

Future-Ready AV Infrastructure for Mexico's Institutional Stock Exchange



BIVA Trading Floor



Side Video Wall, BIVA Auditorium

When Mexico's Institutional Stock Exchange (BIVA) began designing its new headquarters in Torre Esmeralda, one of its top priorities was to create a state-of-the-art audiovisual environment that would support everything from live presentations to internal communications and large-scale events. The solution needed to be reliable, intuitive, and above all, scalable, capable of meeting the evolving needs of a modern financial institution.

BIVA turned to MuxLab's AV over IP technology, working closely with integrator Kolo to deploy a comprehensive distribution system across the facility. The project was implemented in two phases: the main auditorium was completed between January and June 2019, while the common areas, including the operations floor, lobby, and surveillance areas, were originally completed in 2018 and later upgraded from HD to 4K in mid-2023.

The auditorium now features two 3x3 videowalls, a large LED display managed through a Digibird processor, four 43-inch teleprompter screens, multiple auxiliary displays, and dedicated control room monitors. Each of these elements is powered by MuxLab transmitters and receivers, ensuring content can be distributed flexibly and without interruption. Across the common areas, additional displays were installed to deliver financial channel feeds, corporate communications, live signage for visitors, and security monitoring.

In total, the installation included thirty-two 500759-RX receivers, twenty-two 500759-TX transmitters, two 500773-TX transmitters, three 500811 units, and one 500812. All of these devices are managed through the MuxLab Network Controller GUI, which provides operators with a user-friendly interface for real-time adjustments. This intuitive control eliminated the need for third-party systems,

allowing for rapid reconfiguration during high-profile events and day-to-day communications alike.

The decision to adopt MuxLab came after initially considering traditional modular matrix systems. However, BIVA's team discovered the advantages of AV over IP during a visit to TecnoMultimedia Infocomm 2018 in Mexico City. Introduced to the technology by Emmanuel Lagunez of Duoson, they quickly recognized the flexibility and scalability of MuxLab's approach. The ability to build a matrix over standard network infrastructure, seamlessly integrate new transmitters and receivers, and take advantage of advanced videowall features made MuxLab the clear choice. Since installation, the system has proven remarkably reliable.

The end result is a flexible and future-proof AV distribution environment that enables BIVA to communicate with impact, engage staff and visitors, and maintain its reputation as a forward-looking financial institution in Mexico.

As the primary operator of the system, I can confidently attest to the reliability and user-friendliness of MuxLab products over the past six years. The support team has always provided timely and effective assistance, which has been key to maintaining system performance and ensuring operational continuity.

Héctor García Díaz, Multimedia Production Specialist, BIVA



Main Screen, BIVA Auditorium

About KOLO

With years of expertise in audiovisual integration, Kolo specializes in designing and implementing advanced communication and presentation systems that elevate professional environments. Serving clients across corporate, financial, and educational sectors, the company blends technical innovation with a service-driven philosophy to deliver solutions that enhance collaboration, streamline operations, and strengthen organizational impact in today's fast-evolving markets.



MuxLab offers a complete line of AV over IP solutions.
Visit our website to see the complete line.

About MuxLab: MuxLab is a leading designer of value-added connectivity solutions for the pro AV and broadcast markets. Since 1984, MuxLab has supported its main mission to provide customers with innovative, dependable and industry leading designs that are engineered in Canada. A forerunner of the AV over IP evolution, MuxLab continues to deliver comprehensive, game changing IP-enabled systems for both commercial and residential installations of all shapes and sizes.

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