

# SANI DUNES

## Private and stylish

SANI  
RESORT



### CHALLENGE

Development and commissioning of central building automation system BMS of **Sani Dunes** and **Sani Club**

### SOLUTION

- BMS: Siemens Desigo System
- Desigo CC management station
- Desigo PX Automation stations

### RESULT

We completed both projects in just 2 months after the assignment

### PROJECT DESCRIPTION

SANI RESORT. An idea conceived in 1962, turned to legendary hotel in 1970 and evolved step by step to a luxury resort that epitomizes the importance of vision and hard work for the tourism sector in Greece. A family-owned ecological reserve stretching across 1,000 acres, in the Kassandra peninsula.

The latest addition to the resort is **Sani Dunes**, a grown-up retreat with 136 rooms with unique contemporary style and everything needed for a very memorable stay.

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*“**Sani Dunes** was made to meet the needs of a sophisticated audience that wishes to relax in adults friendly hotels” ([www.thehoteltrotter.com](http://www.thehoteltrotter.com))*

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AS Automation System Hellas, after installing the Sani Club BMS, undertook the development and commissioning of the central building automation system for **Sani Dunes**, on behalf of the construction company AKTOR S.A.



The central automation system controls among other ventilation and air-conditioning, decentralized hot water system for the heated pools (the biggest open air heated pool in Europe), outdoor lighting, electricity consumption, vital system indicators, as well as internal pool and Wet Spa Area conditions.



## TECHNICAL SOLUTION

Our automation solutions evolved around Siemens Desigo System, one of the most complete and efficient BMS systems in the world! The important advantages relate mainly to the communication protocol that allows the integration of different systems and devices. Its expandability makes Desigo an excellent investment for many years!

The system components for **Sani Dunes** were:

- Desigo CC management station
- 13 Desigo PX Automation stations on BACnet/IP
- 700 Physical data points
- 2000 BACnet Objects

Desigo CC provides an easy and efficient approach to operate, monitor, supervise, optimize and manage the facility. It reduces maintenance costs over the entire life cycle and enhances the ROI (Return On Investment).



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*“AS Automation System Hellas completed the installation of the central building automation system BMS of the **Sani Dunes** in just one month from the assignment of the project!”*

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## IMPACT OF THE PROJECT



Tourism is the main driver of the Greek economy, contributing over 18 billion to the GDP. For each **€1.0 of tourism revenue**, another **€1.20 to €1.65 of additional economic activity** is generated. As a result, for each €1.0 of tourism income, the country's GDP increases by €2.20 to €2.65, meaning that tourism is a sector with a great dispersion

of benefits in the economy (The contribution of Tourism to the Greek economy in 2015 - *2nd edition - January 2017, SETE*).

SANI RESORT is one of the most important contributors of the sector and definitely the most important in Northern Greece. The capital investment for **Sani Dunes** was 25 million euros (creating more than 220 new jobs), and for the renovation of Sani Club was 13 million euros.

**Sani Dunes** guests will feel pampered in this exceptional hideaway. They will enjoy the immaculate services of the well trained personnel, and their stay will be safe and comfortable. At the same time, SANI RESORT technical directors will control and manage their facilities with ease and flexibility, being able to optimize the performance of the buildings for many years to come.