuration setup in a web browser.

- Project Information added to set name, author, version and info for the configuration.

- EtherNet/IP fieldbus have Addressing Mode and Connection Timeout.

- EtherNet/IP fieldbus have I/O match parameter.

- Upload/Download password placed in Tools menu.

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- Diagnostics logs are saved as CSV-format.

- One CAN Frame is automatically added when creating a transaction.

- Logs are saved in Windows per user instead of shared for all users.

- CAN Line Listener support both 11 and 29-bit messages at the same time.

- Bug fix: Node Guarding is called Life Guarding

- Bug fix: Data in the CAN Line Listener is no longer cut when zero character is shown.

- Bug fix: Data in the CAN Line Listener is only shown when there is no RTR-bit set.

- Bug fix: Cancel in Options won't save the settings.

- Bug fix: Copy, Cut, Paste text with CTRL+C/X/V works in edit fields.

- Bug fix: Scroll works in application even after switching back and forth between other windows.

- Bug fix: Selecting a Recent File will ask the user if the current configuration will be saved.

Updated in version 1.0.1.11:

- Bug fixes (See Mantis)

Updated in version 1.0.1.10:

- Minor bug fixes.

Updates in version 1.0.1.9:

- IP settings updated for EtherNet/IP

- About dialog updated

- Lots of bug fixes in regards to editing data / limits on inputs etc

Updates in version 1.0.1.8:

- Progress bar added when uploading/downloading configurations

- Untitled shown in windows title bar for new configurations

- Many updates to config validation

- Multiple config errors and warnings are shown in the diagnostics view

- Only the currently supported fieldbuses are selectable (5 of them)

Updates in version 1.0.1.6:

- Maximum number of CAN frames increased to 256

- Acyclic I/O no longer shown in interface

- Query/Response counted as one transaction instead of 2

- Placeholder manual included and added to start menu

- Transport Provider 2.8.1.1 included since the USB driver from it is required

Updates in version 1.0.1.5:

- GUI supports all DPI and font size settings in Windows

- Requester when user is about to lose a changed configuration (on Exit, New and Open configuration)

Updates in version 1.0.1.4:

- Shortcut keys updated: F2 renames in tree, F5 updates diagnostics view

- Mouse wheel can now be used for scrolling

- Default value for "Transaction response timeout" changed to 0

- Monitor/Modify only works if the configuration in the module matches the configuration in the application. Likewise, the Line Listener won't mark own transactions unless the configurations match

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- Offline option added to CANopen fieldbus specific settings

- Selecting/changing connection is only possible when offline

- Set module password added (from online menu)

- Print, Update firmware and Help removed from application

- /SEND config.hcg and /GET config.hcg added as command line parameters if wanting to automate downloading/uploading

- All IP settings removed for Profinet

- A maximum of 8 simultaneous instances of the application may be running (more than one might be useful when searching for errors)

Updates in version 1.0.1.3:

- Current config name shown in window title bar

- Options updated: possible to choose directory to output log files to (the log files are outputted to two different subdirectories of the directory chosen). The default directory is a subdirectory to Documents for all users - same directory as is default for configurations to be saved in.

- Bus off action in subnetwork disabled when control/status word is used

- Some extra info is shown directly in the tree (which fieldbus is selected, and the actual CAN Frame id's for each frame)

- Many updates to the Diagnostics/Status view (errors shown with red text, more information etc)

- It's no longer possible to download faulty configurations (if any errors are reported in the Diagnostics view it is deemed faulty)

- "Disabled" network type added (in case of not having an ABS attached in the future)

Updates in version 1.0.1.2:

- Updates to the icons, lists and toolbars in all views (status better shown, things are disabled when not connected etc)

- USB Connection changed name

- Connect/disconnect removed from right click menu

- "RTR" and "Inhibit time" removed from Produce CAN Frames

- "Update on RTR" is disabled when having more than one CAN Frame in a Produce transaction

- Control/Status now properly occupies two bytes in address mapping

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- All addresses automatically defaults to first available (free) address in the appropriate memory area

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.