



# Matrox MuraControl™ Software to Manage Your Video Wall

Control Locally or Remotely. On Windows. Or On Your Tablet.

Matrox MuraControl™ is a low-cost, premium performance, video wall management software that provides an easy and intuitive way to manage your Matrox-based video wall, multiviewer, or personal video wall locally or remotely. Available as a feature-rich, single-license software for Microsoft® Windows® or as a free, lighter version app for iPad® with drag & drop functionality, it can be used to create and manage layouts offline or in real time.

## Key Features

- Easily manage inbound and outbound AV streams
- Create, save, rename, copy, export, import, and delete layouts/presets
- Window transparency and color-keying functions
- Robust upgrade and software-support program
- Position, scale, clone, crop, frame, and label input windows
- Apply color-correction, multi-lingual text overlay, and deinterlacing

	MuraControl for Windows	MuraControl for iPad
Getting Started	• Free 21-day trial software available from Matrox website (USB software license available for purchase)	• Free app available on the Apple® App Store <sup>SM</sup>
Supported OS	• Microsoft Windows 7, 10, Server® 2008 R2 and Server® 2012 R2	• iOS 7 and up
Supported HW Configurations	• Up to 4x D-Series cards OR • Multiple Mura MPX Series <sup>1</sup> cards OR • Multiple Mura IPX Capture cards paired with up to 4x D-Series cards OR • Multiple Mura IPX Capture cards paired with multiple Mura MPX Series <sup>1</sup> cards OR • Multiple Mura IPX Capture cards paired with 3rd party graphics <sup>3</sup> OR • Mura IPX Output cards as a standalone multiviewer or video wall in a card	

## Customized Video Wall Software

The MuraControl white-label skinning solution allows OEMs and system integrators to tailor the graphical user interface, while the MuraControl Tablet SDK allows users to expand complete package product offerings and customize software for both Windows desktop and tablet-based video wall control systems.

### MuraControl White-Label Solution for OEMs/Integrators

- A turnkey, fully rebranded version of our powerful MuraControl for Windows video wall software.
- Control of elements such as logos, buttons, product name, and color schemes.
- Matrox comes with a 40-year track record of robust client support programs.

### MuraControl Tablet SDK

- Customizable template to build your own tablet-based video wall control software.
- Build off of the same framework powering the proven MuraControl for iPad app.
- Optimized for both Android and iOS-based tablets.

Matrox Mura IPX Capture Series



Paired with  
Matrox Mura MPX Series<sup>1</sup>



#### Advantages:

- Up to 56 synchronized outputs
- Single-slot input/output allows high density, flexibility, and scalability
- Universal input support (DVI, RGB/VGA, Component, S-Video, Composite, and SDI)
- Multiple available models for increased functional & thermal reliability
- Passive cooling

Paired with  
Matrox D-Series



#### Advantages:

- Up to 16 synchronized 4096x2160 @ 60Hz outputs
- Available with HDMI or DisplayPort 1.4 outputs for seamless integration with multiple environments
- Over-the-top framelock cable means no additional cards are required for synchronization
- HDCP support
- Microsoft DirectX® 12, OpenGL® 4.5 and OpenCL™ 1.2 support enables latest professional applications
- Windows 10, and Linux<sup>2</sup> OS support

Paired with  
3rd party Graphics<sup>3</sup>



#### Advantages:

- High-resolution monitor support, including Full HD and 4K/UHD
- Low-cost integrated or generic professional graphics options
- Multiple available models for various graphical performance requirements
- Microsoft DirectX, OpenGL and OpenCL support enables latest professional applications
- Windows 7, 10, and Linux OS support

<sup>1</sup> See Matrox Mura MPX Series datasheet for more details.

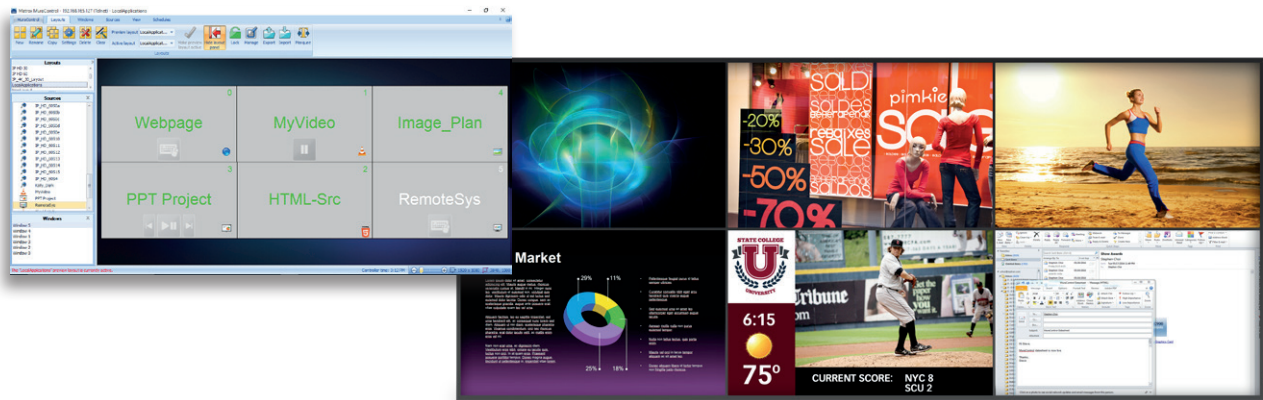
<sup>2</sup> Feature not yet released. Please view Release Notes for latest updates or contact Matrox for more details.

<sup>3</sup> See release notes for details on which brands, models and configurations are supported.

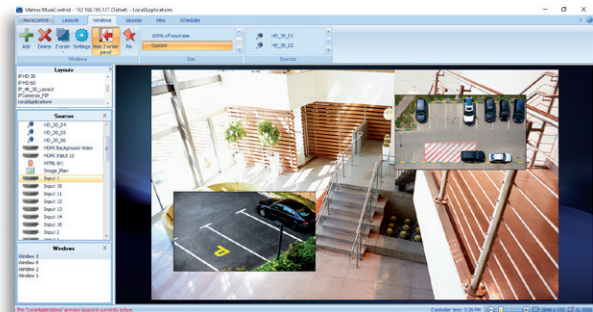
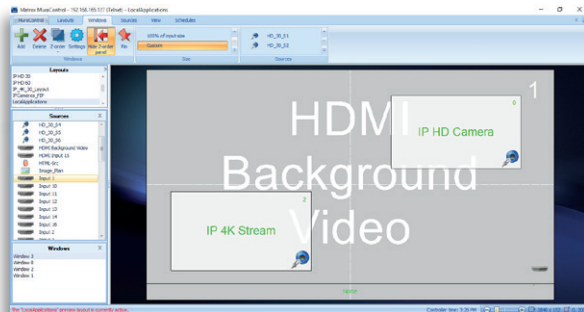


## Easy-to-Use Video Wall Management Software

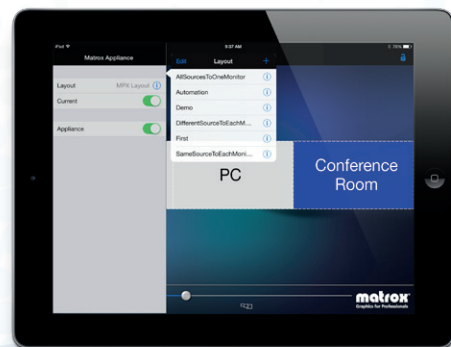
Discover how to start creating, previewing, and applying layouts in MuraControl so that your video wall appears exactly as you envision. Create and save unique presets by arranging local application, direct, and IP source content exactly where you want it, by managing and modifying a variety of in-depth window properties.



Create layouts and open, position, and control local applications and images such as Internet Explorer, VLC, pictures, PowerPoint Viewer, HTML5 and VNC.



Build layouts featuring HDMI, DisplayPort, IP, and other types of sources, for placement anywhere on the wall, including a Picture-in-Picture (PIP) format.



Transform your Apple tablet device into an intuitive touch panel control interface capable of remotely managing your video wall.

# Matrox MuraControl™ Software Specifications

Specifications	MuraControl for iPad	MuraControl for Windows
Part Number	N/A	MURA-CTRLWF
Supported OS	iOS 7 and up	Windows 7, Windows Server 2008 R2, Windows 10, Windows Server 2012 R2
Supported Video Wall Platforms	D-Series, D-Series + IPX Capture Card, + IPX Capture Cards, Mura MPX, Mura MPX + IPX Capture Cards, 3rd party graphics + Mura IPX Capture Cards, Mura IPX Output Cards	
Layout Management	Create, Save, Preview, Apply, Lock, Copy, Import, Export, and Delete	
Layout Scheduling	No	Yes
Image and Text Overlay	Apply already-created text and image overlays	Create, Edit, Delete, Apply Multi-Lingual Unicode Text Overlay and Marquee Text, and Image overlay, including control over font, colour, size, location, and speed.
Window Management	Create, Position, and Resize windows anywhere on the wall	Create, Position, Rotate (any arbitrary angle), and Resize Windows anywhere on the wall, including control of advanced window border colour and width
Window Cropping	Basic	Advanced
Z-Order Management	Basic: Ability to set back, set backwards, set front, and set forward	Advanced: Ability to set z-order value of each window
Source Management	Rename functionality	Create, Rename, Crop, Rotate, and Text Overlay functionality
Create Source	No	Yes (Hardware Inputs, IP, HTML5, VLC, PowerPoint Viewer, VNC, Image and Internet Explorer)**
Audio Management	No	Yes (Only one audio channel can be played out at any given point of time.)
Source Settings***	Apply already-set Source settings	Edit Source-specific Alpha Blending, Colour Keying, Hue, Saturation, Brightness, and Contrast
Source Touring	No	Yes
De-interlacing Filters	Apply already-set Source De-interlacing filters	Apply Source-specific filters, including Bob, Weave, single-field, and adaptive technique
Preview Surface	No	Yes
Application Control	None	VLC (Volume + Play/Pause), IE (Mouse and Keyboard), VNC (Mouse and Keyboard), and PPT (Previous/Next Slide and Play/Pause Slide switching)
Video Wall Detection	IP Address	IP Address and UPnP for automatic detection
Video Wall Startup Control	Ability to Stop/Start Control and Show/Hide (with Static Background) Desktop	
Video Wall Communication Port	Telnet (Port 23)	Telnet (Port 23) and/or HTTPS (Port 46272)
Video Wall Access	Remote over LAN	Local and/or Remote over LAN
Availability	Free app available in the Apple App Store	Free 21-day trial available on the Matrox website. USB software license available for purchase.

\*\* Other applications may be opened and controlled through within your layout. Please contact Matrox for more details.

\*\*\* Only applies to physical, IP, HTML5 and VLC sources

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