PROJECT

Project Field
SECURITY AND AUTOMATION

Carried out for
TOURISM PROMOTING COMPANY

Requirement
IMPLEMENTATION OF ACCESS CONTROL SYSTEM AT THE SEASIDE

CLIENT PROFILE

CLIENT:
TOURIST AGENCY

SECTOR:
TOURISM

This tourism promoting company has administrated, for more than a century, the main spa and thermal facilities of an important Italian tourist area, also promoting it in Italy, Europe and the entire world.

The company has inherited the function and facilities of the old APT and it now coordinates the promotion and use of the local tourist resources.

Having benefited of a 'century grant' for administrating in a monopoly system the beach and the spas, it has created an organizational and tourism developing model, being able to combine the spas, the cultural and recreational aspects in a unique tourist offer.

Even now, when it no longer operates in a monopoly system, it represents the main promoter and administrator of all the activities related with the tourism of the area.

ZUCCHETTI
SOFTWARE & ICT SOLUTIONS

REQUIREMENT

The client has assumed the ambitious objective of implementing a centralized system capable of responding to various demands: from those related to the necessity of constantly monitoring the tourist flow in various seaside areas, to the access control related either to the tourist security or to the protection/ preservation of the region and, finally, to a complete system of reservations, sales and payment of tourist service management. In an area extended on 2700 meters of beach (with approximately 4000 beach umbrellas), it is very important to have an advanced reservation and access control system for the efficient management of the tourist facilities and of the beach.

ACHIEVED PROJECT

The achieved project has a high level of complexity that has required the integration of many hardware components (turnstiles, motorized card reader terminals, RFID cards etc.) and specific software applications for the management of a total of 30.000 subscribers and associates, 7.000 daily frequencies and 70.000 RFID badges.

Advanced technologies, badges and personal bracelets for entering and exiting freely from the spa facilities, new services of booking via WEB directly from home, high levels of organization, efficient tools for company management control represent the results obtained by the client thanks to the accomplished project.

HARDWARE

The project assumed the installation of 12 tripod turnstiles and 6 bar turnstiles with the appropriate RFID reader in order to allow any type of visitors (associates, subscribers and occasional visitors) to access various areas by badge. The client approaches the badge and the system verifies that the necessary credentials are matched in order to access the service (date, hour, type of service purchased etc.).

For the management of the water park in the area, the client has chosen to use the turnstile system, not only for entrance control, but for visitor exits as well.

In this way, if the purchase of additional services is not matched to the badge, it is possible to automatically retreat the badges with important advantages, such as: reusing them or preventing possible frauds to the detriment of the client.

An ulterior advantage obtained by the system, consists in the possibility to verify with precision and in real time the number of the persons present in each facility.

SOFTWARE

A Client/Server application has been installed created especially for complete tourist facilities management: sport centers, Wellness, Fitness, SPA (Salus Per Aquam), beaches, recreational clubs etc.

It deals with an independent data base system that permits to select the most relevant data base, depending on amount and management complexity, to use a multilingual solution that guarantees the necessary international and multi-company market opening for the management of more facilities.

In particular, the project created for the client has assumed the installation of specific modules for the management of:

Booking. Is a powerful automatic search engine that instantly and in a centralized way reserves, in a 'booking center', facilities and services through automatic vacancy management, depending on the preset plans and ideas of the Tourist Promotion Company;

Access Control. Is the module for access control to facilities, areas or locations for authorized users only, constantly monitoring personnel flow. The control software permits schedule and entrance rules settings, allowing the management of complex problems.

Client Identification. Is a user identification and tracing system, with radio frequency technology, by means of transponder.

In other words, it is a kind of personal 'telepass' that allows the interaction with the visitor/guest/user any time it is necessary to access the system, in order to enter, be identified, make reservations, payments (with or without badge) etc.

Cash Desk. Is a module for managing any type of payment systems: account debit, prepayment by personal badge, tour operator or private company agreements, receipt sending, E/account holding, balance reports, detailed cash desk reports, accounts and deposit management, receipts, cash cancellation management etc.

The system in its whole, through its 36 cash desk locations and 5 administration ones, is capable of managing, in a simple, rapid and efficient way, bookings, payments through fiscal invoices and management of client accesses to all services offered on the coast.

Furthermore, a wide range of reports allows the management to have an easy control of client flow, of takings and bookings, to make estimations about presences, system charge simulations, sales statistics that are updated in real time for a better use of resources and workers, in order to always supply excellent service.

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