



SMART SAFETY

SMART CONCEPT by **SICE** is known for its use of smart solutions based on new technologies, which provide cities with a greater degree of safety, efficiency, sustainability and comfort for their citizens.

One of the most important factors for citizens is the safety of the city. This is the reason that drove the search for and the development of efficient and quality solutions that help control possible vandalism that could occur, with the aim of increasing security.

One of the most common solutions is the implementation of video-surveillance or CCTV systems to control community areas that are vulnerable to vandalism with two clear goals:

- Have real control of the situations that take place and intervene promptly, if needed.
- Have access to a further revision to implement the relevant measures in each case.

One of the main markets of **SICE** is Safety and the company dedicates a significant amount of resource to make it completely competitive at all levels: centralized and smart image viewing, access control, intrusion systems, etc.

Accumulating a broad experience in the safety solutions in the market, **SICE** also commits to new technologies developing new solutions that can adapt to their clients' every need.

All of these solutions are integrated in **KALIOPE**, the integrated management platform for all the smart systems of a territory designed by **SICE**, based on Quality of Service (QoS) indicators that are easily measured and support the decision-making process, which is capable of establishing active communication channels with the citizen and enables the improvement of the coordination and efficiency of the services rendered.

KALIOPE thus becomes the core and fundamental piece that integrates all the services and systems of each project.

SMART CONCEPT BY SICE

SICE's new **SMART CONCEPT** seeks to break down the barriers of smart cities and commit to a broader concept, providing this same intelligence to a group of municipalities, a region, a community or even, in the future, a country. In short, regions or territories sharing common characteristics, their own identity, or certain elements or ties that bring them together somehow. These ties could be tourism, a shared natural environment, the same social strategy or structure, etc.

Many of the proposals included in **SICE's Smart Concept** have been implemented and have been providing services to citizens for a long time. The current goal is to provide these services with more intelligence and, above all, interconnect them with the goal of achieving sustainable development.

SICE has been developing an applying these technologies for years, thus becoming a benchmark pioneering company in the Smart concept.

SAFE CITIES

Safety in cities has been the main concern of Public Administrations from the creation of the first cities, since this is one of the largest demands of the citizens.

The lack of measures to avoid small acts of vandalism acts may result in an increase in criminality rates, which would ultimately result in the degradation of the area. However, establishing and maintaining measures to increase citizen safety is very costly.

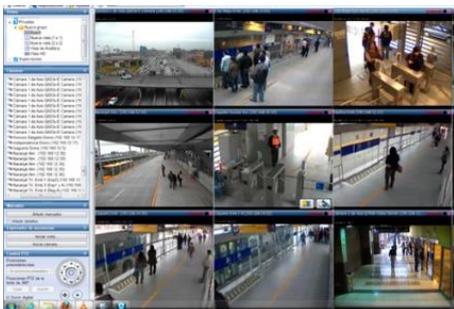
In this sense, with the creation of the **SMART CONCEPT** model based on the use of Information and Communication Technologies (ICTs) can establish security systems that further complement traditional measures and help in the detection of crimes in urban areas.

Some of the security systems needed to give due response to all the needs of a smart city protected environment are:

- Security in critical infrastructures.
- Security in transport and infrastructures.
- Security and monitoring of roads, residential, and business / finance areas.
- Communication systems and infrastructures for security systems.
- Security in strategic and emergency areas.
- Control, monitoring and integration center.

VIDEO-SURVEILLANCE

The main goal of the **SMART SAFETY** vertical is the installation of video-surveillance systems and CCTV (Closed-Circuit Television) to fight against criminal acts or street violence, thus increasing the safety of citizens and critical infrastructures (city hall, hospitals, schools, control centers, water tanks, critical infrastructures, etc.).



It is a versatile solution that can include, based on the needs of clients, not just all kinds of cameras (whether if these are stationary, mobile, dome and recording system) but also video analytics to perform license plate reading, facial recognition, or counting and classification of pedestrians and bicycles, among others.

INTEGRATED SECURITY SYSTEMS

SICE develops the integration of centralization and control software of the different security systems that conform client installations.

Thus, SICE's solution enables the management, monitoring and integrated control of distributed security installations: CCTV surveillance systems, smart video analysis, access control, intruder control, alarm monitoring, fire protection, and protection by means of platform doors.



These tasks are developed by SICE Seguridad, a SICE subsidiary. It is a certified company for the installation and maintenance of security systems, registered at the Spanish Ministry of Interior Affairs, under number 3,338.

SICE Seguridad provides experience in the design, engineering and implementation of technical and customized solutions to cover the real security needs of a transport operation.

CONTROL CENTER

The operative control and coordination center will define the steps or action protocols that should be followed to comply with the provisions of the security regulations.

When an alarm or emergency event were to take place, it will be verified immediately, using one or more of the technical or human procedures established in the regulations, communicating after the real alarms or situations that have taken place to the Law Enforcement Authorities or the First Responders, once these alarms have been confirmed.

