PROJECT

Project area
SECURITY AND AUTOMATION

Made for
PALLAS THEATRE ATHENS

Requirement
AUDIENCE ACCESS CONTROL SYSTEM
INTEGRATED WITH TICKETING SYSTEM

CLIENT PROFILE

CLIENT:
PALLAS THEATRE

SECTOR:
CULTURE

The prestigious **Pallas Theatre** is one of the most important and famous buildings in Greece as far as the organization of performances and concerts are concerned. With a capacity of 1,500 seats, the theatre is acknowledged for the extensive schedule of performances which alternate during the opening season. The Pallas Theatre, located in a strategic area of the Greek capital, close to the historical centre and to the Acropolis, represents an important reference point for Athens cultural life.

REQUIREMENT

The requirement of Pallas Theatre was to equip itself with adequate tools in order to effectively manage the constant and conspicuous flow of spectators who access the building in order to attend the scheduled shows.

In particular, there was the need for equipments that would respond to modern security standards and which would also adapt to the aesthetics standards of the building. Finally, considering the variety of the shows presented,

it was necessary to define in a clear and automated manner the classification of the specific types of tickets and subscriptions, in order to meet the requirements of the audience in the best way possible.

ACCOMPLISHED PROJECT

After a careful evaluation of the requirements, the Customer has found in **Zucchetti**, thanks to the quality of its software and hardware solutions, and in TicketHour, the Greek company specialized in on-line ticketing management solutions, the ideal technological partners for the accomplishment of their renewal project. In fact, the entrance automation system was made possible by the perfect integration of TicketHour ticketing platform with Zucchetti access control hardware and software systems: once the entrance pass (ticket or subscription) is purchased, the system registers the access credentials of the spectator, ensuring entrance only to persons with a valid pass.

HARDWARE In order to register entrances and exits of spectators, specific readers, reading terminals equipped with Barcode readers, as well as RFID 13,56 Mhz multi-standard reader **have**

been developed. They are also equipped with a display which shows the validity of the pass, the total number of spectators and other relevant data.

With a special elegance and design, the terminals, due to a platform that supports them, are able to better adapt to the structure: in fact, the wiring is non-invasive in respect of the existing structure.

Therefore, the system installation process is quick, simple and affordable.

Moreover, aiming to manage at its best the larger audience flows, the staff is equipped with **WIFI palmtops** (Wireless Fidelity), equipped with barcode scanner and RFID reader.

SOFTWARE In order to allow access to the audience, according to the different types of issued passes (weekly subscriptions, single entrance, etc.) and provide them with complete and updated infor-

mation on the validity and status of the use of passes, palmtops and reading terminals are connected to Zucchetti Access Control software.

This application, configured in ON-line mode, allows the real-time management of all the access policies defined in conjunction with the ticketing system, the information regarding the capacity of the structure and the registration of the transit data of each ticket or subscription.

Two 21" LCD screens situated in the box office and a 42" LCD screen at the theatre entrance allow the audience and the operators to view the number of seats still available inside the theatre.

Due to a careful analysis of the structure of the theatre, it was also possible to adapt the screen graphics to the environment, in compliance with the specific requirements of the Customer.

TYPE OF TICKET

In order to better satisfy the need of the Customer to use a system that is flexible and adaptable to different types of shows and events, the following types of tickets/subscriptions have been defined:

• daily ticket: referring to a specific day and valid for entrances from 6.00 pm to midnight, time span during which the spectator can freely enter and exit the theatre.

• reduced daily ticket: valid for entrances between 6.00 pm to 7.00 pm and 11.00 pm to midnight. The ticket is issued on paper and printed with bar code.

• weekly ticket: consisting of a MIFARE RFID card, the ticket allows the audience to attend performances for a total of 6 hours per week. The card allows the spectator to register his entrances/exits in/out of the theatre. The spectator can also use the card in order to register guests who accompany him/her at the theatre: the control system allows the automatic decrease of the presence time for both the spectator and his guest with a single card used for the access.

The integration of a software and hardware Access Control system with a specialized ticketing platform has allowed an improved and more efficient audience flow management, the impact on the financial situation was completely positive, both in terms of reducing the costs of ticketing and entrances management and in terms of image of the theatre itself.

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