VIRTEC VTClient v2.4.0 Release Notes

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Changelog

Important Notice

Please Note: *Aux Control is in Beta right now, and is not recommended yet for production systems. However, the API is for the most part finalized, and so this beta should be suitable to develop & test against.*

v2.4.0
- Bug #7491: Preferred assignments was not differentiating between same model auxiliary input units

v2.3.1
- Bug #3638: `ChangeChildLocation_Command()` not applying offsets

v2.3
- Feature #2515: Aux Functions Universal Callback

v2.2
- Bug #1952: Mutex not released when receiving message from Aux-O devices
- Bug #2140: Metrics race condition
- Bug #2225: Get Memory Response handler not closing pipe read handle (memory leak)
- Bug #2226: NACK handler not filtering by Group Function
- Bug #2233: Close the Read Pipe when receiving unhandled VT to ECU messages.
- Bug #1693: Scale Factor doesn't work when object pool is loaded from Non-Volatile
- Bug #1745: Duplicate AuxiliaryFunction_T/AuxiliaryInput_T arrays created when there are multiple IOP groupings
- Bug #1607: `const` qualifier on `void` return causes compiler warnings
- Feature #1053: Implemented Learn Mode for Auxiliary Control
- Issue #686: Simplify VT Callbacks Registration

v2.1
- Implemented Preferred Assignment for Auxiliary Control
- Bug #285: VTClient: Something is grabbing VT mutex and not releasing it
- Bug #873: Object Pool callbacks were not backward compatible.
- Bug #946: Releasing mutex without getting it first.

v2.0

- Registration for callbacks related to the content of an object pool within an `ObjectPool_T`
- Modified ConvertIOP.pl script to output Object Pool Parts in the same order each time, allowing changes to the object pool to be easily detected
- Changed access to Aux Input's `AuxiliaryInput_T` object to be done through the `VTClient_T` object
- Normalized Auxiliary Control Input orientations
- Removed unnecessary macros related to Aux Control
- Bug #287: Load Version command sometimes made it out before the first Working Set Maintenance message causing connection issues with some VTs
- Bug #377: Auxiliary Control was not removing assignments upon loss of communication with the VT at Function Instance 0
- Bug #380: Auxiliary Control now more accurately tracks which VT is at Function Instance 0

Download VTClient v2.4.0

You can download a copy of the latest VTClient library by pointing your SVN client to your customer repository:

https://subversion.distek.com/svn/CustomerXYZ/DISTek/ISOBUS/VTClient/VTClient_v2.4.0

(where CustomerXYZ is your customer repository; "XYZ" is your customer number.)

Upgrading from VTClient v2.2

Upgrade Requirements

VTClient v2.4 requires **Foundation v2.1** or higher to build.

Upgrading

Once downloaded, you will need to replace the following 3 files in your project with the updated ones obtained from your repository:

- VTClient.c
- VTClient.h
- VTClient_cobf.h

Please refer to the UserGuide for information on the new Aux Functions Universal Callback feature.

If your version of VT Client does not support Aux Control, contact [sales@distek.com] to get this feature.

Known Issues

More Information

Reporting Bugs

Your comments, bug reports, and suggestions will help fix bugs and improve the quality of future releases. Please report bugs and/or provide feedback to us at virtecsupport@distek.com

Support

If you require support with VIRTEC, please contact us at virtecsupport@distek.com