RELEASEnotes

Perception & GEN Series firmware V6.16.11067

These release notes are:
Perception:
    from V6.14.10323 to V6.16.11067

GEN series firmware:
    from V6.14.10323 to V6.16.11067

Firmware release notes will no longer be available as separate release notes as the firmware and its update process is now an integral part of the software.

Supported/Tested Windows 32 bit versions:

- Windows XP Service Pack 3
- Windows Vista Business SP2
- Windows Vista Ultimate SP2
- Windows 7 Ultimate SP1

Supported/Tested 64 bit versions:

- Windows XP Service Pack 2
- Windows Vista Business SP2
- Windows Vista Ultimate SP2
- Windows 7 Ultimate SP1

Supported/Tested Genesis High Speed platforms:

- GEN7t
- GEN16t
- GEN5i
- GEN2i
- LIBERTY4
- LIBERTY8

All Perception versions require Dot Net Framework V4.0 which will be distributed with the install and is also available for download on the internet.

All Perception versions now also require a Microsoft Direct3D® capable graphics card.

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The following options are part of this version:

- 826-026300 Multiple Workbooks
- 826-026200 Multiple Exports formats
- 826-026900 Multiple Mainframes
- 826-026600 Analysis (Formula database)
- 826-026700 Reporting & Word Reporting
- 826-027300 SOAP & RPC Interface
- 826-027400 Video Playback
- 826-032500 CSI Runtime
- 826-032700 Advanced High Voltage/High Power analysis (STL)
- 826-033600 Customized Info sheets
- 826-034400 HP-HV Automated Analysis
- 826-034900 BE256 / MultiPro Control
- 826-026800 Basic FFT
- 826-036300 Enterprise Edition
- 826-035500 HVIA
- 826-033000 Sequencer

RELEASEnotes

The following features have been added:

Perception:

10158   Add software support for all variants of new 16 & 32 channel acquisition modules

10054   Add HIC functions to formula database

10066   XY display for GEN2i and Perception

10100   Add double click action to Manager Sheets dialog to load or remove a sheet

GEN Series firmware:

10159   Add firmware support for all variants of new 16 & 32 channel acquisition modules

10072   Add time marker when IRIG signal gets restored including listing of the detected time deviation between IRIG and mainframe time.

10073   When changing amplifier span we auto adjust the trigger levels to a lower value, this causes hysteresis to become too small

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The following improvements have been made:

Perception:

10016   Add the maximum disk speed in the recording file

GEN Series firmware:

10015   Add suspend and pause notification in recording file

8095   Notify overall storage progress from Genesis to Perception.

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The following errors have been fixed:

Perception:

2061	Storage gets slower when more sweeps are added.
7941	Network dongle / HASP key cannot be updated from network PC
9593	Perception performance decreases over time and will stop working eventually.
9784	Power button doesn't shutdown GEN2i
9832	GEN2i: LIVE display does not show data
9921	GEN2i desktop shortcut to instrument panel manual must be updated during install
9975	Auto scaling Y-axis Display problem.
10018	Size of event traces not loaded back from workbench and preferences
10033	Deselecting GEN and Liberty firmware updates in preferences not remembered
10041	Automation Process Display does not always work when working with multiple workbooks
10044	Count field is grayed out when selecting multi sweep mode.
10045	Possible to move hidden horizontal cursors in FFT
10047	Saved Spectral Display is always forced to be linked when reloaded
10057	Using same channel from 2 different recordings result in exact same FFT in Spectral Display
10061	When a recording is loaded as active in advanced Perception, it cannot be deleted later in Instrument Panel (GEN2i)
10077	Changing the grid's vertical divisions messes up Y-t display when zoomed
10079	Review to any other user-mode switch doesn't work
10082	Perception should notify when firmware cannot be upgraded
10089	Sample rates in Acquisition Control Panel not updated when switching decimal/binary
10092	With MultiPro data, Perception 6.14 never releases 1st recording
10101	Universal Amplifier picture for Current Input coupling not correct
10102	Perception freezes on every other trigger
10105	Canned Reports not loading properly and saved incorrectly
10106	GEN2i: Starting by double clicking an advanced saved VWB crash application
10108	Enable/Disable symbol not shown in spreadsheet
10120	Scroll speed set to 10ms/div instead of 1s/div when doing GEN2i factory default settings

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10125   Continuous data rate overview doesn't update when switching sample width

10127   Time counter icon in hardware tree must be changed

10133   Duplicate sheet ignores several components

10146   Perception crashes when closing the application while replay in display is active

10148   Perception can crash when event channels are displayed and subscriptions are canceled

10150   Error in (Re-) Loading Perception Recordings - ABB Sweden report

10151   Power recovery does not reload Display en Meterinfo on Instrument panel

10160   Perception 6.14 firmware upgrader cannot upgrade minimum mode mainframe

10164   Enterprise dongles should also work as enterprise software on 32Bit Perception versions

GEN Series firmware:

9914   GEN2i BIOS: Display voltage should be set to 5V

9993   IRIG Resync causes permanent master time base frequency error when a completely different IRIG signal is connected.

10137   Data storage and network performance degrades tremendously when suspends are occurring and even crashes mainframe

RELEASEnotes

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