



# Tracking Hub and Studio Manager Release Notes

Version 1.6



# Viz Virtual Studio



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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](http://www.vizrt.com).

### **Created on**

2022/12/15

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# 1 Tracking Hub / Studio Manager 1.6.1

**Release Date:** 2022-12-15

These are the release notes for Tracking Hub and Studio Manager version 1.6.1. This document describes the user-visible changes that have been made to the software since release 1.6.0.

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## 1.1 Fixed Issues

Summary	Key
Object tracking was broken. The string sent to the engine was missing the end-line character.	VIZVS-1839
A problem with loading configurations with more than one XML tracker was resolved by improving the configuration parser.	VIZVS-1822
In rare cases the Tracking Hub was not able to read a 1.5.1 configuration. This was solved by improving the XML configuration parser.	VIZVS-1818

3 issues

## 2 Tracking Hub / Studio Manager 1.6.0

**Release Date:** 2022-09-29

These are the release notes for Tracking Hub and Studio Manager version 1.6.0. This document describes the user-visible changes that have been made to the software since release 1.5.1.

### 2.1 New Features

Summary	Key
NDI: TrackingHub uses the latest NDI SDK 5.1	VIZVS-1791
Sending of tracking data to the engine was designed more thread save	VIZVS-1770
Removed unnecessary option for sleep mode in Studio Manager	VIZVS-1762
The delay can now be set for MoCap data	VIZVS-1755
MoCap TrackMen: Invisible persons can now switched off in the renderer	VIZVS-1754
The maximum delay time can now be set in the configuration	VIZVS-1753
The configuration can now be specified in the command line	VIZVS-1740
Tracking Hub command for distributing CYC to engines	VIZVS-1702
NDI: A new service for inserting tracking data into a NDI stream was created	VIZVS-1680
Binary Kuper protocol	VIZVS-1667
Using a PTP service the Tracking Hub can now measure travel time of UDP packets.	VIZVS-1666
Logging changed to the more performant logging backend	VIZVS-1665
The time interpolation of all parameters can now be switched off	VIZVS-1664
The colors of the post and live timecode indicators were adjusted	VIZVS-1651

Summary	Key
Use browser parameters for connection info of the Lens File Editor	VIZVS-1625
Libero: Timecode based tracking data	VIZVS-1465

16 issues

## 2.2 Fixed Issues

Summary	Key
One corner cyc orientation was ignored	VIZVS-1806
Bundle installer fails to detect already installed Microsoft Visual C++ 2010 redistributable	VIZVS-1796
Bad tracking via RS-232 Contec card - timeout needs to be configureable	VIZVS-1758
Replay delay of Parameters can be set in fractions of fields	VIZVS-1757
Mask not set after restart of Studio Manager	VIZVS-1752
Studio Manager does not update values after a few switches between studio files	VIZVS-1748
Only one line for camera services was drawn in Studio Manager	VIZVS-1681
Studio Manager shows "Status unknown"	VIZVS-1676
In rare cases the communication port parsing failed	VIZVS-1663

Summary	Key
The back wall in 2 corner cyclotrons was not set correct	VIZVS-1594

10 issues

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## 2.3 Minimum Hardware Configuration

- Minimum 16 GB Ram
  - Dual-Core Intel CPU
  - 10 GB 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 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 1.4.1.

The Lensfile Editor has been tested on the following browsers:

- Chrome
- Safari
- Firefox



## 2.6 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

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## 2.7 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.

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## 3 Documentation

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

- [Tracking Hub](#)

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## 4 Support

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