



CASE STUDY

Porto Heli Luxury Estate, Greece

2024

Gentse Baan 66/ 204 - 9100
Sint-Niklaas, Belgium



ABOUT

Application Type: Residential

Location: Greece

PROJECT PLAYERS

System Integrator: Intelspes

PROJECT CHALLENGE

Porto Heli Luxury Estate is an exquisite vacation residence located in southern Greece, on the coast of Porto Heli, designed by Fermanoglou Architects & Associates. This project captivates with its advanced technology, classic architecture, and personalized interior design, showcasing a perfect blend of state-of-the-art technology, eco-friendly features, and luxurious aesthetics. Set on a 4,000 sqm plot that curves along the coastline, this 1,500 sqm dwelling offers stunning views of the Argolic Gulf and the historically significant island of Spetses. This three-floor property is designed to meet the owners' needs throughout the year, thanks to its thoughtful design and incorporated technology.

THE SOLUTION

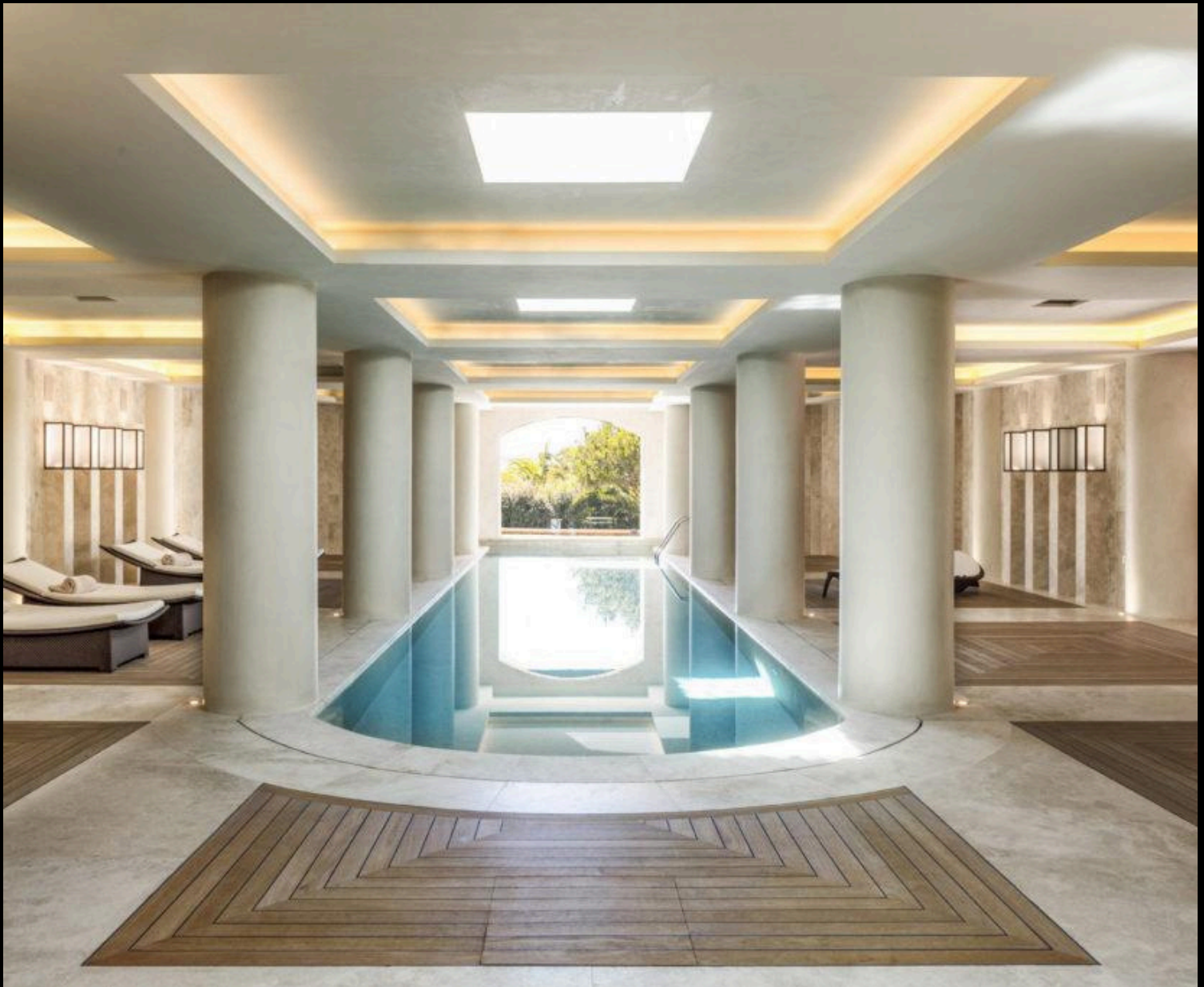
For a project of this scale and complexity, a solution was developed to offer the owners ease of use, convenience, and safety at home, paired with cutting-edge technology. This led to the implementation of high-performance, energy-efficient solutions from Legrand, outfitting the mansion with the latest smart home technology through the integration of various systems for a seamless and convenient lifestyle.

The advanced home automation system manages indoor and outdoor lighting—including architectural lighting using DALI—shutters, temperature, HVAC, alarm, security, and entertainment. During the day, lights remain off, while at night, they are activated. Outdoor architectural lighting is controlled based on data from the astronomical clock, and stairs and garden pathways are illuminated via motion sensors.



A key energy efficiency feature for this vacation residence is maximum energy conservation when the villa is unoccupied, activated by a sophisticated algorithm and a sensor automation system that detects the owners' absence. The multizone music system, spanning 12 zones, delivers impeccable, crystal-clear sound to the owners and their guests. A 12-seat dedicated indoor home cinema with 4K, 3D, and Dolby Atmos capabilities, along with the outdoor cinema and playrooms for both kids and adults, form the core of entertainment.

Amenities such as a gym, indoor pool, spa, massage room, and hammam are fully equipped with automation systems to create the most relaxing atmosphere. Owners can manage these features through their iPhone or iPad, as well as through touch panels placed at various spots within the villa. By seamlessly integrating aesthetics with technological solutions, Vantage user interfaces like Vantage RP Touch Keypads offer the owners the ability to control all property functions effortlessly, with the touch of a button.



PROJECT BENEFITS

- A robust design driven by aesthetic excellence, crafted by top professionals
- Implementation of a smart, high energy-efficient villa
- Ease of control for the owners
- The key feature of remote distance support

PRODUCTS INSTALLED

- Vantage Infusion Controllers II (3)
- Vantage dimmers (100)
- Vantage relay stations (30)
- Vantage lighting relay stations (25)
- DALI 2.0 gateway (1)
- Vantage contact input station (6)
- Vantage RP Touch keypads (50)
- Vantage motion & lighting sensors (65)
- HVAC interface for Daikin VRV integration
- Shutters, mosquito screens, shades (curtains, romans, rollers, black outs)
- Projection screens & lifts integration
- Integration with 3rd party visualization brand (RTI)



Are you looking for a solution to elevate your project with Legrand? Don't hesitate to contact us! Our experts team is here to support you every step of the way and provide comprehensive solutions tailored to meet the unique needs of your project!