



Service Host Release Notes

Version 2.1



Service Host



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1 Service Host 2.0

Release Date: 2021-07-01

These are the release notes for Service Host version 2.0.0. 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
Channel Recorder Loop Recording Support for Sports Products	SH-453
Channel Recorder Loop Recording for Ingest	SH-87

[2 issues](#)


1.2 Known Issues

- Configuration page needs to fetch the license information. This results in a wait time until the configuration pages for plug-ins show up.
 - Service Host is not forward compatible. Configurations created with a newer version will not work on older versions.
 - Service Host is not able to start Viz Engine if DCH type of nVidia driver is installed. Try to configure Service Host to start Viz Engine on User Session or **clean** install "Standard" type of Nvidia driver instead.
 - Service Host is not able to start Viz Engine when it is configured to start Viz Engine on User Session when no users are interactively logged on.
 - For WebRTC plug-in, the nVidia Standard Driver is mandatory. DCH drivers are known to be incompatible.
 - WebRTC doesn't work on Viz Engines with enabled video boards. For preview capabilities, consider using NDI instead.
 - Special characters not supported when trying to rename services while using Firefox.
-

1.3 Supported Hardware And Software

This software has been tested to run on the following systems:

- Windows Server 2016 (64-bit), Windows Server 2019 (64-bit).
- Windows 10 (64-bit).

 **Note:** Only English Operating System(s) are supported.

1.4 Installation

- Administrator privileges are required to install Service Host.
 - OpenSLP is installed along with Service Host if not present.
 - The WIBU Codemeter runtime 7.21a is installed if not already present.
-

1.5 Activation

Service Host does not require any license; however, it installs the WIBU Codemeter runtime. Several Service Host plug-ins like Channel Recorder or WebRTC preview do require licenses.

2 Channel Recorder With Service Host 2.0.0

2.1 Driver Versions

- For Matrox video cards, driver version 10.2.100.26040 is required. This version is mandatory. Pre-Release versions are not supported.
 - Uninstall previous versions of Matrox DSX.Utils/DSX Topology Utils prior to installing this driver.
 - Install drivers only from a local drive.
 - Reboot between uninstall and install of drivers, and another time after the installation has finished.
 - The VfW codecs are included in this driver, so uninstall previous versions of the Matrox VfW codecs and do not install any Matrox VfW codecs over the regular driver installation.
-

2.2 Upgrade Notes

- Old version of Channel Recorder (1.x) should be uninstalled before installing this version.
 - The Server Search list may be reset when upgrading Codemeter Runtime. Please make sure that the Server Search list is correct after an upgrade.
-

2.3 Bug Fixes

Summary	Key
Setting Bitrate to high value crashes Channel Recorder	SH-450
Invalid duration in VizCapture when timecode passes 12am	SH-440
Ingest lose connection to Channel Recorder - Improve stability in high DPC environment	SH-301
3 issues	

2.4 New Features

Summary	Key
Retrieve single config parameters with GET	SH-438
Channel recorder service start time improvement	SH-437

Channel Recorder: Black and repeated frames detection	SH-418
Channel Recorder: Use folder size as house keeping just like disksize	SH-352
Ability to protect chunks of ongoing loop recordings	SH-350
Channel Recorder: Support for buffer based implementation for RTP / UDP / RTSP streams	SH-290
Channel Recorder: More robustness against timeout in write completion	SH-288
Channel Recorder: Support for better loop recording naming	SH-260
Channel Recorder: Support for scheduling loop recording	SH-259
ClipOutChannel: Allow writing of current timecode	SH-204
Channel Recorder: Improvement to input H264 implementation	SH-192
Channel Recorder: Enable true Crash Recorder	SH-148
Channel Recorder: Recording RTP / H.264 using DSX.Core / M264 (Part 2)	SH-98

13 issues

2.5 Known Issues

- An invalid decimal value in the GUI configuration is allowed to be saved in the XML configuration file.

3 WebRTC Preview With Service Host 2.0.0

3.1 Driver Versions

- Nvidia driver 462.31 Standard is recommended.
-

3.2 Known Issues

- Nvidia Standard Driver is mandatory. DCH drivers are known to be incompatible.
 - WebRTC is not supported on Systems with Matrox boards.
 - Only progressive formats are supported.
 - HDR output is not supported by WebRTC Preview.
 - Audio is not supported by WebRTC preview.
-

3.3 Supported Hardware And Software

WebRTC has been tested on the following platforms:

- Windows 10 (64-bit).
- Windows Server 2019, Windows Server 2016.

A Nvidia GPU supporting nvEnc is required.

4 Documentation

Documentation for Service Host, Channel Recorder, and WebRTC are available in the Service Host documentation at the [Vizrt Documentation Center](#).

5 Support

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