

RELEASEnotes

1 Introduction:

These release notes contain:

- Update information
- What is new
- What is improved
- Supported Windows platforms
- Supported Genesis High Speed platforms
- Supported QuantumX modules
- Licensing information

NOTE: Perception 7.3x is the last version supporting Windows™ Vista. Perception 7.40 or higher versions will no longer be installable or run on Windows™ Vista.

2 Version 7.32

2.1 Update information:

These release notes describe changes between Perception (including GEN series firmware) versions

V7.30.18324 and V7.32.18340

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2.2 What is improved:

Mainframe stability improvements	Improved mainframe software stability (in some corner cases, making changes to a formula setup and/or using a CAN dongle caused instabilities)
EtherCAT	The GEN series EtherCAT slave now recovers to operational state after loading configured boot settings.
QuantumX support	Fixed case where QuantumX units sometimes reported a false positive 'no sensor attached'.
Word reporting	In reporting, bookmarks for bitmaps now correctly resize
Print Settings	Printing settings to PDF no longer causes Perception to crash

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2.3 Supported/Tested on latest Windows versions

Including all updates until 30th April 2018:

- Windows 7 Ultimate SP1 (64 and 32 bit)
- Windows 8 Pro (64 and 32 bit)
- Windows 8.1 Pro (64 and 32 bit)
- Windows 10 Pro (64 bit only)

Notes:

Perception is not actively tested on Windows Vista.

Perception 32-bit version can be downloaded from the HBM website

Installation requirements:

- Dot Net Framework V4.6
(distributed with the install CD and available for download on the internet)
- Microsoft Direct3D® capable graphics card.

2.4 Supported/Tested Genesis High Speed platforms:

- GEN2i
- GEN2tB
- GEN3i
- GEN3t
- GEN5i
- GEN7i
- GEN7t
- GEN7tA
- GEN16t
- GEN17tA
- ISOBE5600
- BE3200

Notes:

IM1 modules are no longer supported. Perception 7.30 or higher will notify you if this applies to your hardware.

2.5 Supported/Tested QuantumX Modules:

- MX1609KB
- MX1609TB
- MX471B
- MX809B

Data streaming is available for all other B type or later QuantumX modules.

Note: Perception includes and only works with the following QuantumX software components

QuantumX firmware: V4.12.32.0

HBM common API: V4.0.0.7

Patents no: 7,868,886

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2.6 Perception licenses:

Version	Description	
1-PERC-ST-01-2	Perception Standard	Free
1-PERC-AD-01-2	Perception Advanced	Paid
1-PERC-VA-01-2	Perception Viewer Enterprise	Paid
1-PERC-E64-01-2	Perception Enterprise	Paid

2.6.1 Perception supports the following application extensions:

Version	Description	
1-PERC-OP-EDR	eDrive application (setup, live and efficiency mapping table)	Paid
1-PERC-OP-STL	Advanced High Voltage/High Power analysis according STL standards	Paid
1-PERC-OP-HIA	High Voltage Impulse Analysis	Paid
1-PERC-OP-CSI-2	CSI Runtime extensions (Customized Software Interfaces)	Paid

2.6.2 Perception license upgrade notes

The Perception licensing model was updated since version 7.14 (dec-2017), this may impact your existing license. The table below shows which options are included in which version.

Option	Description	Perception Standard	Perception Advanced	Perception Viewer Enterprise	Perception Enterprise
	Single mainframe control	V	V		V
1-PERC-OP-MMF	Multiple Mainframes				V
	PNRF viewing	V	V	V	V
1-PERC-OP-IF	SOAP & RPC Interface	V	V	V	V
1-PERC-OP-SEQ	Sequencer (BE3200) setup and control	V	V	V	V
1-PERC-OP-AN	Analysis (Formula database)		V	V	V
1-PERC-OP-RP	Reporting & Word Reporting		V	V	V
1-PERC-OP-MEX	Multiple Exports formats		V	V	V
1-PERC-OP-VP	Video Playback		V	V	V
1-PERC-OP-MWB	Multiple Workbooks		V	V	V
1-PERC-OP-IS	Customized Info sheets		V	V	V
1-PERC-OP-BFFT	Basic FFT			V	V
1-PERC-OP-SDB	Sensor Management			V	V

License conversion:

Licenses are automatically updated to ensure existing options are kept:

Existing paid Viewer licenses are automatically upgraded to Viewer Enterprise.

Existing Perception Standard licenses with one or more options are upgraded to Perception Advanced.

Existing Perception Professional licenses with one or more options are upgraded to Perception Enterprise.

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