



Tracking Hub and Studio Manager Release Notes

Version 1.7



Viz Virtual Studio



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Antivirus

Vizrt does not recommend or test antivirus systems in combination with Vizrt products, as the use of such systems can potentially lead to performance losses. The decision for the use of antivirus software and thus the risk of impairments of the system is solely at the customer's own risk.

There are general best-practice solutions, these include setting the antivirus software to not scan the systems during operating hours and that the Vizrt components, as well as drives on which clips and data are stored, are excluded from their scans (as previously stated, these measures cannot be guaranteed).

Technical Support

For technical support and the latest news of upgrades, documentation, and related products, visit the Vizrt web site at www.vizrt.com.

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1 Tracking Hub / Studio Manager 1.7.1

Release Date: 2024-10-03

These are the release notes for Tracking Hub and Studio Manager version 1.7.1. This document describes the user-visible changes that have been made to the software since release 1.7.0.

1.1 Bug Fixes

Key	Summary
VIZVS-3395	Depth of field values were influenced by changing zoom value. This misbehavior was fixed.
VIZVS-3378	Occasional wrong receive timestamps were fixed
VIZVS-3372	Renaming rigs works now again
VIZVS-3363	CYC editor has inverted parameter for control Side One and Side Two.
VIZVS-3343	After disconnecting the serial connection, the tracking delay changed

5 issues

1.2 Improvements

Key	Summary
VIZVS-3400	Improved logging of timestamps
VIZVS-3383	The appearance of the timing analysis tool was improved

2 issues

1.3 Minimum Hardware Configuration

- Minimum 16 GB Ram
- Dual-Core Intel CPU
- 10 GB of free disk space
- OpenGL Hardware-accelerated Graphics Card

1.4 Recommended Hardware Configuration

- 32 GB Ram
 - Quad-Core Intel CPU
 - 30 GB of free disk space
 - NVIDIA P2000 Graphics Card
-

1.5 Supported Drivers And Software

This software has been tested to run on:

- Windows 10 LTSC 64-bit.
- Viz Engine 3.14.5.
- Viz Engine 4.4.1 or later.
- Service Host 2.1.
- Version 5.34 for Plura PCL-PCI and PCL-PCIe (LV, 3G) timecode reader cards (available on the Vizrt FTP in *Vizrt Drivers/Alperman PCL*).
- WIBU Codemeter 7.40. The driver is included in the installation package.

This software has been tested with Viz Arc 1.8.0.

The Lensfile Editor has been tested on the following browsers:

- Chrome
 - Safari
 - Firefox
-

1.6 Certified Tracking Systems

- Shotoku
- Motion Analysis
- NCam
- Egripment (Trackmen)
- StypeKit
- Vinten
- Free-D
- StarTracker
- Vicon tracking system
- XPecto
- Thoma
- BlackCam
- Spidercam FrameB
- Sony BRC X1000/800
- Sony ILME-FR7

- Sony BRC-AM7
 - Panasonic AW-UE 150
 - Panasonic AW-UE 100
 - Canon CR-N500
 - Canon CR-N300
-

1.7 Installation

- Administrator privileges are required to install Tracking Hub/Studio Manager.
- If the license dongle driver reports errors, please uninstall and reinstall the driver manually.

2 Tracking Hub / Studio Manager 1.7.0

Release Date: 2024-01-16

These are the release notes for Tracking Hub and Studio Manager version 1.7.0. This document describes the user-visible changes that have been made to the software since release 1.6.1.

2.1 New Features

Key	Summary
VIZVS-1951	PTZ3 UHD - VS Integration using NDI + embedded FreeD
VIZVS-1932	Implement LeastSquare algorithm for packet filtering
VIZVS-1816	VS1.7.0: NDI Workflow in Tracking Hub

3 issues

2.2 Bug Fixes

Key	Summary
VIZVS-3311	Wrong units for focal plane by trackmen tracking system
VIZVS-3310	NDI+delay changes when sources gets interrupted/reconnected
VIZVS-3307	Implement correct zero termination for router commands
VIZVS-3302	Loading configuration via shortcut failed
VIZVS-3298	Timecode service crashes TrackingHub
VIZVS-1961	TH checks for Sealevel GPI board on PCI Bus
VIZVS-1949	TH crashes when BackupRule is set to "Master"
VIZVS-1916	Camera services are not read correct
VIZVS-1899	Studiomanager crashes when coping a rig
VIZVS-1869	Studio manager crash after loading a configuration
VIZVS-1850	Documentation still contains Hardlock/Sentinel information

Key	Summary
VIZVS-1845	Router Control: Custom Engine commands are only sent to the first engine
VIZVS-1794	Support quotes in router control commands

[13 issues](#)

2.3 Minimum Hardware Configuration

- Minimum 16 GB Ram
 - Dual-Core Intel CPU
 - 10 GB of free disk space
 - OpenGL Hardware-accelerated Graphics Card
-

2.4 Recommended Hardware Configuration

- 32 GB Ram
 - Quad-Core Intel CPU
 - 30 GB of free disk space
 - NVIDIA P2000 Graphics Card
-

2.5 Setup Required For NDI Workflow

- HP Z4 G4 - 6-Core CPU
 - 32 GB Memory
 - 2x Gbit RJ45
 - 256 GB SSD for OS
 - 512 GB SSD for Data
 - NVIDIA RTX A4000 /16 GB GDDR6
-

2.6 Supported Drivers And Software

This software has been tested to run on:

- Windows 10 LTSC 64-bit.
- Viz Engine 3.14.5.
- Viz Engine 4.4.1 or later.
- Service Host 2.1.
- Version 5.34 for Plura PCL-PCI and PCL-PCIe (LV, 3G) timecode reader cards (available on the Vizrt FTP in *Vizrt Drivers/Alperman PCL*).

- Sealevel SeaIO 5.1.3
- WIBU Codemeter 7.60d. The driver is included in the installation package.

This software has been tested with Viz Arc 1.8.0.

The Lensfile Editor has been tested on the following browsers:

- Chrome
 - Safari
 - Firefox
-

2.7 Certified Tracking Systems

- Shotoku
 - Motion Analysis
 - NCam
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 - StarTracker
 - Vicon tracking system
 - XPecto
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 - BlackCam
 - Spidercam FrameB
 - Sony BRC X1000/800
 - Panasonic AW-UE 150
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-

2.8 Installation

- Administrator privileges are required to install Tracking Hub/Studio Manager.
- If the license dongle driver reports errors, please uninstall and reinstall the driver manually.

3 Documentation

Documentation for Tracking Hub and Studio Manager are available at the [Vizrt Documentation Center](#):

- [Tracking Hub](#)

4 Support

Support is available at the [Vizrt Support Portal](#).