



BUSINESS CASE



## Smart Cities & Mobility

### Critical Hospital Automation Solution with Modular and Integrated Architecture

Implemented in: Chile

#### Challenge:

Implement a robust BMS that integrates critical hospital systems, ensuring continuous operation, redundancy, and high safety standards in clinical environments.

#### Solution:

- Implementation of a Building Management System (BMS), integrating HVAC, lighting, energy, and fire detection systems.
- Deployment of control infrastructure and structured cabling for comprehensive system operation.
- Project executed within a 24-month timeline with a dedicated specialized technical team.

## Benefits:



Comprehensive integration of **critical hospital systems**.



Reduction in energy consumption and **enablement of predictive maintenance**.



High operational reliability and **scalability**.



Centralized platform with **advanced control logic**.



Support for complex clinical environments with **high service density**.

*Tags: BMS; Hospital Automation; Critical Infrastructure; Public Health; 24/7 Operation.*