"Les Ateliers Gaîté"

the new heart of the Montparnasse district

The Montparnasse district is a major business and residential center in Paris. Particularly well connected by public transportation, more than 8,000 people work there daily.

Within the framework of the current redevelopment of the district, the Panorama E2 SCADA solution coupled with native BACnet communications is the technology option for developing the BMS for a large number of buildings, including the newly redesigned island known as "Les Ateliers Gaîté".

The metamorphosis underway in this neighborhood represents one of the most ambitious urban development projects in the French capital.

Why a Panorama SCADA?

Recognized for its flexibility, the Panorama E2 SCADA solution has been chosen for this major project, which includes a new library, refurbishment of the Pullman Hotel and its congress center, parking lot, and retail and business spaces. Reflecting the ambitions of a **Smart City**, it is above all a living space that will cater to all uses.

Project owner Unibail Rodamco Westfield selected APILOG Automation for its know-how in the BMS field.

LES ATELIERS Gaîtē

Key figures

- **Pullman hotel :**
    - **2nd largest Parisian hotel**
    - **957 rooms**
- **12.000m² of office space / 6 floors**
- **27.770m² GLA shopping center de centre de shopping**
- **1500 parking bays**
- **62 housing units**

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BACnet inside

Today, having become a de facto international standard for BMS professionals, Unibail Rodamco Westfield is turning to the open communication protocol BACnet, which **enables unified data communication** between HVAC, lighting, access control and fire safety systems etc. It allows for substantially more data collection than conventional protocols on the market.

Moreover, BACnet and Panorama E2 have many points in common: object programming, openness, interoperability, etc. The choice of this protocol is very suitable for scalable and highly extendable projects such as "Les Ateliers Gaîté".

Interoperability and scalability

Second to none in terms of interoperability, Panorama E2 was selected in part because it is **simple to interface with third-party systems** such as Quantaflow, designed for metering visitor flows and analyzing footfall, and Oracle Hospitality, a personalized service and loyalty application used in the hotel industry.

The option to incorporate **a library of standardized and secure** objects also facilitates the development of a scalable application base. It will be able to adapt to the future needs of operators and will guarantee that views are consistent and attractively designed to meet the current challenges of **application ergonomics**.

Energy performance

The office building is designed for HQE™ and BREEAM® dual certification. The commercial spaces are low energy and are themselves to be BREEAM® certified.

It therefore stands to reason that a Hypervision solution is being considered by the client, to enable all the information from the 4 management lots to be collected in the system for post-analysis of operating data and to devise ways of further **reducing energy consumption** while improving the **performance of the buildings.**

The redevelopment project should be completed in 2020…

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