



SUCCESS CASE

Smart Cities & Mobility

Hybrid and Interoperable Ticketing Solution for Urban Mobility

Implemented in: Colombia

Challenge:

Modernize the urban ticketing system to support, in an integrated way, closed and open payments, serving both local users and tourists, with a scalable and interoperable architecture aligned with international standards.

Solution:

- Implementation of hybrid ticketing for urban transport (closed loop + open loop).
- Supports bank cards with QR code, NFC, and EMV on buses and stations.
- Cloud-based infrastructure for high availability, interoperability, and scalability.



Benefits:

■ Digital and tourist inclusion **through multiple payment options.**

■ Modern, interoperable ticketing **system aligned with global standards.**

■ MTT architecture integrated with **international brands (Mastercard and Visa).**

■ Scalability and readiness for **integration with new mobility modes.**

Tags: Hybrid Ticketing; EMV; QR Code; NFC; Urban Mobility; Public Transport; Tourism; Interoperability; Cloud Architecture.