

PRODUCT SHEET

# XSide Gate

Control, monitoring and automation for any plant.



XSide Gate brings your plant onto a single remote dashboard: you operate the functions, see the status of motors, pumps, sensors and actuators, schedule automations and receive the alarms that matter. It adapts to any machine or process – new or existing – and, where needed, runs the plant on its own thanks to soft PLCs. The gateway to your plant's automation, remotely.

## WHAT IT DOES

From observing to controlling, on a single dashboard

### Remote control and monitoring

Operate the plant's functions and see in real time the status of motors, pumps, sensors and actuators, from a single dashboard – inside and outside the facility.

### Full management with soft PLCs

XSide Gate doesn't just observe: it runs the automation logic right on board, with soft PLCs that can be installed or run on embedded PLCs. The plant is managed, not just monitored.

### Industrial and IoT protocols

It speaks every machine's language: legacy and modern industrial protocols – Modbus, Siemens, Ethernet/IP and more – and Industrial IoT with MQTT. Ready-made libraries for every kind of application and Python development tools make every integration fast and tailored.

### Automations and scheduling

The built-in scheduler handles cycles and automatic operations: start-ups, sequences and time slots. Set it once and the plant runs on its own, unattended.

### Adapts to any plant

Any machine or process: XSide's edge gathers and translates data from the most diverse devices and brings it to the dashboard in a readable way.

### Alarms and role-based access

Filtered alerts and notifications on what matters; role-based access (operator or technician), with every action logged.

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## Data collection and predictive analysis

With the Blackbox module you record the plant's full history and enable data collection, predictive maintenance, traceability and analysis: everything you need to anticipate failures.

## A.I. module and advanced computing

An Artificial Intelligence module for the smart management of machines and for advanced computations – statistical and mathematical – that the PLC alone cannot perform.

## FOR EVERY PLANT

New or existing, local or remote, always secure

## New plants

Native integration with the plant's controllers: dashboard, controls and automations ready from day one, tailored to the process.

## Industry 4.0 and 5.0 compliance

A software module that makes your machines compliant with Industry 4.0 and 5.0 requirements – interconnection, data collection and exchange – enabling the criteria required for incentives.

## Retrofit

You bring control, monitoring and automation to already-installed machines, without replacing the plant or stopping production for long. Automation reaches the existing machine fleet too.

# Your plant's automation, remotely.