



# Tracking Hub and Studio Manager Release Notes

Version 1.7



# Viz Virtual Studio



**Copyright** ©2024 Vizrt. All rights reserved.

No part of this software, documentation or publication may be reproduced, transcribed, stored in a retrieval system, translated into any language, computer language, or transmitted in any form or by any means, electronically, mechanically, magnetically, optically, chemically, photocopied, manually, or otherwise, without prior written permission from Vizrt.

Vizrt specifically retains title to all Vizrt software. This software is supplied under a license agreement and may only be installed, used or copied in accordance to that agreement.

### **Disclaimer**

Vizrt provides this publication “as is” without warranty of any kind, either expressed or implied. This publication may contain technical inaccuracies or typographical errors. While every precaution has been taken in the preparation of this document to ensure that it contains accurate and up-to-date information, the publisher and author assume no responsibility for errors or omissions. Nor is any liability assumed for damages resulting from the use of the information contained in this document. Vizrt’s policy is one of continual development, so the content of this document is periodically subject to be modified without notice. These changes will be incorporated in new editions of the publication. Vizrt may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time.

Vizrt may have patents or pending patent applications covering subject matters in this document. The furnishing of this document does not give you any license to these patents.

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

### **Created on**

2024/01/16

# Contents

1	Tracking Hub / Studio Manager 1.7.0 .....	5
1.1	New Features .....	5
1.2	Bug Fixes .....	5
1.3	Minimum Hardware Configuration .....	6
1.4	Recommended Hardware Configuration .....	6
1.5	Setup Required for NDI Workflow .....	6
1.6	Supported Drivers and Software .....	7
1.7	Certified Tracking Systems .....	7
1.8	Installation.....	7
2	Documentation .....	9
3	Support .....	10

- [Tracking Hub / Studio Manager 1.7.0](#)
  - [New Features](#)
  - [Bug Fixes](#)
  - [Minimum Hardware Configuration](#)
  - [Recommended Hardware Configuration](#)
  - [Setup Required for NDI Workflow](#)
  - [Supported Drivers and Software](#)
  - [Certified Tracking Systems](#)
  - [Installation](#)
- [Documentation](#)
- [Support](#)

---

# 1 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.

---

## 1.1 New Features

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

3 issues

---

## 1.2 Bug Fixes

Summary	Key
Wrong units for focal plane by trackmen tracking system	VIZVS-3311
NDI+delay changes when sources gets interrupted/reconnected	VIZVS-3310
Implement correct zero termination for router commands	VIZVS-3307
Loading configuration via shortcut failed	VIZVS-3302
Timecode service crashes TrackingHub	VIZVS-3298
TH checks for Sealevel GPI board on PCI Bus	VIZVS-1961
TH crashes when BackupRule is set to "Master"	VIZVS-1949
Camera services are not read correct	VIZVS-1916

Summary	Key
<a href="#">Studiomanager crashes when coping a rig</a>	VIZVS-1899
<a href="#">Studio manager crash after loading a configuration</a>	VIZVS-1869
<a href="#">Documentation still contains Hardlock/Sentinel information</a>	VIZVS-1850
<a href="#">Router Control: Custom Engine commands are only sent to the first engine</a>	VIZVS-1845
<a href="#">Support quotes in router control commands</a>	VIZVS-1794

[13 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 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

## 1.6 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 SealIO 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
- 

## 1.7 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
- 

## 1.8 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.



---

## 2 Documentation

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

- [Tracking Hub](#)

---

## 3 Support

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