

Engineering, Design, Manufacturing,
Installation, Service...

Grupo @integra



@integra



INNOVATIVE SME

Válid until Dec 31st 2018



Management
System
ISO 9001:2008
ISO 14001:2004

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The @integra group

The @integra group (henceforward @integra), was founded at the beginning of 2001 coinciding with the beginning of the 21st century, to offer its services and create innovative products in the field of electronic engineering.

Integra consists of two companies: Integraciones Telecomunicación, Seguridad y Control S.A and Integraciones Técnicas de Seguridad, and the group's activities are the design, production, installation and maintenance of "turnkey systems"

for security, access control, fire protection, industrial control and audiovisuals, especially where the engineering, research and development is a key factor, which has been our philosophy from the beginning. @integra has a staff of professionals (engineers and technicians) with wide experience in, and knowledge of electronics, capable of undertaking complex projects, and able to develop those products that are needed to suit and satisfy the customer needs.

design
manufacturing
engineering

installation

service

The fields of activity are divided into five divisions:



1. @r&d for development of new products
2. @sca for security, CCTV and access control
3. @aic for automation and industrial control
4. @mav for audio visuals and multimedia installations
5. @fps for fire protection systems

1. @r&d for new product development @S4®



The @S4® is a system specifically engineered and designed for application in modern warships to control access to sensitive spaces covering the requirements of marine-grade products. The system has already been installed in some of the most capable modern warships of various navies.

@S4®



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SENSITIVE SPACES SECURING SYSTEM

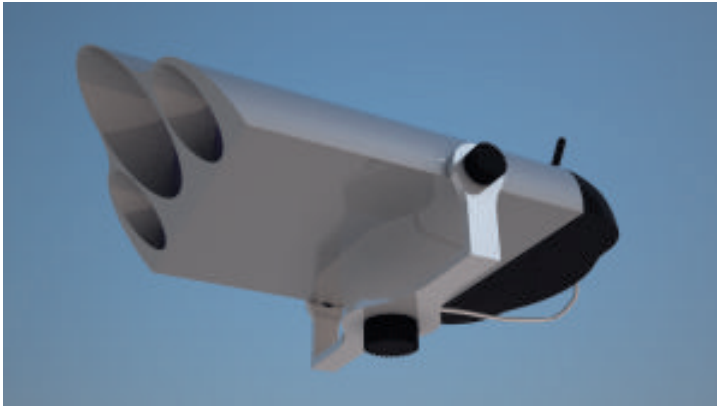


- The widest range of identification means: contactless cards readers, contact card readers, encrypted smart card readers, hand geometry readers, keypads...
- Electromechanical lock designed for a wide range of doors.
- Specially designed for the requirements of modern warships. It has passed the shock test MIL-STD-S-901D.
- Independent or redundant power supplies
- Customisable access control system, based on time and date, location, person and system status.
- Optional software available related to the safety requirements of any ship.



1. @r&d for new product development @w[®]

@w[®]



AUTOMATIC FAST FOREST FIRE DETECTION SYSTEM

@integra group has developed a new product to detect forest fires at a very early stage, when they can easily be put out and the damage to the environment is very low, it is called automatic fast forest fire detection system. The system could also be used to detect the emission of contaminants into the atmosphere.

@w[®] sends an infrared beam over the horizon. If the beam hits an obstruction, it will produce scattered light, and a detector will pick up that scattered light returning to it, and amplify its radiation in three steps (optically, electronically and algorithmically). Each device guarantees the detection of fires up to 8000 hectares (a 3 km. Radius).

@osf[®]



AUTOMATIC FAST FIRE DETECTION SYSTEM FOR OPEN SPACES

When the system picks up any of the scattered light, it re-emits the infrared beam to the same target and performs a detailed analysis of the information received to determine the characteristics of the target (dimensions, density etc.). The software uses algorithms to reduce false alarms and if a real alarm is confirmed, it will send an alarm, together with still pictures or video of the object causing the scattering to the central control, where a human operator will decide on the response.

@id3[®]



DISTANT DUST DETECTOR

The automatic fast fire detection system for industrial states has been designed to be used in open spaces such as industrial estates, where the potential losses are huge due to the proximity of buildings and warehouses and has the same features than the @w[®]. It guarantees the detection of fires up to 2.000 hectares (2.5 km radius), more than enough to cover any industrial estate.

The distant dust detector is a system designed to be used in military exercises and border surveillance, aiming at the detection of columns of dust thrown into the air by the movement of vehicles or large groups of people. It can detect columns of dust at a long distance and its performance is even better during nighttime.

2. @sca for security, CCTV, and access control

The @integra group includes amongst its services the engineering, design, installation and commissioning of security systems, CCTV and access control. The activities are:

- Classic security systems, CCTV and access control according to ministerial order of february 2011
- CCTV, access control and integrated security systems with software for total control.
- Perimeter protection system for industrial areas
- High security systems for police and military areas
- High security systems for military and civilian ships.
- Security systems for museums and art galleries.

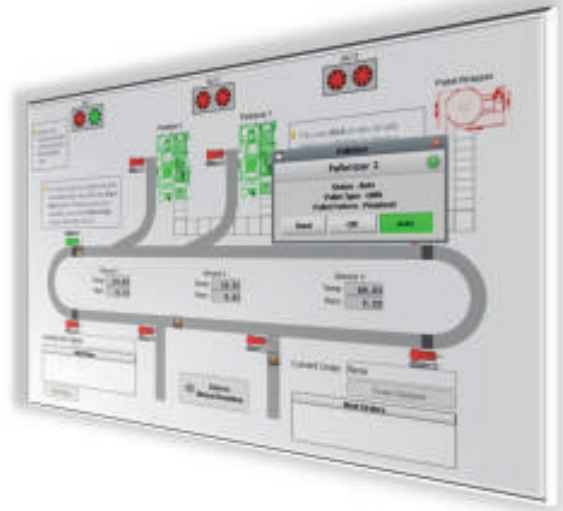


3. @aci for automation and industrial control

@integra has a specialized division for the automation of manufacturing processes, offering the following services:

Studies of manufacturing processes:

- Determination of key points in manufacturing processes
- Selection of physical-chemical parameters to ensure product quality
- Software for total control over warehousing processes
- Interface with other business management software (stores, payroll, sales, orders, warranty complaints, quality control, etc...)
- Process improvements for existing automated processes
- Integration of robots and machines of different types and brands.



4. @mav for multimedia installations and audiovisuals

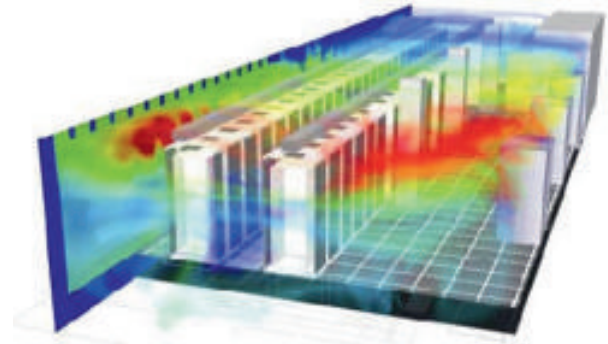
In this line of business @integra focusses on the following activities:



- Engineering design for systems to be implemented in order to meet the requirements of each project.
- TV Walls and multi-screen displays for control rooms.
- Touch screen control systems for video monitoring.
- Automated visual subsystems for museums and cultural centres.
- Projection systems for auditoriums, conference rooms etc..

5. @fps for fire protection systems

The *@integra* group has a vast experience of fire protection engineering. We have carried out projects of varying sizes and complexity in different sectors, which allows us to apply different integrated solutions to meet our customer's requirements. We can offer the design, installation, engineering, and maintenance of any fire protection system complying with the requirements of the European quality standards (UNE, EN, CEA, DIN, CEPREVEN, VdS) and the North American (NFPA).



FIRE PROTECTION ENGINEERING

- Fire risk assessment
- Classic fire protection system
- Performance based design for complex buildings. Assessment of the development of fires.
- Selection of a suitable fire protection model to meet the requirements of customers choosing the best amongst different alternatives after assessment, verification and validation.
- Study of fire protection systems (detection, suppression, containment, ventilation, smoke control, etc.) that best suit each model
- Academic and forensic investigation of fires.
- Storage systems at heights or places with special risks.
- Special protection systems using water mist, water spray, foam, sophisticated fire detection...
- Smoke and heat control systems according to UNE 23585:2004
- Protection systems on escape routes using differential pressure according to UNE EN-12101-6:2006

SOME REFERENCES



Concello de A Coruña



www.integraciones.com



Ministry of Defence - DGAM Registered Company
n. 5537-Sector 5-Level VI

Ministry of Interior - Police Registered Company
n. 3.085

Ministry of Industry - Fire Protection Registered
Company n. RIGA 15021141

NATO Commercial and Governmental Entity
(NCAGE) n. 9663B



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Valid until Dec 31st 2018

Ministry of Industry - Telecommunication Reg.
Company n. 8.551, Categories A, B, C, D and E

TÜV Rheinland Certification:
ISO-9001:2008 n. 9105075098-Q

TÜV Rheinland Certification:
ISO-14001:2004 n. 9105075098-MA

