

BIM for operation

The missing link between the
BIM repository and the
SCADA System

BIM model data is mainly used during the design and construction phases, but **rarely managed** during operations. Yet it has **considerable potential** for more efficient SCADA applications and better infrastructure management.

As an expert in SCADA, CODRA has the technical capacity to **retrieve field data** from PLCs using its Panorama platform. By combining this data with BIM data, building managers can anticipate needs and **optimise the overall performance of the monitored buildings**.

Using all the potential of BIM to manage your facilities

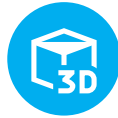
- 1 Easier design of SCADA applications
- 2 Optimise the management of your facilities
- 3 Get a clearer picture of your infrastructure
- 4 Enhance the value of your buildings throughout their lifecycle

BIM for operation



Integration of IFC files

- Recovering BIM Objects classifications and hierarchies through the Global-ID
- Dynamic link between BIM Objects and Panorama component
- 3D viewer embedded
- Use / combination of simultaneous BIM models



Graphical interactions

- Plans and objects: Native and dynamic convergence between BIM model and SCADA
- 3D spatial representation: combined with the operational functions of BMS / FM / SCADA
- A 3D viewer available into a SCADA application



Functional interactions

- Control of display styles (colours rendering, opacity, etc)
- Selection of objects with filtering on type
- Interaction with the native SCADA functions

Integration of the BIM repository in a BMS/FM

