



BUSINESS CASE



## Smart Cities & Mobility

### Intelligent Environmental Monitoring Center Solution for Public Schools

Implemented in: Argentina

#### Challenge:

Leverage the existing connectivity network in schools and educational institutions to implement intelligent environmental sensors, enabling real-time alerts, dashboard visualization, and preventive data-driven management.

#### Solution:

- Cloud-based system with sensors for CO<sub>2</sub>, temperature, humidity, and atmospheric pressure.
- Historical and real-time analysis with alerts sent to mobile devices.
- Centralized management through a digital platform.

## Benefits:

Continuous monitoring centers for **environmental quality**.

Interactive dashboards with **maps and histories**.

Automatic alerts for health and **operational risks**.

Energy savings and **improved resource usage**.

Simple and **scalable deployment**.

Direct support for **public school management**.

*Tags: IoT; Environmental Monitoring Centers; Sensors; Air Quality; Public Schools; Smart City; Dashboards.*