EN

GPS

STANDARD

Committed to security.

Committed to security

COMPANY & SECURITY

For more than 35 years we have SATISFIED the most DEMANDING clients in Italy and the WORLD

With our experience we can respond to all security requirements, including the most extreme and delicate.
We protect residences, companies, offices, banks, hotels, public buildings, embassies, prisons, airports and stations, stadiums, hospitals, military sites, ports, pipelines, mines, petro-chemical sites, nuclear facilities, electrical and gas distribution sites, roads and infrastructure, villas and museums, archaeological sites, monuments and many more.
We design and manufacture a wide range products that are constantly updated and supported by complete and detailed documentation.
We are different because of the excellence of our proposals, the wide range of alternative technology solutions that are intelligent, integrated and completely customised.
We provide high level technical assistance, available throughout the project up to final hand-over.

Favourable trading terms, impeccable logistic support close to the customer, training courses and qualified technical support both by telephone and *on-site*.

OUR ADDED VALUE
Flexible and technically capable: Excellence in research and development and ad hoc security solutions.

Coverage:
Subsidiaries with technical resources throughout Italy and with representation throughout the world.

Customer care:
IImportant human and economic resources are continuously improved to guarantee the maximum level of customer satisfaction.

References:
We are strategic partners for some of the most delicate and secure security planning at an international level.

COMPANY & SECURITY

We are a LEADER in the SECURITY sector

GPS Standard is a leader in the security sector and is present, with discretion, with our partners, in many important plans for the design of the most sophisticated intrusion and video surveillance systems. Over more than 35 years of activity the company has confirmed this pre-eminent position thanks to constant investment in research, in project activity and in the application of the most sophisticated digital and information technologies.

The beginning
GPS Standard, in 1974, patented the G.P.S. - Ground Perimeter System – a completely invisible perimeter protection system with excellent reliability which resulted in maximum success in Italy and the rest of the World.

A network throughout the world
Today we can guarantee a presence at both a national and an international level. In Italy there are four subsidiaries: Milan, Bari, Palermo and Bologna, plus two associated companies in Verona and in Rome. In the export market there is an associated company in Great Britain, paying particular attention to the English speaking market, while there is a successful commercial office in Beijing, China. In 2009 we have also launched a new company in Turkey, based in Istanbul and one in Algeria to follow the North African market. Throughout the rest of the world we are represented by a network of specialist partners.

The G.P.S. sensor is the heart of the GPS Plus perimeter protection system patented by GPS Standard.

PRODUCTS for any SECURITY REQUIREMENTS

The products offered are many and diverse to meet any security requirements. In addition GPS Standard is an authorised distributor in Italy for the **Samsung** range of Video Surveillance products.

The integration between the various systems is created using the SCS software – system control and supervision – which, using an extremely simple user interface, allows the management different systems such as: intruder, fire, access control and video surveillance.
All of the system parameters are completely customisable, dependent on the specific requirements of a single application.

GPS Standard has subdivided the product range into families, dependent on the type of protection or level of support offered.
The families are: Perimeter, Video, Data, Software, Access and Fire.

PERIMETER

VIDEO

DATA

SOFTWARE

ACCESS

FIRE

VIDEO

Video Systems which allow the capture, storage and transmission of real time digital images, usually synchronised with perimeter systems. Application of Intelligent Image Analysis

DATA

Control units that collect the alarm signals provided by different types of sensor, from perimeter protection systems to any type of sensor, internal and external electronic sirens, electronic power supplies and a wide range of accessories.

PERIMETER

Products for external perimeter protection and systems for the configuration and display which allow the design of customised applications.

SOFTWARE

The SCS application allows the centralisation of all the protection systems and the integration of all field technologies in a single supervision centre.

FIRE

Fire detection systems, conventional and analogue addressable systems, for better protection of all types of commercial and / or public activity, with the highest reliability, speed of response and ease of use.

ACCESS

A line of products for the control and monitoring of access and attendance.

COMPANY & SECURITY

CONSULTANCY and Risk Assessment

We can help you TO DECIDE WHAT protect, HOW to achieve it and TO INTEGRATE all the systems

Risk Assessment
The differing operational and installation requirements, associated with the various shapes and topographic conditions of the site and the differing protection requirements make it essential to perform an accurate risk assessment to determine the type of system to use.

What to protect
There are substantial differences between the perimeter protection of a stately home or historic monument compared to a military or industrial site.

What to detect
It is necessary to identify the type of intrusion that we want to detect.

Reaction time
Even the most sophisticated system will be useless if the response to the alarm is not initiated in a timely fashion.

Cost evaluation
The cost of a security system will depend entirely on the requirements that emerge from the previous considerations. However the cost of no or inadequate protection can certainly be considerable in terms of loss or damage to assets or injury to personnel. The total appraisal of the cost must also take into consideration any savings of staff that the choice will allow and the possibility of relief against insurance premiums that may be available.

Integration
It is also necessary to assess the eventual integration with other services or existing systems, such as closed circuit television systems or security staff.

Excellence
in RESEARCH and DEVELOPMENT

The Research and Development department at GPS Standard is one of the most advanced in the world; every year up to 15% of turnover is invested.
In addition to the products and the internal development, the company collaborates with many prestigious research groups and the best Universities, to guarantee the excellence of the solutions offered.

Development and education projects for young people.
GPS Standard has started various projects for the growth and development of the Company. They involve all the national territory and all of Italian sales. In 2009 a series of special initiatives were inaugurated for higher secondary schools with a technical bias.
The purpose of these is to educate young students in the significance of technology applied to real projects.

Our partners

SAMSUNG

TAMRON

ULTIMAGE

COMPETENCE and Solutions

MUSEUMS and Archaeological Sites

We recommend discrete and, if possible, invisible security systems, which allow the visitors a visit as quite and private as possible, while at the same time protecting the works of art in the most effective way. Our security systems guarantee protection either in closed areas such as the rooms of a museum but also in open areas like open air archaeological sites.
We ensure the supervision of all security systems, from fire, to video surveillance as well as intruder and access control using a simple and intuitive interface.

VILLAS and Castles

Wide and long experience in this sector has lead to the creation of the "Secure Villa" proposal, which comprises the most advanced security system for the protection of Villas, castles and those who live in them.
The design includes:
•an invisible perimeter protection system around the perimeter of the residence with crossing point identification;
•an automatic lighting system for the most sensitive areas, connected to the internal alarm system;
•a video surveillance system with digital video recording
•an infrared perimeter protection system for the public access points.
Our technicians, together with the installers and integrators, study the specific requirements of the client and design a made-to-measure security system .

SHIPS and Yachts

Ship security can be guaranteed with the latest generation video surveillance system.
Each area, using intelligent video analysis, can be monitored in a specific way, ensuring precise support for the security personnel and guaranteeing the security of the passengers.
Products designed by GPS Standard are already used by the biggest cruise fleet in the world, protecting 300,000 passengers per year.

URBAN SECURITY

The requirement for security in urban centres, either areas or specific sites, is growing constantly; video surveillance systems guarantee an important response, providing a data bank of images essential for the re-construction of incidences of anti-social behaviour as well as street crime, while acting as a powerful deterrent against this behaviour.
Using cameras equipped with a "Privacy Zone" function will allow the systems to obey the rules relating to Privacy; We integrate our video surveillance systems with pre-existing integration by the use of an open software platform.
A simple and intuitive "Point&Click" graphical control interface and the use of maps with the layout of the city, with different detail (zoom) levels, guarantee the operators a simple and complete approach to system operation.

SCHOOLS and Universities

The protection of the assets and the security of the personnel can effectively be achieved by the use of integrated intruder and video surveillance systems.
The capability to have unlimited control positions, each of which can have different access rights, guarantees that different responses can be created to single risk situation (internal security personnel, police, etc,).

INDUSTRIAL

All over the world and in particular in areas of greater risk, we protect against sabotage, vandalism and various other forms of attack on industrial sites; we ensure the safety of people in areas of with a high risk of explosion; we monitor industrial process areas.
Our solutions are selected for their reliability particularly in difficult areas and extreme environmental conditions.

COMMERCIAL BUILDINGS

We guarantee an unequivocal answer to the security requirements of commercial Retail centres, ensuring video monitoring, intrusion detection and access control.
We use intelligent image analysis to support the operators, highlighting only real risk situations that they should be concentrating on.
We propose different access control systems which use badge readers as well as PIN and biometric recognition, ensuring the highest level of security.

COMPETENCE

HOTELS & RESORTS

Hotel security is managed using a unique graphical interface which allows non-specialised personnel to immediately understand the complete status of the whole site, coupled with the management of events. This is all thanks to the integration of the various perimeter, intrusion, access control, fire, video surveillance (with video analysis) technologies.
We propose a particularly simple and intuitive graphical interface with the capability to integrate events with a macro, reading the event and able to show the event and suggest appropriate actions to take.

MILITARY SITES

Particularly sensitive sites to which specific problems apply, such as extreme climatic conditions and operating conditions with particularly high risk to personnel safety. All of which requires a very careful risk analysis and a sophisticated design to ensure the correct choice of technology to ensure an effective and reliable system.
Constant changes in personnel with different language, culture and habits, even if well trained, make it important that the management system is simple and intuitive, able to be used immediately to its maximum potential.

PRISONS

Often with insufficient staff, rigid rules, effective escape deterrents. These in essence are the problems within prisons.
We design perimeter protection systems, access control and video surveillance for the communal areas, remote control opening and closing of the access gates and cell doors, automating the daily operations and allowing the security personnel to operate in conditions of complete safety.
The integration of the complete system under a single interface, the creation of customised animation for the gate and door status, immediately informs the staff about the status of the area under surveillance and guarantees the correct management even with staff shortages.
In case of emergency, some operations are automated and the association of pre-set macros to specific events guarantees that procedures are completed with maximum efficiency.

CASINO

The monitoring of the gaming tables and the communal areas, by using the same video technology, has a completely different set of requirements; on one hand it is necessary side to display and record in fine detail, fundamental for post event verification and especially in the case of a dispute, while on the other hand it is very important to identify unusual behaviour to anticipate risk situations.
We design supervision and control systems for these systems with video surveillance equipment that is optimised for this specific use and they are integrated with intruder and access control systems.

COMPETENCE

HOSPITAL and Sanatoriums

These are often made up of different buildings in many different locations. Each building has profoundly different needs according to the way it functions: from monitoring personnel with access rights, to monitoring patients at risk who may not leave particular areas, to monitoring areas that contain dangerous materials, to surveillance of activities in the tree-lined avenues and the common areas of the hospital.
We create scalable systems, which can be implemented over time and which are able to centralise and integrate the various technologies, ensuring a single graphical management interface controlling the different requirements.

BANKS

We design video surveillance and intruder systems for the banking environment for the protection of the common areas, external and internal, and the vault of a single branch, eventually integrating existing equipment and systems. With our geographic centralisation software the events from an unlimited number of branches can be managed in real time.

COMPETENCE

PORTS

Long and extremely irregular perimeters, common areas with transiting passengers at all times of the day, controlled vehicle and pedestrian access points, restricted areas with careful monitoring of the equipment used at the berthing docks. These are the areas that require systems and technology that is particularly versatile and flexible. We propose and design integrated perimeter and intrusion systems, access control systems and video surveillance systems.
The video surveillance systems used include image analysis, which guarantees the detection of objects that are removed or abandoned, number plate recognition or unusual behaviour of a single person or a group of people and the automatic tracking of a target passing across the field of view of a particular camera. In this way the site can be monitored in common, global fashion.

HIGHWAY SAFETY

The safety of roads and highways is obtained above all by information gathered from those same roads. Video surveillance, with integrated image analysis, can detect in real time dangerous situations developing, such as broken down vehicles, accidents, or simply delays due to volume of traffic.
We propose high quality video surveillance equipment, able to capture the best images independent of the atmospheric conditions, by day or night, guaranteeing fast image analysis, which allows the operators to make quick decisions to correct the situation as fast as possible.

STATIONS AND SUBWAYS

Stations and subways are very complex where areas coexist in very reduced common spaces, where thousands of passengers pass through every day, areas for the storage of assets and sensitive equipment, but also areas in which passengers can find themselves in real danger by not paying attention, such as crossing the tracks while a train is approaching.
The most sophisticated integrated technology is required in these areas, such as video surveillance with image analysis for detection of "abnormal" behaviour, control of access points with many access level permissions, including fingerprint verification and face recognition. Fibre optics to identify the presence of individuals in potentially dangerous positions during a particular event, such as the arrival or passage of a train at a station.
We integrate the different technologies in a single system making a common display and man/machine interface, creating a specific access profile that will allow compartmentalisation of the system by areas of competence, guaranteeing the correct information is presented to the appropriate operator, trained to take the appropriate actions for that event.

GEO ENVIRONMENTAL SAFETY

The term security also includes an element of "safety". Our systems are also used to protect against environmental risks. We monitor environmental risks in railway lines, highways, including tunnels and viaducts, and detect landslips or obstacles that could create very dangerous situations. Integrated display systems with a single graphical interface guarantees complete, fast and accurate information in real time for the people responsible for security.

AIRPORTS

Large areas with high risk, due to the presence of passengers, staff and sub-contractors, where it must be possible to detect attacks either on the external perimeter or internal, hidden among the hundreds of people who come and go throughout the common areas all day and night.
We propose integrated intrusion detection for reliable monitoring of the external perimeter, the entrances and the public areas using behavioural analysis. We can detect the presence of unusual behaviour, automatically track and if necessary react in a directed fashion, giving the correct information to the appropriate personnel.
The integration of the systems guarantees a global level of management for airport security systems with a common graphical interface which simplifies the tasks of the people responsible for security. At the same time it gives each responsible agency access only to the information that is relevant to their competence and their operational authorisation.

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First Edition: September 2009
Reprint: January 2012

Printed by: Ivrea Grafica

AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =

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N° doc: BROCHUREUK/02/12 - January 2012