

# Matrox® **Release Notes**

Matrox® MuraControl™ for Windows® version 5.00.00

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# Overview

This document describes the current release of Matrox MuraControl for Windows (v. 5.00.00) 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:

- Multiple Mura MPX on Windows.
- Multiple Mura MPX + multiple Mura IPX Series capture cards in a system on Windows.
- Up to 2 x C680/C900 on Windows.
- Up to 2 x C680 on Linux.
- Up to 2 x C680/C900 + multiple Mura IPX Series capture cards in a system on Windows.
- Up to 2 x C680 + multiple Mura IPX capture cards on Linux.
- 4× NVIDIA M4000 + NVIDIA sync card + multiple Mura IPX Series capture cards in a system on Windows.
- Intel HD530 + multiple Mura IPX Series capture cards in a system on Windows.
- Mura IPX Series decode and display card (also known as the "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:

- Added support for the following system configurations in a system:
  - Up to 2 x C680 on Linux.
  - Up to 2 x C680 + multiple Mura IPX capture cards on Linux.
  - 4× NVIDIA M4000 + NVIDIA sync card + multiple Mura IPX Series capture cards in a system on Windows.
  - Intel HD530 + multiple Mura IPX Series capture cards in a system on Windows.
  - Mura IPX Series decode and display card (also known as the "IPX Multiviewer").
- Support for Caps (*Capabilities*) functionality. This functionality gives you the ability to connect to different display wall configurations and view the right functionality on the Graphical User Interface.
- 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 above including a Linux video wall controller.
- 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 C-Series based controller.
- Destination color key is unsupported when connected to a C-Series based controller.
- Power manager 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.

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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 Mura MPX Series-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 Server 2008 R2</li><li>▪ Matrox Mura 2.09 drivers or above for Windows</li></ul>
<b>On a C-Series-based controller</b>	<ul style="list-style-type: none"><li>▪ Any Professional, Standard and Embedded versions of Windows 10, Windows 8.1 or Windows 7. You can also install Windows Server 2008 R2 or Windows Server 2012 R2</li><li>▪ Matrox Mura 2.09 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, Windows 8.1 (64-bit) or Windows 10 64-bit</li><li>▪ Matrox Mura 2.09 drivers or above for Windows</li></ul>
<b>On a Linux-based controller</b>	<ul style="list-style-type: none"><li>▪ Supports the following distributions of Ubuntu: 14.04, 14.04.1, 14.04.2, 14.04.3, and 14.04.4</li><li>▪ Supports CentOS 7.2</li><li>▪ Supports X version 1.15.1 to 1.17.2</li><li>▪ Kernels:<ul style="list-style-type: none"><li>▪ 3.13.0-24, 3.13.0-98, 3.13.0-100</li><li>▪ 3.16.0-77</li><li>▪ 3.19.0-80</li><li>▪ 4.2.0-27, 4.2.0-42</li></ul></li><li>▪ Matrox Mura 2.10 drivers or above for Linux</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 1.00</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</li><li>▪ Microsoft Windows 7 64-bit SP1, Windows Server 2008 R2, Windows Server 2012 R2, Windows 8.1 64-bit, 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 Mura system)

- 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. If you never changed the port on your Mura MPX controller, we recommend leaving it at 23 or entering 46272 if connecting using HTTPS.
<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

The Matrox Web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at [www.matrox.com/graphics](http://www.matrox.com/graphics).

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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