



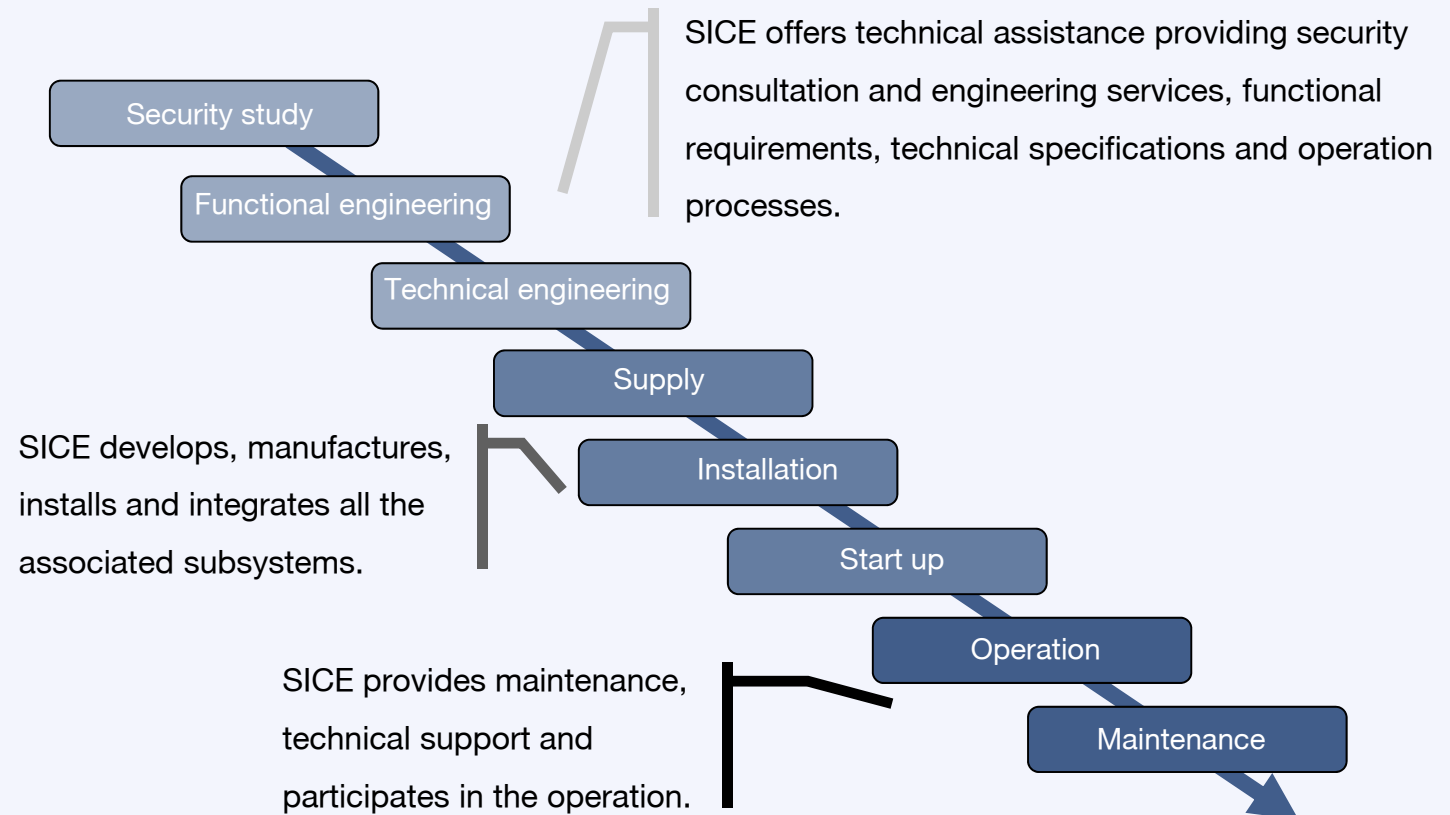
Security

SICE



Cutting edge technology at your service





Engineering, design and project execution



Our work is focused on understanding the current market, with the added value of practical security tailored to the environment.



■ **“SICE SEGURIDAD”**, Sociedad Ibérica de Construcciones Eléctricas de Seguridad S.L.: certified for the installation and maintenance of security and fire protection systems, it is registered in the Home Office, N° 3338.



■ **Seguridad Integral Metropolitana S.A., “SIMETSA”** (CSSS project – Madrid Subway) certified for the installation and maintenance of security and fire protection systems, registered in the Home Office, N° 3278. It was created exclusively to receive by stuff the Metro de Madrid, SA (Madrid ´s Subway) project.



Activities in the security market include:

Engineering, integration, installation and maintenance projects for security electronic systems, with technical solutions tailored to the client's needs.

- High integration capacity.
- Certified products and solutions.
- Practical security solution.
- Project management methodology.
- Capacity of services with specific "service agreements".
- Start-up, configuration and training only by specialized SICE personnel.
- Authorizations and certifications to execute these installations.

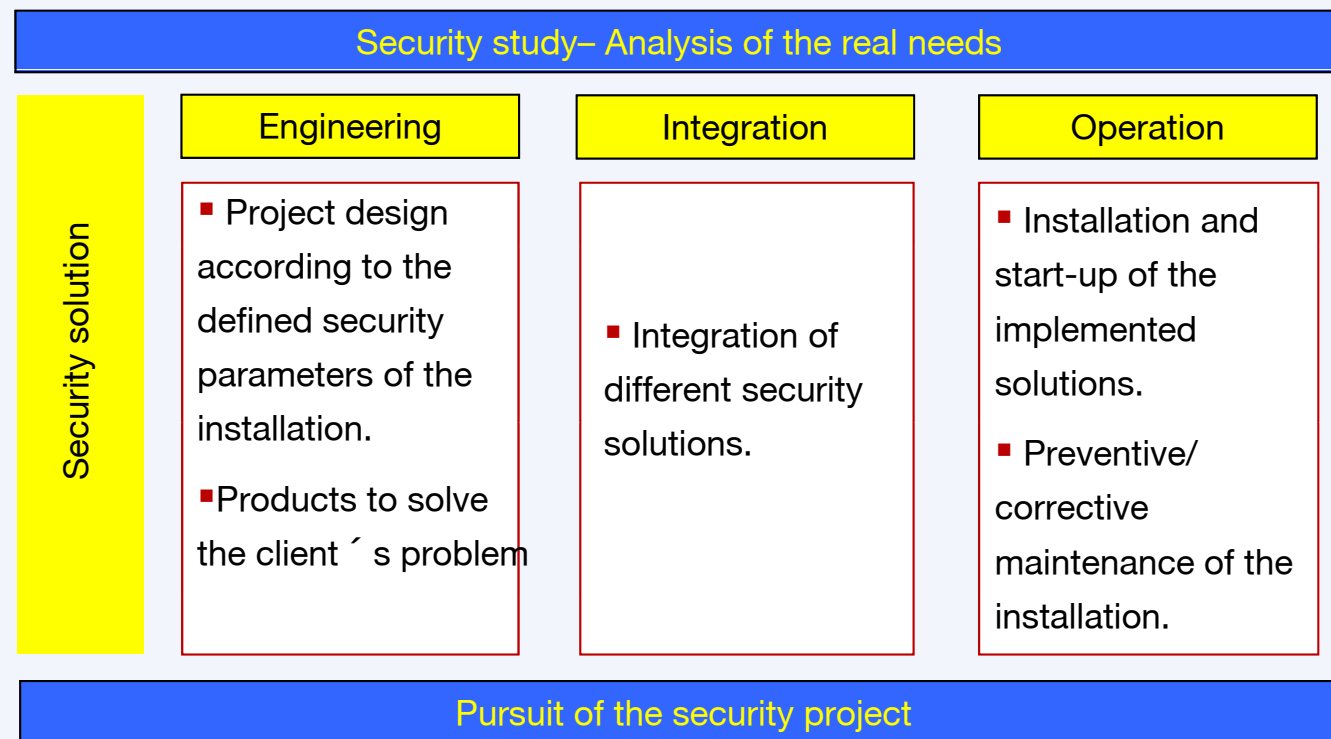
Integrating:

- Vigilance systems by using Closed Circuit Television (CCTV)
- Intruder alert systems
- Access control
- Other systems



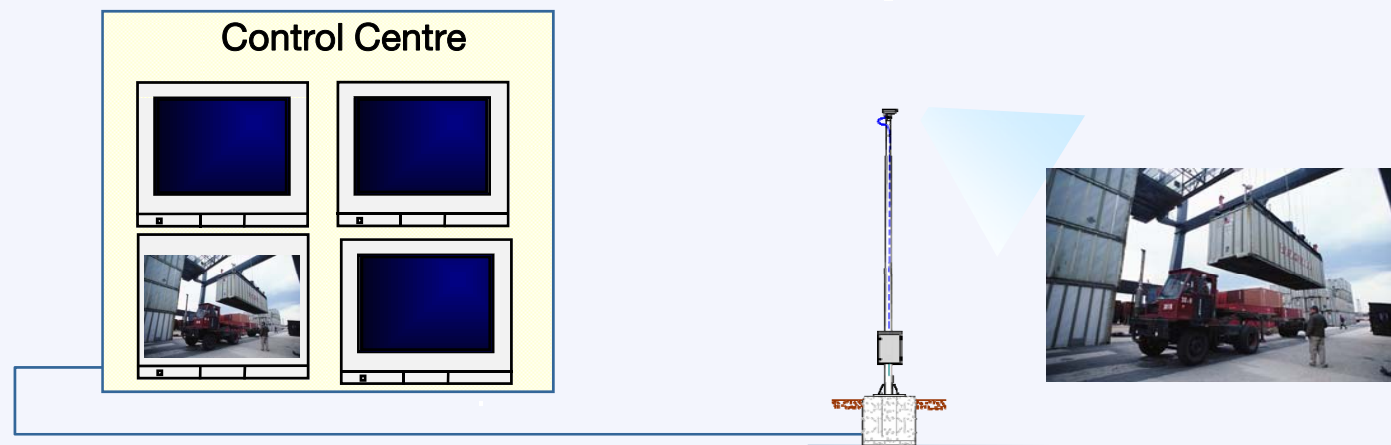
Work methodology

Applying the needs analysis for security and a specific work methodology, we offer a “tailored” service for each one of our clients.



CCTV and monitoring systems

- Perimeter and indoor security
- Security in special buildings, industries, ect.
 - Image capture and treatment
 - Biometric systems based in images
 - Distributed monitoring systems
- Integration with other systems, intruder, access control and installation control, ...



CCTV and monitoring systems

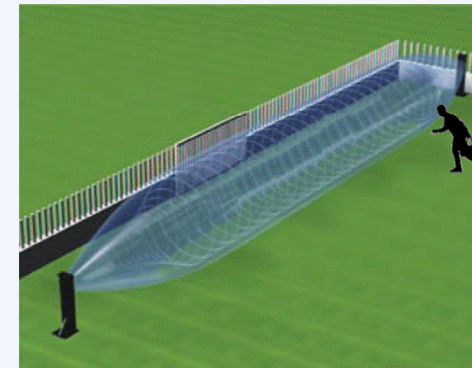
We offer solutions and systems tailored to the clients, selecting the best technology on the market

- Vigilance of areas by using permanent cameras, motorized, domes.
- Standard cameras centralization system: video matrix, multiplexers.
- Video recorders with several connections to several networks, ect.
- Perimeter systems with digital video sensor.
- Motion and objects automatic detection system.
- Video image transmission by using cabling or wireless, public, private or mixed systems.
- Hidden fast dome cameras, recording and analysis in hard disk.
- Bifilar, bicoax, fibre and radio telemetering.
- Digital CCTV under TCP/IP.
- Infrared cameras.
- Digital treatment of the video signal.



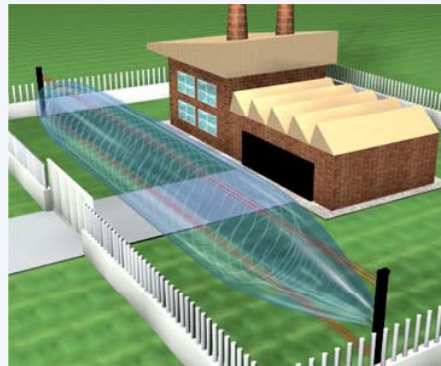
Intruder systems

- Building detection: magnetic sensors, breaking glass sensors, double technology outdoor detectors.
- Perimeter intruder protection: microphone cable attached to the outdoor fence, sensor cable buried between fences, sabotage signal by cutting the cable, infrared sensor barriers.
- CCTV support (integrated).
- Indoor and outdoor intruder detection: presence detectors, infrared and microwaves barriers.



Intruder systems

- Systems with/without alarm transmission to receiver central.
- Systems with/without video image transmission.
- Radio communications system.
- Multiplexed systems.
- Hybrid systems.
- System centralization.



Personal access and presence control

Accesses:

- Access turnstile, flaps.
- Special entrances for reduced mobility people.
- Magnetic or proximity cards control.
- Vehicle plate number recognition systems.

In technical rooms and offices that require special protection:

- Access and presence control by magnetic or proximity cards, with/without keyboard.
- Biometric elements for fingerprint reading system, hand geometry, iris recognition, face recognition, etc.
- Vigilance round control.



Vehicle access control - Solutions

Radio frequency automatic identification solutions.

- Technology: long distance radio frequency access control
- Equipment: RFID readers from Tagmaster and Tags.

License Plate Number Reading

- Technology: number plate reading access control system
- Equipment: number plate readers (stopped and moving vehicle)

Monitoring below the vehicle, integrating the plate number recognition.

- Technology: monitor under the vehicles integrated with the number plate recognition
- Equipment: number plate reader and Secuscan



Vehicle access control - Possible applications

Industry

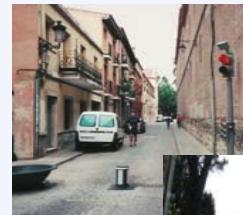
- Technology: wireless data acquisition
- Equipment: Intermec robust PDA terminals in production and stores and WiFi access points
- Equipment: Intermec train terminals for expedition control and WiFi access points
- Technology: wireless data acquisition

Harbours

- Technology: plate number recognition access control
- Equipment: number plate readers
- Harbour container management
- Technology: identify drivers at a distance
- Equipment: RFID readers from TagMaster and HD tags

Pedestrianization urban zones

- Technology: access control by radio frequency at long distances
- Equipment: RFID readers from TagMaster and tags



Complementary security systems

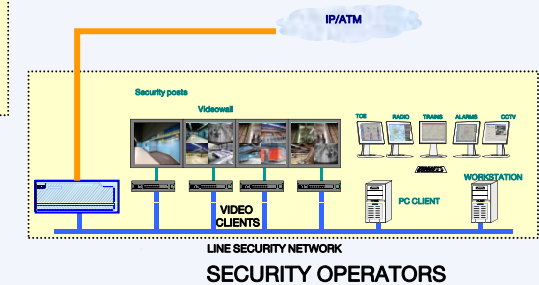
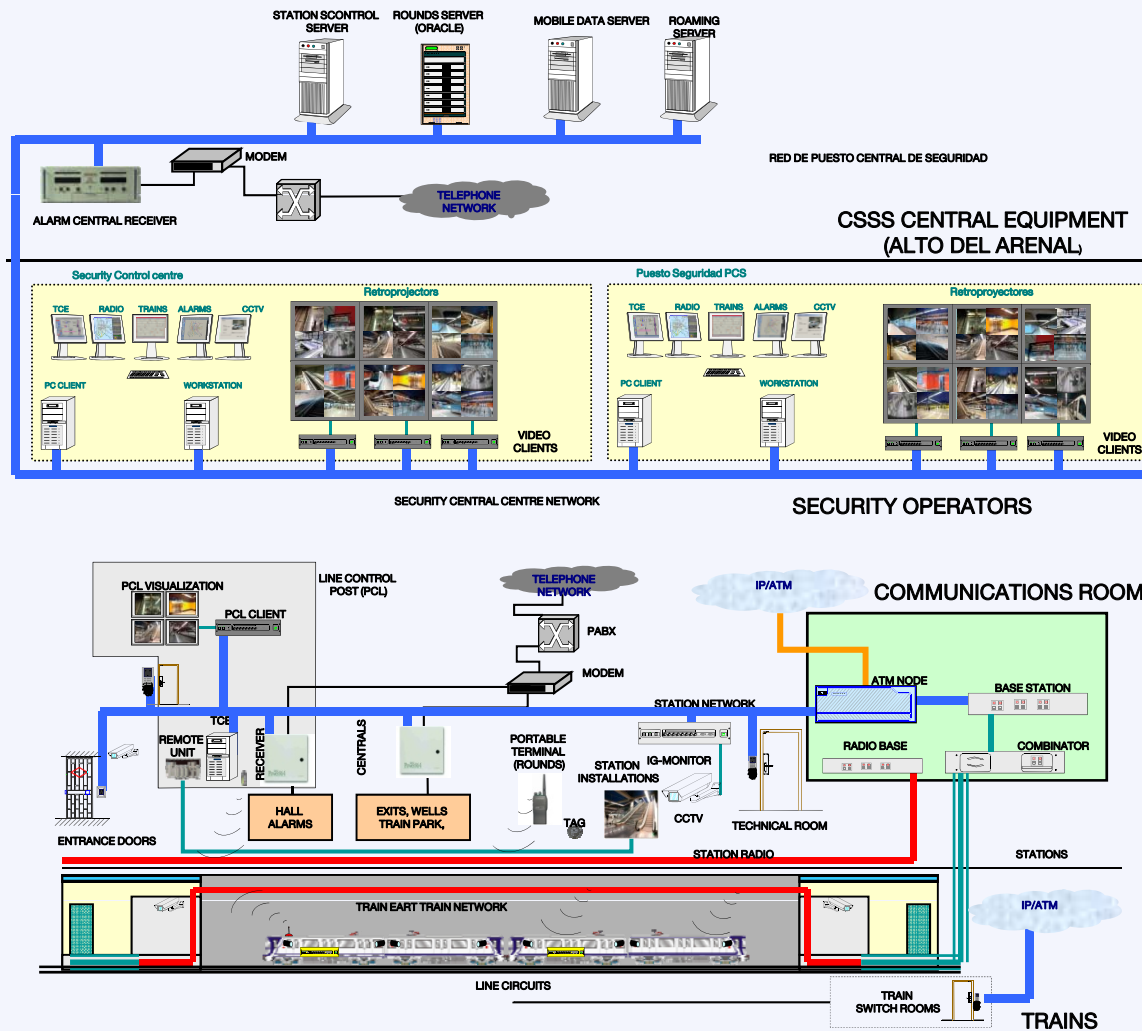
- Automatic barriers
- Turnstiles
- Pole masts
- Magnetic loop detectors
- Photocells
- Video and intercom systems
- Intercommunications systems: Speakers and intercom
- Metal and explosive scanners and detection systems
- Technical signal detection: electrical power cut, humidity, level, pressure, etc
- etc



References

Metro de Madrid (Madrid 's underground)

- Security systems in the Madrid subway network (SIMETSA)





References

SESCAM 

- Installation of security systems in 218 hospitals, it includes CCTV and intruder alert systems connected to the alarm central receiver. Subcontracted by Alerta y Control S.A.

RENFE (SPANISH TRAIN OPERATOR) 

- Maintenance of security installations and Security Centres CECON 24 hours in all the Spanish territory.
- Security system in the RENFE training room at Valencia.

MINISTRY OF THE INTERIOR 

- Control centre for the Ceuta frontier perimeter, subcontracted by Dragados S.A.

MADRID ´S LOCAL POLICE 

- Surveillance CCTV system in several sites

COMPAÑÍA SEVILLANA DE ELECTRICIDAD: 

- Access, presence and visit control system

ADIF 

- Supply of video recording equipment

REAL ´LCÁZAR DE SEVILLA: 

- Access control and ticketing system



References



HIPÓDROMO DE LA ZARZUELA – MADRID (MADRID HORSE RACETRACK)

- Supply and installation of a CCTV surveillance system, access, intruder and intercom system.



ENYSE S.A.

- Supply and installation of CCTV office surveillance system.



COBRA INSTALLATIONS AND SERVICES

- Supply and installation of intruder systems and surveillance rounds
- Communications and control of the tramway
- Access control



OAMI

- Access control and presence system



CYMI S.A..

- Access control and intruder system.



SEMI S.A.:

- Access control, intruder and surveillance rounds



VIMAC S.A.:

- Access control and intruder systems



CRESPO Y BLASCO S.A.:

- Access control and intruder systems



INABENSA S.A.

- Access control and intruder systems



References



REVENGA INGENIEROS S.A.

- Intruder and surveillance rounds.



ELECNOR S.A.

- Intruder and surveillance rounds.



ISOLUX INGENIERÍA S.A.

- Intruder and surveillance rounds.
- Communications and installations control systems.



InfoGLOBAL

INFOGLOBAL S.A.

- Intruder and surveillance rounds



SISTEMAS RADIANTES MOYANO, S.A.

- CCTV surveillance and intruder systems.



VALDELACASA CITY COUNCIL, SALAMANCA

- Security system for the Valdelacasa solar park