



SOLUTION FOR THE MANAGEMENT OF MULTIMODAL TRANSPORTATION CENTERS - SISTATION

The ultimate goal of a multimodal transportation center is to provide a high capacity interchange facility in order to boost the local economy and quality of life of commuters. The improvement in how citizens travel and move within a region requires a transportation system able to divert private transport users to the public environment.

In that context the multimodal transportation center must be efficient, safe and reliable, and at the same time affordable for the operator and easy to understand for users in order to provide an environment-friendly and engaging journey with short transits.

SICE provides a first-class solution for the management of multimodal transportation centers called SISTATION built on the solid foundation of 90-year industrial experience implementing comprehensive solutions to satisfied customers around the globe.

SISTATION integrates a set of systems and functionalities required in the operation of a Multimodal Station:

- Supervisory Control and Data Acquisition (SCADA) System
- Security System (CCTV and Intrusion Alarm Systems)
- Passenger Information System (Public Address and Passenger Visual Information Systems)
- Voice and Data Radio System
- Telephony and Intercom System
- Network Management System

SISTATION solution is flexible, scalable and configurable, allowing future extensions to ease the interconnection and interoperability. It has been designed with an extensive knowledge of the operation of a multimodal station.

FEATURED CLIENTS

SICE's proposal of management solution for multimodal transportation centers - SISTATION - is based on the extensive experience of the company implementing solutions that cater to the interchange station operation, and have been tested in live operation.

More than 400 stations and 500 trains all over the world are equipped with SICE's technology.



CENTRALIZED MANAGEMENT AND FACILITIES CONTROL

The Control Centre of a multimodal transportation center centralizes all information from many different systems that must operate and cooperate in an integrated and coordinated way to optimize resources.

SICE provides a modular management solution of control center called SISTATION, which is configurable and adaptable and includes tools for scheduling, events management, reporting and auditing.

The centralized SISTATION platform integrates the monitoring and control of, among Others, E&M equipment such as ventilation, lighting, escalators or building HVAC.

The platform is, likewise, able to integrate security and information systems on a unified graphical user interface, with integrated asset management and maintenance modules.



PASSENGER INFORMATION SYSTEM

The passenger information system improves the user experience providing real time waiting times and optimized connections.



SICE's SISTATION solution integrates with real-time monitoring of schedule services, and provides an advanced dynamic information platform on: screens, information boards (departures / arrivals), information totems, mobile phones and website.

It also connects to the public address system to disseminate background music, advertising and audio messages (speech synthesis)



SECURITY SYSTEMS

SICE provides expertise in design, engineering and implementation of tailor-made technical solution for the real needs of a multimodal transportation center with high flow of passengers.

SICE solution enables management, monitoring and integrated control of distributed security facilities: CCTV surveillance systems in both stations and onboard, intelligent video analytics, access control, intrusion control, alarms monitoring and fire protection.

