

Graphite CPC 2.1.1

- Release Date: Sep, 2026.

***Note:** For greater security, it is recommended that you disable Remote Desktop on the Graphite CPC server. On Windows 10, right-click on the **Start** button and click **System** > **Remote Desktop**. Switch **Enable Remote Desktop** to **Off**.*

***Note:** Refer to your XPression software Upgrade Notes for information on any Windows® applications what may need to be updated.*

Feature Enhancements

A number of features have been added, or updated, to this version of software. This section provides a brief introduction to these features, and how to use them.

v2.1.1 Features

MotionText Drop Shadow

MotionText can now apply a drop shadow to text.

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v2.0.2 Features

NDI HX Support

Support has been added for the NDI HX (low bandwidth) compression standard on all inputs and up to 4 outputs. Only encoding of the AVC (H.264) compression standard is supported at this time.

Audio Delay

You can now apply a delay of between 0 and 20,000 ms to any audio fader.

MotionText

Use MotionText to add simple text to your production. Each Preset contains 4 text boxes that can contain a single line of text. The text

can be formatted for font, color, bold, italics, and drop shadow. Each of the 4 boxes that contain the text can be turned on or off and positioned on screen. A Media-Store graphic can be added as the background to the text and is taken on or off with the text. There are 256 Presets (8 Banks × 32 Presets) that each contain a single MotionText layout with text boxes and the selected media. MotionText is selected as a source on a bus and is tallied on the preview window on the menu.

MiniME™

Support has been added for 4 MiniME™ layers.

UltraScene

Support has been added for 4 UltraScene scenes with 8 layers.

3D DVE

Support was added for 3D DVE key position and rotation.

Clip Players

Support was added for 2 channels of Clip Player was added.

TouchDrive Modular Memory Control Panels

Support has been added for the MMC (Modular Memory Control) TouchDrive control panels.

Known Issues and Limitations

Keep these notes in mind when upgrading your switcher to this version of software. Contact Ross Video Technical Support if you have any questions about performing a software upgrade.

Operational Notes

The following issues have been identified when working with the switcher:

- **ViewControl over NDI® on macOS®** — ViewControl over NDI® is not supported on computers running the macOS® operating system at this time.

Security & Network Vulnerabilities

The following exploits have been identified:

- **CVE-2024-6387: Remote Unauthenticated Code Execution Vulnerability in OpenSSH server** — At this time this exploit is only theoretical for 64-bit operating systems such as that used in Graphite CPC.

Graphite CPC Upgrade

There are several components to the Graphite CPC system. Although each of these components is upgraded individually, each component is interdependent with the others and only specific combinations of software versions are supported.



Important: Although the system may operate with a software mix-match, some feature may not be available or performance may be unpredictable.

Software Compatibility

Before installing any software, review the following version compatibility information.

Table 1: Software Compatibility

Software	Version	To Verify
Graphite CPC	2.1.1	The current version is shown on the Status page in DashBoard for the Graphite CPC node.
XPression	11.11.14.6044	Refer to the documentation what came with XPression for information on getting the current version number.
Windows®	10	From the Windows® Control Panel, click System .
DashBoard	10.0.0	Refer to the documentation what came with DashBoard for information on getting the current version number.
TouchDrive Control Panel	4.0	The current version is shown on the Status page in DashBoard for the TouchDrive node.

To Upgrade Graphite CPC

Upgrade the switcher part of Graphite CPC. The standard upgrade is accomplished with a single Windows® executable that upgrades the Graphite CPC services.

1. Download the Graphite-CPC-##.##.##.exe upgrade executable file to your Graphite CPC system.
2. Shutdown XPression and DashBoard if they are running on your system.
3. Run the upgrade executable file you downloaded and follow the onscreen instructions.
4. Click **Install** to start the upgrade.

Tip: If a version of Graphite CPC is already installed on the system, you will be prompted to overwrite it. Click **Yes** to continue.

5. Click **Finish** when the upgrade is complete.

To Upgrade XPression

Upgrade the XPression part of Graphite CPC.

Note: Check the section [Graphite CPC Upgrade](#) on page 2 before uninstalling the current software. If the current version is compatible, then you do not need to uninstall it, or upgrade to a new version.

You must first uninstall the current version of XPression that is on your system. Once uninstalled, you can install the new XPression software.

1. Copy the new XPression installer to the hard drive of the system.
2. Uninstall the previous version of XPression.
3. Run the installer and follow the onscreen instructions.

Note: Refer to the documentation that came with the new version of XPression for any special installation instructions.

To Upgrade DashBoard

Upgrade DashBoard running locally on the Graphite CPC system.

1. Copy the new DashBoard installer to the hard drive of the system.
2. Run the installer and follow the onscreen instructions.

Note: Refer to the documentation that came with the new version of DashBoard for any special installation instructions.