



# Tracking Hub and Studio Manager Release Notes

Version 1.4



Tracking Hub





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### **Created on**

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# 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.

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## 1.1 Bug Fixes

Summary	Key
TH automatically disconnects itself from Nevia router	VIZVS-1495
POST Tracking Data Playback - incorrect timecode offset	VIZVS-1494
Invalid data received when lens encoders are inverted	VIZVS-1490
Incorrect 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

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## 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

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## 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.

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### 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).

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### 2.2 Bug Fixes

Summary	Key
<a href="#">Tracking Hub Crashes after trying to change scaling for lensfile</a>	VIZVS-1447
<a href="#">Fixes invalid command for lens ranges</a>	VIZVS-1446

[2 issues](#)

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## 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.

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### 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.

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## 3.5 Certified Tracking Systems

- Shotoku
  - Motion Analysis
  - NCam
  - Egripment (Trackmen)
  - StypeKit
  - 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.
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## 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	

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## 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	

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## 3.10 Bug Fixes

Summary	Key
Dual Channel mode intermittent 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	

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## 4 Documentation

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

- [Tracking Hub User Guide](#)

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## 5 Support

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