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BUSINESS CASE

Smart Cities & Mobility



Intelligent Thermal Control Solution for Access to the Public Healthcare Network

Implemented in: Chile

Challenge:

Implement an intelligent body temperature measurement system at hospital access points, with minimal visual interference and efficient operation capability in high-traffic environments, even within pre-existing infrastructure.

Solution:

Instant temperature measurement without interrupting the flow of people.
Automatic recording of faces, timestamps, and thermal data.
Integration with existing infrastructure with centralized management for operational security.

Benefits:

■ Contactless thermal measurement **without interrupting the flow of people.**

■ Digital records for audits and **security analysis.**

■ Cost optimization through access control and **preventive detection.**

■ Technological integration in buildings with **existing infrastructure.**

■ Improved operational efficiency in **healthcare facilities.**

Tags: Public Health; Thermal Control; Biosafety; Access Monitoring Centers; Hospital Infrastructure; Operational Automation.