

# Matrox™ **Release Notes**

Matrox™ MuraControl™ for Windows® version 6.00.00

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# Overview

This document describes the current release of Matrox MuraControl for Windows (v. 6.00.00) for Microsoft® Windows® operating systems. Matrox provides these notes to describe bug fixes and improvements to MuraControl software.

This software supports the following display wall configurations:

- Up to 2 x Matrox C680/C900 on Windows.
- Up to 2 x Matrox C680/C900 + multiple Matrox Mura IPX Series capture cards in a system on Windows.
- 4x NVIDIA® M4000 + NVIDIA sync card + multiple Mura IPX Series capture cards in a system on Windows.
- NVIDIA® M6000 + multiple Mura IPX Series 4K capture cards
- Intel® HD Graphics 530 graphics hardware + multiple Mura IPX Series 4K capture cards
- Intel® HD Graphics 630 graphics hardware + multiple Mura IPX Series 4K capture cards
- Matrox Mura IPX Series decode and display card (also known as the “Matrox Mura IPX Multiviewer”).

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## What’s new in this release

This release of Matrox MuraControl corrects customer reported issues and contains bug fixes. It also adds the following features and options:

- Ability to encode, stream, and record inputs, regions of interest, and your entire video wall. This functionality is only supported on systems that contain a Matrox Mura IPX Encode card (MURA-IPX-I4EF or MURA-IPX-I4EHF).
- Ability to open any executable application (.exe) on the system through MuraControl.
- Ability to zoom webpages sources.
- Ability to specify bezel value for Mura IPX Multiviewers.
- Ability to specify edge overlap value for Mura IPX Multiviewers.
- Ability to specify pixel depth of the outputs of Mura IPX Multiviewers.
- Ability to set negative borders for Mura IPX Multiviewers.
- General bug fixes.

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# Notes and limitations

- MuraControl for Windows must run on a Windows operating system. However, it can connect to all display wall configurations listed in the Overview section.
- Network auto discovery works only if the Mura controller and the system running MuraControl for Windows are on the same network.
- MuraControl for Windows requires port 23 to be open for communication with the video wall controller and port 46272 for HTTPS and for the Preview Surface feature. If the Mura controller and system running MuraControl for Windows are on different subnets, contact your network administrator for information on configuring your network.
- Marquee transparency is unsupported when connected to a Matrox C-Series based controller.
- Destination color key is unsupported when connected to a Matrox C-Series based controller.
- Power management needs to be disabled on the system running MuraControl for Windows.
- On C-Series based controllers, the cropping mode within **Source settings** may not take effect on input sources and on IP sources.
- The position on the display wall of a window using Adobe® Reader® DC as a source may not match the position defined in MuraControl.

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# Installing MuraControl software

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## Before you begin

To be able to install and run MuraControl, the following must be installed:

<b>On a C-Series-based controller</b>	<ul style="list-style-type: none"><li>▪ Any Professional, Standard and Embedded versions of Windows 10 or Windows 7. You can also install Windows Server 2008 R2 or Windows Server 2012 R2</li><li>▪ Matrox Mura 3.00 drivers or above for Windows</li></ul>
<b>On a third party graphics-based controller</b>	<ul style="list-style-type: none"><li>▪ Microsoft Windows 7 (64-bit) SP1, Windows Embedded Enterprise 7 64-bit, Windows Embedded Standard 7 64-bit or Windows 10 64-bit</li><li>▪ Matrox Mura 3.00 drivers or above for Windows</li></ul>
<b>Mura IPX Series decode &amp; display card (“Mura IPX Multiviewer”)</b>	<ul style="list-style-type: none"><li>▪ Mura IPX Multiviewer firmware package 2.00.00</li></ul>
<b>On the client system (where MuraControl for Windows is installed. The program can also run locally on your controller system.)</b>	<ul style="list-style-type: none"><li>▪ Microsoft .NET Framework 4.5.2</li><li>▪ Microsoft Windows 7 64-bit SP1, Windows Server 2008 R2, Windows Server 2012 R2, or Windows 10 64-bit</li><li>▪ USB dongle (software license) to use MuraControl for Windows software past the 21 day free trial</li></ul>

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## System requirements (for systems running MuraControl for Windows)

- 1 GHz or faster 64-bit (x64) processor
- 2 GB RAM

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## Installing MuraControl software

To install Matrox MuraControl for Windows on the client system, launch *MuraControlSetup.msi*, then follow the on-screen instructions.

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## Connecting to the controller

To be able to run MuraControl, you'll need to enter the IP address, port, and password (if one was specified) of the controller you want to connect to. When you're done, click **OK**.

<b>Entering an IP address</b>	When you start MuraControl for the first time, you are prompted to manually enter the IP address of the controller you want to connect to. If you don't enter a valid IP address, you'll be prompted each time you start the application until you enter a valid IP address. Once a valid IP address is entered, the IP address is automatically saved. If you want to run MuraControl on the Mura controller, enter <code>localhost</code> as your IP address. If UPnP is enabled, the controllers currently on the subnet are automatically discovered. To connect to a controller, select the controller from the drop-down list that appears.
<b>Entering a port</b>	Enter the port of the controller. Use port 23 for open communication with the video wall controller and port 46272 for HTTPS communication. HTTPS communication is unsupported with Mura IPX Multiviewers.
<b>Entering a password</b>	If the controller you want to connect to is password protected, MuraControl will use the password entered, if one was specified. If the password specified is invalid, you'll be prompted to specify a new password.

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## Contact us

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If you have any questions or comments about our products or solutions, contact us at [www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact).

You can get technical assistance by contacting Matrox technical support at [dwcsupport@matrox.com](mailto:dwcsupport@matrox.com).

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