# Matrox® Release Notes

## Matrox® MuraControl™ for Windows®

Software version 8.00.00

**www.matrox.com/graphics**

**matrox®**
Graphics for Professionals

# Overview

This document describes the current release of Matrox MuraControl for Windows (v. 8.00.00) for Microsoft® Windows® operating systems. Matrox provides these notes to describe bug fixes and improvements to MuraControl software.

This software allows you to connect to the following display wall configurations:

- Matrox C680/C900 in a system on Windows.

- Matrox C680/C900 in a system on Linux.

- Matrox C680/C900 plus Matrox Mura IPX Series capture cards in a system on Windows.

- Matrox C680/C900 plus Matrox Mura IPX Series capture cards in a system on Linux.

- Matrox Mura IPX 4K IP Decode and Display card (also known as the "Matrox Mura IPX Multiviewer").

- NVIDIA® M4000 plus Matrox Mura IPX Series capture cards in a system on Windows.

- NVIDIA® M6000 plus Matrox Mura IPX Series capture cards in a system on Windows.

- NVIDIA® P4000 plus Matrox Mura IPX Series capture cards in a system on Windows.

- NVIDIA® P5000 plus Matrox Mura IPX Series capture cards in a system on Windows.

- NVIDIA® P6000 plus Matrox Mura IPX Series capture cards in a system on Windows.

- NVIDIA® M4000 plus Matrox Mura IPX Series capture cards in a system on Linux.

- NVIDIA® M6000 plus Matrox Mura IPX Series capture cards in a system on Linux.

- NVIDIA® P4000 plus Matrox Mura IPX Series capture cards in a system on Linux.

- NVIDIA® P5000 plus Matrox Mura IPX Series capture cards in a system on Linux.

- NVIDIA® P6000 plus Matrox Mura IPX Series capture cards in a system on Linux.

- AMD WX7100 plus Matrox Mura IPX Series capture cards in a system on Windows.

- AMD WX9100 plus Matrox Mura IPX Series capture cards in a system on Windows.

- Intel® HD Graphics 530 graphics hardware plus Matrox Mura IPX Series capture cards in a system on Windows.

- Intel® HD Graphics 630 graphics hardware plus Matrox Mura IPX Series capture cards in a system on Windows.

- Other configurations with third party graphics on Windows/Linux may be supported. For more information, contact Matrox.

## 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:

- Support for the Matrox Mura IPX 12G-SDI Capture and IP Encode/Decode cards (MURAIPXI-E4SF and MURAIPXI-E4SHF).

- Support for the SRT transport protocol for encoding.

- General bug fixes.

# 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.

- When using a third party application as a source, the position of the window may not respect the settings specified in MuraControl for Windows.

- 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 or third party graphics based controller.

- Destination color key is unsupported when connected to a Matrox C-Series or third party graphics based controller.

- Encoded RTSP stream suffix can't be longer than 25 characters.

- Windows Display Scaling needs to be set to 100% for all the user interface elements to appear properly.

- Power management needs to be disabled on the system running MuraControl for Windows.

# Installing MuraControl software

## Before you begin

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

| | |
|---|---|
| **On a controller using C-Series products** | ▪ Windows: Any Professional, Standard or IoT version of Windows 10 as well as any Professional, Standard, or Embedded version of Windows 7. Windows server 2008 R2, Server 2016, and Server 2019 are also supported.<br>▪ Linux: Ubuntu 14.04 or CentOS 7.2.<br>▪ Matrox Mura 3.03.00 drivers or above for Windows or Linux. |
| **On a controller using third party graphics hardware** | ▪ Windows: Any Professional, Standard, or IoT version of Windows 10. OS support may vary depending on the controller's GPU. For more information, contact Matrox.<br>▪ Linux: Ubuntu 14.04, Ubuntu 16.04, CentOS 7.2 or CentOS 7.4. OS support may vary depending on the controller's GPU. For more information, contact Matrox.<br>▪ Matrox Mura 3.03.00 drivers or above for Windows or Linux. |
| **Mura IPX 4K IP Decode and Display card** | ▪ Mura IPX Series 4K Decode and Display firmware package 3.03.00. |
| **On the client system (where MuraControl for Windows is installed. The program can also run locally on your controller system.)** | ▪ Microsoft .NET Framework 4.5.2<br>▪ Microsoft Windows 7 64-bit SP1, Windows Server 2008 R2, Windows Server 2012 R2, Windows 10 64-bit, Windows Server 2016 or Windows Server 2019.<br>▪ USB dongle (software license) to use MuraControl for Windows software past the 21 day free trial. |

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

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

# Installing MuraControl software

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

# 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**.

| | |
|---|---|
| **Entering an IP address** | 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 localhost 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. |
| **Entering a port** | 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. |
| **Entering a password** | 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. |

# 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.

If you have any questions or comments about our products or solutions, contact us at www.matrox.com/graphics/contact.

You can get technical assistance by contacting Matrox technical support at dwcsupport@matrox.com.

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