COSTER

Teatro Nuovo Giovanni da Udine

UDINE
Friuli - Venezia Giulia

The Teatro Nuovo Giovanni da Udine is the largest theatre in the city of Udine.

Named after the famous artist Giovanni da Udine, the building, designed by engineer Giuliano Parmegiani and architect Lorenzo Giacomuzzi Moore, was inaugurated on 18 October 1997.

In addition to the stalls, the theatre has three galleries and seats 1230.

THE PROJECT

The supervision/control system covers the entire installation, linking the generation and utilisation of energy to the actual needs of the facility by means of temperature probes placed in the various sectors.

The new generation WEBGARAGE system allows the generation and operation of all the terminals to be controlled.
Energy production from various sources is regulated and managed by the system in order to maximise energy efficiency.

Controlling the turning on of generators, the status of components, any alarms coming from the field and the achievement of set-points is the focus of the control system, allowing the operator to verify the operation of the plants in real time.
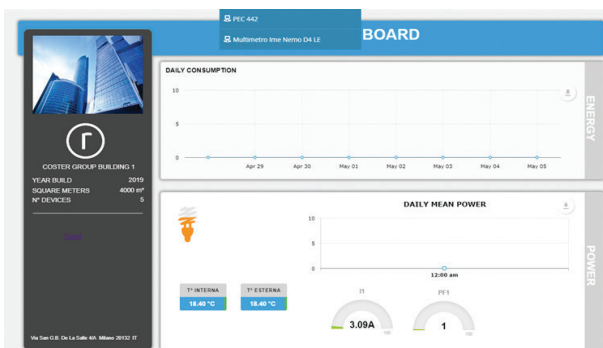
THE METHOD

- WEBGARAGE management software
- Heat generator
- Post heating coils

- Heat pump
- Air handling units
- Pumps

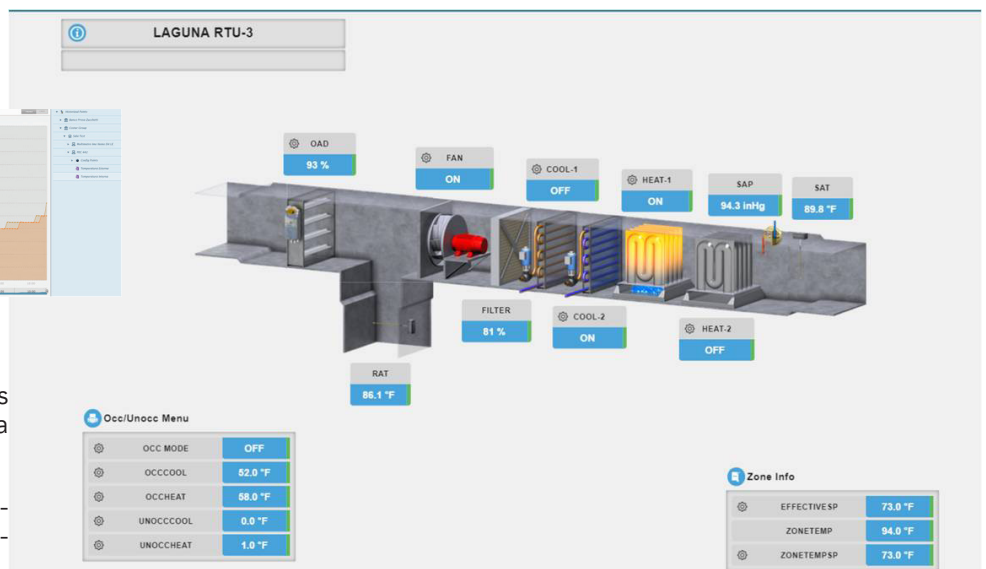- Fan convectors
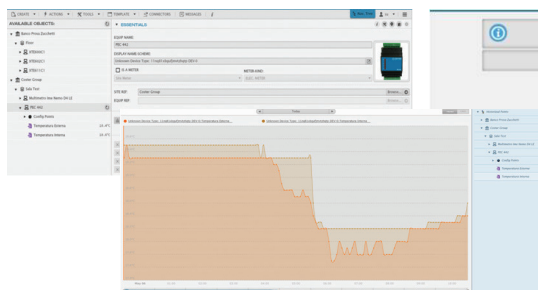- Temperature sensors
- Air quality sensors

WEBGARAGE

The Web-based supervision platform for Building Controls, Building Automation and Energy Management systems allows building maintenance to be designed, implemented and managed with a focus on energy saving, creating an out-and-out 'ECOsystem' of products and services.

- Same platform for both Monitoring and Supervision of control system.

- Tree structure system and graphics can be customised according to visualisation requirements.

- Data logging in a non-relational database (possible interfacing and interaction with SQL) .

- Advanced system synoptics

- Easy connection with variables from the field and integration via standard protocols

- Simple navigation between systems and component management via tags.