



Matrox Mura MPX Series Gives Boost to The Jet Business, the World's First Street-Level Corporate Aviation Showroom

The Jet Business leverages 32 monitors driven by Mura MPX video wall controller boards to showcase portfolio of corporate aircraft to clients

By Ryan Szporer, Matrox Graphics Inc. and Alan Betts, Candeo Vision



Matrox Mura MPX Series

"The [Mura Network] API interface was used to create layouts dynamically, manage the capture process, and control window visibility."

Alan Betts
Director,
Candeo Vision



Image courtesy of Candeo Vision

The Jet Business employs the use of a 32-monitor video wall powered by Matrox Mura MPX Series video wall controller boards to showcase available aircraft to clients.

The Jet Business, the world's first street-level corporate aviation showroom, is further reinventing how business aircraft are transacted by using Matrox Mura MPX Series controller boards to capture and display content for clients on an interactive, 32-monitor video wall.

Based in Belgravia — one of London's most prestigious districts — The Jet Business boasts a game-changing concept: a life-size replica of an Airbus Corporate Jet (ACJ 319) cabin displayed in its front window. Right alongside it stands the interactive Matrox-powered video wall integrated by Candeo Vision (sub-contracted by Viastak, with technical assistance provided by PSCo Technical Distribution). Each gives clients an in-depth look at their potential purchases before taking the proverbial leap, miles off the ground.

A New Flight Plan

The Jet Business, the world's first corporate aviation showroom for business jet aircraft, opened in January 2012. Ultra-high-net-worth individuals, including government officials, royalty, and influential corporate executives, can plan their business jet sale or purchase with experts and analysts in complete privacy.

At The Jet Business, clients can enjoy a fully immersive experience as the sales and research team provides independent, impartial advice. Under a single roof potential buyers are educated on the widest range of new or pre-owned business jets available on the market today. The Jet Business simplifies the corporate jet sales experience, with the entire model built around the client's journey.

A Movie Worth Watching

The video wall itself comprises 32 NEC-supplied monitors, resulting in an installation that is as tall as the ceiling.

A Matrox-validated HP controller system integrated by Candeo Vision displays vitals such as range, fuel economy, speed, and number of seats. Additionally, it overlays each of the available planes' outlines to compare shape and even full-sized cross-sections of cabins to measure walking room, all in order to help clients choose which jet is right for them.



Using a custom app, clients can compare the sizes and shapes of available jets on the video wall by superimposing the outline of one aircraft on top of another.

A Video Wall Control Tower at Your Fingertips

An Apple® iPad® gives clients an easy-to-use touch-panel interface with which to access all the aforementioned information. Content is rendered across the monitors as commands get routed from the iPad throughout the installation to a custom, local Mura MPX controller app, built by Candeo Vision with the easy-to-use Mura Network API, which is included in the Mura MPX software development kit (SDK).

“All content is displayed within custom templates designed for the ultra-high resolution screens,” said Tom Makin, systems integrator at Candeo Vision. “Integrated iPad screen mirroring is achieved by interfacing with the Matrox Mura MPX system to dynamically control the size and visibility of an Apple Airplay window overlaid on the screen.”

“The Mura API allowed the display of Apple TV picture-in-picture windows to be fully integrated with our custom display software,” continued Alan Betts, director at Candeo Vision. “The API interface was used to create layouts dynamically, manage the capture process, and control window visibility. A key API feature for us was the ability to start up the Mura interface in ‘No Background’ mode so we could overlay a PiP window on top of a native Windows desktop.”

From the Ground Up

The Mura Network API lets integrators, like Candeo Vision, easily develop their own intuitive applications for end users so they can effortlessly control their new video walls.

“The Matrox Mura API documentation was clear and the .NET example code provided a solid base for us to work from,” said Betts. “The command line telnet interface [the Network API] has also proved highly valuable for manual layout tweaks and remote support.”

As a result, the Mura MPX Network API has since been adopted by The Jet Business to drive further development and meet the showroom and their client base’s ever-evolving needs. Considering the revolutionary business model, it may be a tall order, but one that is very much possible with the sky as the limit.

For More Information

Matrox Mura MPX Series [video wall controller boards](#) are building blocks of high-performance, scalable installations that meet even the most demanding requirements of system integrators. Featuring both high-definition outputs and high-definition inputs, Mura is key to the assembly of everything from small-scale, single-board presentation systems to large-scale, multi-board configurations for use within control rooms or as digital signage. New fanless models eliminate background noise and build further upon renowned levels of reliability. High-bandwidth Digital Content Protection (HDCP) compliance meanwhile enables the playback of copy-protected content. [Contact Matrox Graphics](#) to learn more.

Matrox and Matrox product names are registered trademarks and/or trademarks of Matrox Electronic Systems, Ltd. and/or Matrox Graphics Inc. in Canada and/or other countries. All other company and product names are registered trademarks and/or trademarks of their respective owners.

Learn More or Purchase

Matrox Graphics offers a wide range of specialized graphics solutions for professional markets such as security, finance, digital media, medical imaging, and enterprise computing. For more information about the entire Matrox Graphics product line, visit www.matrox.com/graphics.

To locate the local office nearest to you, visit www.matrox.com/graphics/contact. For product support, contact your Matrox representative or visit www.matrox.com/graphics/support.

North America: 1-800-361-1408 (outside North America: 1-514-822-6366) United Kingdom: +44 (0) 1895 827260 Germany: +49 89 62170-444
Email: graphics@matrox.com

© 2013 Matrox Graphics, Inc. All rights reserved. Matrox reserves the right to change specifications without notice. Matrox and Matrox product names are registered trademarks in Canada or other countries and/or trademarks of Matrox Electronic Systems, Ltd and/or Matrox Graphics Inc. All other company and product names are registered trademarks and/or trademarks of their respective owners. January 2013

matrox[®]
Graphics for Professionals