



AIREZ PLANT360™ — MANUFACTURING & INDUSTRIAL

# One plant. One operational picture.

Every signal your plant already produces — unified into a single layer of Physical Intelligence.

Today, plant truth is fragmented. Safety has a dashboard. Security has a dashboard. Environmental has a dashboard. Maintenance has a dashboard. PLANT360 replaces them with one.

PLANT360 connects the sensors, cameras, and systems you already own — across 85+ compatible sensor types — and fuses their signals into contextual awareness. Instead of isolated alarms, your teams see developing situations: what is changing, where, and what it may mean.

## PREDICTIVE MAINTENANCE —

- ✓ Vibration increasing
- ✓ Motor current rising
- ✓ Bearing temperature climbing
- ✓ Acoustic signature changing



### POTENTIAL EQUIPMENT DEGRADATION

Maintenance is notified before failure, with the full signal history.

## PERSONNEL SAFETY —

- ✓ H<sub>2</sub>S detected
- ✓ Airflow context from ATLAS/SENSE
- ✓ Camera confirms personnel presence



### POTENTIAL PERSONNEL EXPOSURE EVENT

The right people are alerted immediately, with location and context.

**Sense. Correlate. Understand. Alert. Inform.**

## 85+ sensor types. One intelligence layer.

Vibration, temperature, pressure, gas, VOC, methane, H<sub>2</sub>S, ammonia, flow, current, power, torque, speed, position, acoustics, fire, smoke, worker activity, PPE, access control, vehicle and forklift movement — PLANT360 treats the infrastructure you already own as one connected sensing fabric.



**Predictive Maintenance**  
multi-signal degradation trends before failure



**Personnel Safety**  
gas, PPE, and presence context in one picture



**Environmental Monitoring**  
air quality, VOC, and emissions awareness



**Security & Access**  
access control and zone activity in context



**Operations Awareness**  
vehicle, forklift, and line activity correlated



**Unified Command View**  
one operational picture for every team

**Sense → Correlate → Understand → Alert → Notify Human Teams**

PLANT360 informs and orients your people. Decisions and response remain with your teams.

Compatible with the sensors, cameras, and systems already deployed in your plant.

**Physical Intelligence by AIREZ.**

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