



## Smart Station

1,600

Energy systems Monitored & Controlled Civil Subsystems

120 lifts and escalators

370 automatic gates

250 areas with remotely dimmable led lights

Smart Station solution develops the station concept toward a Smart City oriented urban system, thanks to IoT technology and Big Data management. The station becomes a digital hub of integrated and inter-modal mobility. Safe, sustainable and interactive.

Smart Station integrates in one environment digital and physical infrastructure, enabling a catalogue of advanced services in terms of Safety, Customer Experience, Eco-sustainability,

Maintenance. The catalogue is based upon 4 main axes: Wi-fi Station, Access Control, Smart Event Management and SVI.

Wi-fi Station solution is Open and uses an “intelligent” Wi-Fi enabling digital services for passengers, tourists, citizens, companies. Thanks to the Station Virtual Portal we can give visitors new information services, such as indoor mapping and travel assistant, as well as timetable and weather forecasts, also for Passenger with Reduced Mobility.

Access Control system is open, safe and reliable, capable of improving users and asset safety, stations access, flow monitoring and, at the same time, enabling advanced payment solutions, such as EMV by Transport Operators.

SMART EVENT MANAGEMENT (SEM) is a solution for command,

control and management of station's systems consumptions. SEM package, supplied with e2e solutions from Al maviva, enables supervision from a single centralised control room of peripheral systems, in terms of consumptions and functionality, as well as on/off switch control or devices setting.

A single Platform handling:

SECURITY – Access monitoring, Integrated meta dating, Asset Management;

SAFETY – active monitoring of anomalous events, such as yellow line trespassing or rail crossing;

WORKFLOW – Optimised information management enhancing anomaly detection.

BUSINESS ANALYTICS - DATA MINING data gathering and organization to enhance AS-is logic interpretation.