

City of Santos Modernizes Operations with Jupiter Systems



Congratulations to DETIC and the City of Santos for their vision and investment in modernization.

Jupiter Systems is proud to power these mission-critical environments, ensuring that Santos continues to set the standard for urban safety, mobility, and citizen care.

Making Public Safety a #1 Priority

Overview

The City of Santos, São Paulo, Brazil, has taken a major step forward in public safety and urban management by modernizing its monitoring ecosystem. In partnership with DETIC (Department of Information and Communications Technology Management), Jupiter Systems delivered advanced visualization solutions for the Operations Control Center (CCO), Security Room, and Crisis Room, strengthening the city's ability to protect and serve its citizens.

The Challenge

As the CCO and supporting rooms entered their fifth year of operation, the City of Santos recognized the need for modernization. To ensure 24/7 reliability and seamless coordination across departments, DETIC sought a solution that would:

- Upgrade visualization and processing power
- Ensure compatibility with existing Mitsubishi 70" rear-projection cubes
- Provide centralized management, redundancy, and scalability
- Enhance situational awareness in mission-critical decision environments

Project:

City of Santos

Location:

São Paulo, Brazil

"The Operational Control Center is more than technology; it's a partner in caring for the city. It's an honor to invest in its development."

Rogério Santos,
Mayor, City of Santos

The Jupiter Solution

Working closely with DETIC, Jupiter Systems delivered a tailored solution across three mission-critical environments:

Operations Control Center (CCO):

- Upgraded to Jupiter Catalyst controllers, enabling robust processing and visualization of multiple live sources.

Security Room:

- Deployment of Catalyst controllers to power around-the-clock monitoring and operational reliability.

Crisis Room:

Installation of 105" 21:9 Pana ultra-wide monitors, providing expansive situational awareness for collaborative decision-making during emergencies.

Key integration highlights include multi-source ingest (IP/HDMI) and full compatibility with the city's existing Mitsubishi video walls. Centralized management ensures redundancy and future-proof modular growth.

Results

The modernization initiative has reinforced Santos' position as a leader in smart city innovation:

- Enhanced visualization across departments for faster, coordinated responses
- Greater operational resilience with redundant, centralized control
- Improved decision-making with ultra-wide display technology in the Crisis Room



**Want to modernize your CCO or Control Room?
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