



Tracking Hub and Studio Manager Release Notes

Version 1.8



Viz Virtual Studio



Copyright ©2026 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 Considerations

Vizrt advises customers to use an AV solution that allows for custom exclusions and granular performance tuning to prevent unnecessary interference with our products. If interference is encountered:

- **Real-Time Scanning:** Keep it enabled, but exclude any performance-sensitive operations involving Vizrt-specific folders, files, and processes. For example:
 - C:\Program Files\[Product Name]
 - C:\ProgramData\[Product Name]
 - Any custom directory where [Product Name] stores data, and any specific process related to [Product Name].
- **Risk Acknowledgment:** Excluding certain folders/processes may improve performance, but also create an attack vector.
- **Scan Scheduling:** Run full system scans during off-peak hours.
- **False Positives:** If behavior-based detection flags a false positive, mark that executable as a trusted application.

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

2026/04/21

Contents

1	Tracking Hub / Studio Manager 1.8.1	5
1.1	New Features / Improvements.....	5
1.2	Bug Fixes	5
1.3	Minimum Hardware Configuration.....	5
1.4	Recommended Hardware Configuration	6
1.5	Setup Required for NDI Workflow	6
1.6	Supported Drivers and Software	6
1.7	Certified Tracking Systems	7
1.8	Known Issues	7
1.8.1	NDI.....	7
1.9	Installation.....	7
2	Tracking Hub / Studio Manager 1.8.0	9
2.1	New Features	9
2.2	Minimum Hardware Configuration.....	9
2.3	Recommended Hardware Configuration	9
2.4	Setup Required for NDI Workflow	10
2.5	Supported Drivers and Software	10
2.6	Certified Tracking Systems	10
2.7	Known Issues	11
2.7.1	NDI.....	11
2.8	Installation.....	11
3	Documentation	12
4	Support	13

- Tracking Hub / Studio Manager 1.8.1
 - New Features / Improvements
 - Bug Fixes
 - Minimum Hardware Configuration
 - Recommended Hardware Configuration
 - Setup Required for NDI Workflow
 - Supported Drivers and Software
 - Certified Tracking Systems
 - Known Issues
 - NDI
 - Installation
- Tracking Hub / Studio Manager 1.8.0
 - New Features
 - Minimum Hardware Configuration
 - Recommended Hardware Configuration
 - Setup Required for NDI Workflow
 - Supported Drivers and Software
 - Certified Tracking Systems
 - Known Issues
 - NDI
 - Installation
- Documentation
- Support

1 Tracking Hub / Studio Manager 1.8.1

Release Date: 2026-04-20

These are the release notes for Tracking Hub and Studio Manager version 1.8.1. This document describes the user-visible changes that have been made to the software since release 1.8.0.

1.1 New Features / Improvements

Key	Summary
VIZVS-3815	Modifier Tool for new Lens files
VIZVS-3804	Launch Target Detection in "previous" mode
VIZVS-3771	Distortion Cutoff for K1 and K2 are editable
VIZVS-3770	Add the "Synchronize" button to the toolbar (Merge to 1.8.1)
VIZVS-3769	Adjust SonyD0 to work with OCELLUS tracking
VIZVS-3765	Disable "fixed camera mount" by default (merge to 1.8.1)

6 issues

1.2 Bug Fixes

Key	Summary
VIZVS-3816	TrackingHub crashes during startup without dump file
VIZVS-3808	XML Tracker uses wrong TickCounts due to wrong Index alignment
VIZVS-3757	Legacy lens files leads to corrupted output in 1.8
VIZVS-3750	Tracking Hub Console flooded with Errors

4 issues

1.3 Minimum Hardware Configuration

- Minimum 16 GB Ram

- Dual-Core Intel CPU
- 10 GB of free disk space
- NVIDIA P2000 Graphics Card
- OpenGL Hardware-accelerated Graphics Card



Info: Minimal Hardware Configuration provides sufficient resources for running a Tracking Hub configuration.

The new automated lens file calibration introduced with this version requires additional GPU processing power. To benefit from this feature, use the Recommended Hardware Configuration.

1.4 Recommended Hardware Configuration

- HP Z4 G4 - 12-Core CPU
- 64 GB Ram
- 2x Gbit RJ45
- 30 GB of free disk space
- NVIDIA RTX 4000 Ada

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 11 LTSC 64-bit.
- Windows 10 LTSC 64-bit.
- Viz Engine 5.0 or later.
- Service Host 2.1.
- Version 5.46 for Plura PCL-PCI and PCL-PCIe (LV, 3G) timecode reader cards (available on the Vizrt FTP in *Vizrt Drivers/Alperman PCL*).
- Sealevel SeaIO 5.1.3
- WIBU Codemeter 8.30a. The driver is included in the installation package.
- AI Core v2.2

This software has been tested with Viz Arc 2.1.1 or higher.

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
 - Sony ILME-FR7
 - Sony BRC-AM7
 - Sony OCELLUS
 - Panasonic AW-UE 150
 - Panasonic AW-UE 100
 - Vizrt PTZ3 UHD+
 - Vizrt PTZ3 HD
 - Canon CR-N500
 - Canon CR-N300
-

1.8 Known Issues


 **Note:** Viz Virtual Studio 1.8.1 comes with AI Core 2.2. In case other AI components like Reality Connect or Viz AI Keyer are installed, make sure they run on the latest version.

1.8.1 NDI


- Security Updates **Windows 11 – KB5063878** and **Windows 10 – KB5063709** can lead to [traffic drops](#) in NDI output.
-

1.9 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.

 **Note:** Issues have been reported with failing redistributable updates on Windows 10. This can lead to Tracking Hub not starting properly. In case this happens:

- Ensure there is no Microsoft update in queue or in progress (if you are not sure, reboot Windows).
- Manually uninstall any MS Visual C++ 2015-2022 Redistributables (both x86 and x64) and restart.
- Manually install the [MS Visual C++ V14 Redistributable](#) (both x86 and x64) and restart.
- Install *VizVirtualStudioBundle-x64-1.8.1*.

 **Note:** Issues have been reported with failing redistributable updates on Windows 10 and Windows 11 related to Microsoft Visual C++ v14 Redistributable 14.50.35719. The Bundle installer will print an error after installation if this redistributable is already installed on the PC. Options to prevent this error:

- Uncheck redist option in bundle if it is already installed.
- Uninstall Microsoft Visual C++ v14 Redistributable 14.50.35719 before starting the bundle installer.

2 Tracking Hub / Studio Manager 1.8.0

Release Date: 2025-09-11

These are the release notes for Tracking Hub and Studio Manager version 1.8.0. This document describes the user-visible changes that have been made to the software since release 1.7.1.

2.1 New Features

Key	Summary
VIZVS-3654	Local trackinghub not visible in login window when using loopback setup
VIZVS-3571	TH crashes on VSGO Engine
VIZVS-3570	TH sends wrong answer to Studio Manager when saving lens limits - crash
VIZVS-3558	Lens and Rig selection crash if the dialog is closed without an selection
VIZVS-3479	Th crash during config change
VIZVS-3439	Data Flow Inspector doesn't update RAW data POS X.
VIZVS-3392	Backup Synchronisation runs into timeout with advanced configurations
VIZVS-3355	Arm rig in TH reacts to input angles in opposite direction to the Camera Rig

8 issues

2.2 Minimum Hardware Configuration

- Minimum 16 GB Ram
- Dual-Core Intel CPU
- 10 GB of free disk space
- NVIDIA P2000 Graphics Card
- OpenGL Hardware-accelerated Graphics Card

Info: [Minimal Hardware Configuration](#) provides sufficient resources for running a Tracking Hub configuration. The new automated lens file calibration introduced with this version requires additional GPU processing power. To benefit from this feature, use the [Recommended Hardware Configuration](#).

2.3 Recommended Hardware Configuration

- HP Z4 G4 - 12-Core CPU

- 64 GB Ram
 - 2x Gbit RJ45
 - 30 GB of free disk space
 - NVIDIA RTX 4000 Ada
-

2.4 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
-

2.5 Supported Drivers and Software

This software has been tested to run on:

- Windows 11 LTSC 64-bit.
- Windows 10 LTSC 64-bit.
- Viz Engine 5.0 or later.
- Service Host 2.1.
- Version 5.46 for Plura PCL-PCI and PCL-PCIe (LV, 3G) timecode reader cards (available on the Vizrt FTP in *Vizrt Drivers/Alperman PCL*).
- Sealevel SeaIO 5.1.3
- WIBU Codemeter 8.30a. The driver is included in the installation package.

This software has been tested with Viz Arc 2.1.1 or higher.

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
 - Sony ILME-FR7
 - Sony BRC-AM7
 - Panasonic AW-UE 150
 - Panasonic AW-UE 100
 - Vizrt PTZ3 UHD+
 - Vizrt PTZ3 HD
 - Canon CR-N500
 - Canon CR-N300
-

2.7 Known Issues

2.7.1 NDI

- Security Updates **Windows 11 – KB5063878** and **Windows 10 – KB5063709** can lead to [traffic drops](#) in NDI output.
-

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](#).