



SMART
MOBILITY



AUTOMATIC FARE COLLECTION (AFC)

The improvement in how citizens travel within the region requires of a system able to provide transport facilities in order to boost the local economy and improve the quality of life of the users.

In that context the AFC solution must be efficient, safe, reliable and at the same time affordable and easy to be understood by commuters.

An Automatic Fare Collection (AFC) system integrates various functionalities of process control, monitoring and maintenance of the various operations needed throughout the process of issuing, distribution, sale and validation of transport tickets. The system also manages the access control to transportation, and the processes of consolidation, settlement and clearing in multimodal systems.

AFC solution of each city or region have to be adapted to the different transportation operational models. That requires the analysis and definition of all processes and functionalities of the tariff model.

SICE offers a comprehensive first-class AFC solution built on the solid foundation of more than 90-year industry experience gained from satisfied customers around the globe.

The integrated tariff management system is flexible, scalable and configurable to suit each city or region, allowing future extensions to ease the interconnection and interoperability with adjacent intelligent transport systems.

ACCESS CONTROL AND FARE COLLECTION

SICE designs and delivers a fare collection solution able to integrate contactless validators and/or magnetic card readers in a wide range of turnstiles, totems, gates and corridors for access control. Key aspects of this approach are:

- Scalability based on modular design and open technologies.
- Compliance with the regulatory environment.
- Universal design for the needs of the disabled, elderly and children.
- Minimization of fare evasion.
- Easy to use and environmentally friendly.
- Faster validation process.

TICKET VENDING MACHINES AND POINTS OF SALES

For the issuance of transport tickets, SICE proposes attended point-of-sales, and automatic ticket vending machines able to integrate several payment methods: coins, bills, EMV credit cards,...



SICE designs ergonomic point-of-sales with customized applications to issue, initialize and personalize the transport tickets.

Automatic ticket machines are designed in compliance with accessibility standards and a friendly interface to ease interaction with the user.

SICE proposes robust machines that integrate local payment methods and assure the fare collection in locked vaults, in order to maximize the safety of the money raised.



MULTIMODAL AND CENTRALIZED MANAGEMENT

The AFC Management Center is a modular solution where all the information of Sales and validations of tickets is centralized.

SICE offers a back office solution for the Consolidation and integration of sales and validation data, even in multimodal and intermodal environments.

It includes audit tools, billing and reporting. It also includes Clearing tools, Bank management, and consolidation of means of payment.

Intermodal tariff integration enables two advanced services: the user is able to pay in different modes of transport with the same title ("Integrated transport ticket"), and pay just one-time at the start of trip without paying at the transfers ("Integrated tariff").

