



BUSINESS CASE



Smart Cities & Mobility

Intelligent Container Monitoring Solution for Urban Waste Management

Implemented in: Uruguay

Challenge:

Leverage existing camera and video system infrastructure to automatically detect, with the support of artificial intelligence, situations of vandalism, fires, and waste accumulation outside designated containers throughout the city of Montevideo.

Solution:

- Integration of AI for real-time detection of vandalism, fires, and improper waste disposal.
- Automatic alerts to the monitoring center.
- Continuous coverage with licenses distributed across the entire network.

Benefits:

■ Automatic detection of **fires in containers.**

■ Identification of waste **accumulated outside designated points.**

■ Generation of real-time alerts to **the control center.**

■ Use of **existing infrastructure.**

■ Risk reduction and agile **response to incidents.**

Tags: AI; Urban Monitoring; Solid Waste; Video Surveillance; Smart City.