Tracking Hub and Studio Manager Release Notes

Version 1.8

Viz Virtual Studio

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Contents

1 Tracking Hub / Studio Manager 1.8.0 4
1.1 New Features 4
1.2 Bug Fixes 4
1.3 Minimum Hardware Configuration 5
1.4 Recommended Hardware Configuration 5
1.5 Setup Required for NDI Workflow 5
1.6 Supported Drivers and Software 6
1.7 Certified Tracking Systems 6
1.8 Known Issues 7
1.8.1 NDI 7
1.9 Installation 7
2 Documentation 7
3 Support 7

1 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.

1.1 New Features

Key	Summary
VIZVS-3566	Render targets in 3D preview
VIZVS-3529	New Studio Config option and Restart TH Option
VIZVS-3520	Lens Calibration Wizard
VIZVS-3507	Export post data to XML / CSV
VIZVS-3503	BG image for Top view
VIZVS-3502	FreeD with Iris Support - SonyD0
VIZVS-3487	Add the VIPS/Airpixel to TH
VIZVS-3477	Upgrade to License Version 5.1
VIZVS-3466	Target detection using new lens file calibration
VIZVS-3426	Support V3 Wibu licenses
VIZVS-3371	V3 License Support
VIZVS-1874	Automated lens calibration - STAGE 1
VIZVS-1523	Skyxcam HD Protocol (Cablecam) Support

13 issues

1.2 Bug Fixes

Key	Summary
VIZVS-3654	Local trackinghub not visible in login window when using loopback setup

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Key	Summary
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

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

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- 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.

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
- Panasonic AW-UE 150
- Panasonic AW-UE 100
- Vizrt PTZ3 UHD+
- Vizrt PTZ3 HD
- Canon CR-N500

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- Canon CR-N300

1.8 Known Issues

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.

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.

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