Tracking Hub and Studio Manager Release Notes

Version 1.4

Technical Support

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

Created on

2020/10/30

Contents

1 Tracking Hub / Studio Manager 1.4.2

Release Date: 2020-10-30

These are the release notes for Tracking Hub and Studio Manager version 1.4.2. This document describes the user-visible changes that have been made to the software since release 1.4.1.

1.1 Bug Fixes

Summary	Key
TH automatically disconnects itself from Nevion router	VIZVS-1495
POST Tracking Data Playback - incorrect timecode offset	VIZVS-1494
Invalid data received when lens encoders are inverted	VIZVS-1490
Incorrrect behavior when cyc values are changed	VIZVS-1483
Allow using the same router with different configs at the same time	VIZVS-1461
TrackingHub crashes when sending GPI signal from SRC-16 button box	VIZVS-1431
Cyclotron Editor is missing Masks	VIZVS-1394
Vertical offset between crane arm and head	VIZVS-1267

8 issues

1.2 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

1.3   Supported Drivers And Software

This software has been tested to run on:

- · Windows 10 64-bit.
- · Viz Engine 3.7.2 or later.
- · Viz Engine 4.0.0 or later.
- · 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*).
- · SafeNet Inc. Hardlock Key driver Version 8.11.42480. The driver is included in the installation package.
- · WIBU Codemeter 7.10.A The driver is included in the installation package.

This software has been tested with Viz Arc 1.2.

The Lensfile Editor has been tested on the following browsers:

- · Chrome
- · Safari
- · Firefox

2   Tracking Hub / Studio Manager 1.4.1

Release Date: 2020-04-21

These are the release notes for Tracking Hub and Studio Manager version 1.4.1. This document describes the user-visible changes that have been made to the software since release 1.4.0.

2.1   New Features

The Cyc Editor is now able to send data directly to shared memory of Viz Engine. This improves workflow and usability (VIZVS-1450).

2.2   Bug Fixes

Summary	Key
Tracking Hub Crashes after trying to change scaling for lensfile	VIZVS-1447
Fixes invalid command for lens ranges	VIZVS-1446

2 issues

3 Tracking Hub / Studio Manager 1.4.0

Release Date: 2020-03-03

These are the release notes for Tracking Hub and Studio Manager version 1.4.0. This document describes the user-visible changes that have been made to the software since release 1.3.1.

3.1 Minimum Hardware Configuration

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

3.2 Recommended Hardware Configuration

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

3.3 Supported Drivers And Software

This software has been tested to run on:

- Windows 7 64-bit.
- Windows 10 64-bit.
- Viz Engine 3.7.2 or later.
- Viz Engine 4.0.0 or later.
- 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*).
- SafeNet Inc. Hardlock Key driver Version 7.41. The driver is included in the installation package.
- WIBU Codemeter 6.60a. The driver is included in the installation package.

This software has been tested with Viz Arc 1.2.

> ⬣ **Attention:** Virtual Studio 1.4.0 is the last version of Tracking Hub and Studio Manager supporting Windows 7.

The Lensfile Editor has been tested on the following browsers:

- Chrome
- Safari

- Firefox

3.4 Lensfiles

This version of tracking hub introduces a new XML-based lensfile format. On start, Tracking Hub converts old lens files to the new lens file format. The old files are moved to *C: \ProgramData\vizrt\VizTH\Lensfiles\old_lcb* folder.

3.5 Certified Tracking Systems

- Shotoku
- Motion Analysis
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- Vinten
- Free-D
- StarTracker
- Vicon tracking system
- XPecto
- Thoma
- BlackCam
- Spidercam FrameB

3.6 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.

3.7 Known Issues

- Studiomanager and Lensfile Editor require a valid OpenGL/WebGL context. If no OpenGL/ WebGL context can be acquired, certain tools are not available.
- Visual representation of multiple camera usage for Motion Analysis during lens range calibration.
- Localhost should be allowed always as an option for network connection.

3.8 New Key Features

Summary	Key
Hosting of web applications in Tracking Hub through HTTP	VIZVS-1289
New XML based lens file data format	VIZVS-1285
Ability that Tracking Hub can serve more than one user interface at a time	VIZVS-1153
Browser based lens file editor with Web-UI	VIZVS-1130

4 issues

3.9   New Features

Summary	Key
Automatic synchronization of configuration for main/backup scenarios	VIZVS-1390
Support for ConTech COM-2C-PE	VIZVS-1221

2 issues

3.10   Bug Fixes

Summary	Key
Dual Channel mode internmittent bad switching	VIZVS-1430
Studio Manager terminates unexpectedly in combination with MoSys	VIZVS-1376
Studio Manager shows previously opened Cyc when changing profiles	VIZVS-1357
TrackingHub loses connection to Nevion router	VIZVS-1270

4 issues

4   Documentation

Documentation for Tracking Hub and Studio Manager are available at the Vizrt Documentation Center:

- Tracking Hub User Guide

5   Support

Support is available at the Vizrt Support Portal.