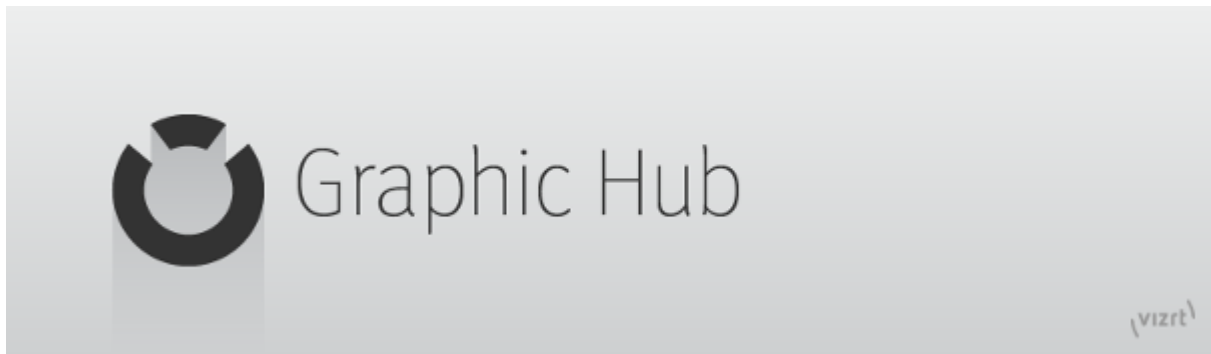




# Graphic Hub Release Notes

Version 3.8





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### **Antivirus**

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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**

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### **Created on**

2023/02/06

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# 1 Graphic Hub 3.8.0 Release Notes

**Release Date:** 2023-02-06

These are the release notes for Graphic Hub version 3.8.0 and its components. This section describes the user-visible changes that have been made to the software since release 3.7.1. Since Graphic Hub and the set of components around it are all maintained and released together, this release includes:

- Graphic Hub 3.8.0 with Graphic Hub Terminal 3.8.0 (*VizGraphicHub-x64-3.8.0.60000.msi*, *VizGraphicHubBundle-x64-3.8.0.60000.exe*)
  - Graphic Hub REST 2.8.0 (*VizGHREST-x64-2.8.0.60000.msi*)
  - Graphic Hub Deploy Agent 2.8.0 (*VizGHDeployAgent-x64-2.8.0.60000.msi*)
  - Graphic Hub Manager 5.8.0 (*VizGHManager-x64-5.8.0.60000.msi*)
  - Graphic Hub ImEx Agent 2.0.0 (*VizGHImexAgent-x64-2.0.0.60000.msi*)
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## 1.1 New Features

### 1.1.1 Graphic Hub Image Library Extension

The Image Library Extension offers the following functionality related to still images with browser based UIs:

- Ingesting of images.
- Metadata editing and assignment on/to images.
- Searching for images including the assigned metadata.
- Import of existing Viz Object Store images and metadata.

It requires Graphic Hub ImEx Agent 2.0.0, Graphic Hub REST 3.8.0 and Graphic Hub 3.8.0. See *Graphic Hub Administrator Guide > Image Library Extension* for details.

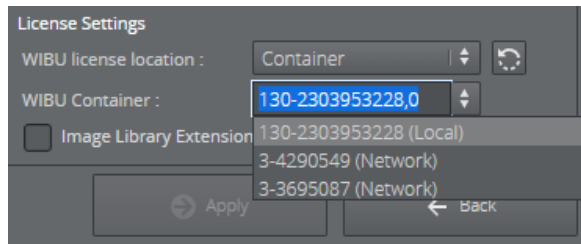
### 1.1.2 Graphic Hub 3.8.0

- Image Library Extension back-end capabilities exposed by the Graphic Hub ImEx Agent for modes Multiuser, Main and Replication.
  - Option to allocate a Graphic Hub Image Library Extension license to enable this feature.
- Ability to use a dedicated WIBU container to allocate licenses for modes Multiuser, Main and Replication (VIZGH-7505).

### 1.1.3 Graphic Hub Terminal 3.8.0

- New WIBU licensing configuration options in the Graphic Hub mode configuration for modes Multiuser, Main and Replication (VIZGH-7505).
  - Possibility to configure a dedicated container used to allocate licenses.

- Option to allocate a Graphic Hub Image Library Extension license to enable this feature.



### 1.1.4 Graphic Hub ImEx Agent 2.0.0

- Image Library Extension functionality.

## 1.2 Changes To Existing Features

Improvements/changes to existing features and changed behavior compared with previous versions.

## 1.3 Upcoming Breaking Changes Or Deprecated Functionality

None.

## 1.4 Resolved Issues

Issues of previous versions that this version solves.

### 1.4.1 General

- Important:** Fixed an issue affecting all clients that could render the Graphic Hub connection unresponsive and required a restart of the client application (VIZGH-7792). It is highly recommended to upgrade all Graphic Hub applications to the latest versions.

### 1.4.2 Graphic Hub 3.8.0

- Important:** Fixed a possible unexpected termination when running in mode Main or Replication with an unstable network (VIZGH-7631).
- Important:** Fixed a possible unexpected termination where a file handle was released, although it was still in use (VIZGH-7793).
- Fixed a permission issue where other users were able to create files in a project or folder where the write permissions were restricted to user rights only (VIZGH-7620). Now only the

owner and members of the Administrator group can create files in a folder where the write permissions are only set to user rights.

### 1.4.3 Graphic Hub Terminal 3.8.0

- **Important:** Fixed an issue where cleanup tasks may not trigger when the Graphic Hub is bound to a specific network adapter (IP) on hosts with multiple IPs (VIZGH-7735).
- Fixed an issue where Graphic Hub Terminal required certain registry keys to send e-mails through SMTP with SSL enabled and restricted to only accept TLSv1.2 and/or TLSv1.3 (VIZGH-7529).

### 1.4.4 Graphic Hub REST 2.8.0

- **Important:** Fixed an issue where Graphic Hub REST may get unresponsive and requires a restart when Pilot operations generate a large amount of changes and update messages that are distributed to the clients (VIZGH-7631).

### 1.4.5 Graphic Hub Manager 5.8.0

- Fixed a display issue in the license details dialog with WIBU licenses (VIZGH-7590).

### 1.4.6 Graphic Hub ImEx Agent 2.0.0

- Fixed an issue where Graphic Hub ImEx Agent required certain registry keys set to connect to GH REST with SSL enabled and restricted to only accept TLSv1.2 and/or TLSv1.3 (VIZGH-7572).

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## 1.5 Known Limitations

Please refer to **Known Limitations, Problems and Workarounds** and **Frequently Asked Questions** the [Graphic Hub Administrator Guide](#) for a collection of topics. In the same section of the documentation a summary of troubleshooting topics can be found too.

This software requires a license for certain modes in order to operate. See **Licensing the Graphic Hub** in the [Graphic Hub Administrator Guide](#) for details.

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## 1.6 Installation/Upgrade Special Considerations

The MSI installers require that you should close any running Graphic Hub programs and uninstall existing installations before you upgrade.

Prior to installation the following prerequisites are required for all Graphic Hub applications:


- Microsoft .NET Framework 4.8.0 (or newer): <https://www.microsoft.com/net/download/framework>

- Visual Studio 2010 x64 redistributable (installed by the Graphic Hub bundle installer)
- Visual Studio 2015-2022 x64 redistributable (installed by the Graphic Hub bundle installer)

### 1.6.1 Hardware and Software Compatibility

For details on hardware, operating systems and browser requirements please refer to the **System Requirements** in the [Graphic Hub Administrator Guide](#).

For details on compatibility when the Graphic Hub is used as a Viz Pilot data back end, see **Viz Pilot Database Management** in the [Graphic Hub Administrator Guide](#).

 **Note:** There may be different supported versions for other Vizrt products. Please refer to separate release notes of these program packages.  
**Viz Multiplay:** This version of Graphic Hub REST requires Viz Multiplay version 2.6.1 or 3.0, otherwise scene import for scenes without control model will not work.  
**Viz Pilot Edge:** This version of Graphic Hub REST is recommended for use with Viz Pilot Data Server 8.6 and Viz Pilot Edge 2.0 or newer.



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## 2 Documentation

Documentation for Graphic Hub is available at the Vizrt Documentation Center:

- [Graphic Hub Administrator Guide](#)

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## 3 Support

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