



Tracking Hub and Studio Manager Release Notes

Version 1.5



Viz Virtual Studio



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1 Tracking Hub / Studio Manager 1.5.1

Release Date: 2022-03-31

These are the release notes for Tracking Hub and Studio Manager version 1.5.1. This document describes the user-visible changes that have been made to the software since release 1.5.0.

1.1 New Features

Summary	Key
Timing of switching camera commands is improved	VIZVS-1704
Line drawing for multi camera service was improved	VIZVS-1691
A new Kuper crane template was added	VIZVS-1677
The tick count settings are extended by a unit value	VIZVS-1675
The tick count calculation changed to float	VIZVS-1674
Kuper protocol can now assemble fragmented serial packets	VIZVS-1672
6 issues	

1.2 Bug Fixes

Summary	Key
Backup tracking hub crashes when pressing Synchronize on the Master Tracking Hub	VIZVS-1729
A Studio Manager crash during opening the outdated Cyc editor was solved	VIZVS-1718
Studio Manager crashed when no post data was loaded	VIZVS-1711
Studio Manager crash when receiving external commands is fixed	VIZVS-1706
Corrected Camera and Video commands in A/B mode	VIZVS-1705
Multiobject was extended for correct ID handling	VIZVS-1693
The ground floor of the Two Corner Cyc was not saved to config file	VIZVS-1686
In rare situations the Tracking Hub was locked during closing	VIZVS-1640
8 issues	

1.3 Minimum Hardware Configuration

- Minimum 16 GB Ram
 - Dual-Core Intel CPU
 - 10 GB 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 2.0.
- 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 7.10. The driver is included in the installation package.

This software has been tested with Viz Arc 1.4.1.

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
 - Panasonic AW-UE 150
 - Panasonic AW-UE 100
-

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 1.5.0

Release Date: 2021-08-27

These are the release notes for Tracking Hub and Studio Manager version 1.5.0. This document describes the user-visible changes that have been made to the software since release 1.4.2.

2.1 New Features

Summary	Key
Tracking Hub to support 24, 25, 30 and 29.97 Hz frequencies	VIZVS-1595
Add support for skycam and cablecam protocols	VIZVS-1591
Loading configuration with post parameters has been improved	VIZVS-1580
Add support for GeoPro protocol	VIZVS-1576
Add support for replaying recorded sessions	VIZVS-1500
Usability of the lens file editor has been improved	VIZVS-1496
Support for TrackMen motion capture protocol added	VIZVS-1485
The Tracking Hub can now send arbitrary commands during switching. This can be used for chroma key switching.	VIZVS-1471
Added support for EagleEye protocol	VIZVS-1454
The camera service can now send any amount of rigs to one engine	VIZVS-1171
Add support for hd-skycam /heli tracking protocol	VIZVS-1137
Position data of a rig structure can now be displayed per rig	VIZVS-1052
A new tool for inspecting recorded post data has been added	VIZVS-976
Network time code from the engine is now implemented	VIZVS-938
The Studio Manager now supports auto login	VIZVS-626

15 issues

2.2 Bug Fixes

Summary	Key
Trackmen distortion misses chipsize-Y property	VIZVS-1654
Backwall CYC sends incorrect string	VIZVS-1641
TH/Studio Manager crashes when loading modified/corrupt configuration files	VIZVS-1617
Unstable timing issue with A/V board	VIZVS-1536
TH automatically disconnects itself from Nevision router	VIZVS-1495
POST Tracking Data Playback - incorrect timecode offset	VIZVS-1494
Incorrect Tracking Data in Main/Backup environment	VIZVS-1482
Cyclotron Editor is missing Masks	VIZVS-1394

8 issues

2.3 Upcoming Changes

Tracking Hub 1.5.0 is the last version with support for Sentinel Dongles. Newer versions will support WIBU licensing only.

2.4 Minimum Hardware Configuration

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

2.5 Recommended Hardware Configuration

- 32 GB Ram
- Quad-Core Intel CPU
- 30 GB of free disk space

- NVidia P2000 Graphics Card
-

2.6 Supported Drivers And Software

This software has been tested to run on:

- Windows 10 LTSC 64-bit.
- Viz Engine 3.7.2 or later.
- Viz Engine 4.3.0 or later.
- Service Host 2.0.
- 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*).
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2.7 Certified Tracking Systems

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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](#).