

the specialist you can't station next to every machine — now it watches your whole plant, **24/7.**

AstreaIoT watches your motors, your compressed air, your energy and your process —shift after shift—, **tells you which machine to attend to first** and keeps your STPS log ready. Three things you protect without hiring anyone else: your **money**, your **control** and your **compliance**.

WE DON'T JUST MEASURE A specialist reads the **current signature** of your motors —not a threshold— and tells you which equipment to attend to first, **weeks before** the failure. In plain language, over WhatsApp.

THREE THINGS IT LOOKS AFTER FOR YOU

● MONEY

you stop losing to downtime and waste

An unplanned stop costs **\$8K–\$60K per hour.**

Motors, compressors and air leaks that flag **weeks ahead**; energy walking into your CFE bill. The money that leaks out unseen — stopped in time.

a single avoided stop pays for the service many times over.

● CONTROL

you know which machine to attend to first

Your whole plant on one panel: which motor is wearing, which panel is overheating, which shift overspends. You stop fighting fires and **plan maintenance ahead of time.**

from corrective to predictive maintenance.

● COMPLIANCE

stps with no surprises on inspection day

Heat, noise and contaminants logged continuously. The log **STPS** requires (NOM-015, NOM-010), ready — without building it by hand the night before.

we don't audit: we hand you the proof, with your name on it.

this is how we look after your plant, **from the inside.**

Each number is a point where a wireless sensor works for you — and the specialist tells you what to do. **You install only the ones that apply to your plant.** The color says what each one protects:

● **money** — you stop losing ● **control** — you know what to do ● **compliance** — the proof ready



- 1 critical motor ★**
we detect motor wear 2–4 weeks before the failure
- 2 air compressor**
we detect an internal leak before it spikes your air consumption
- 3 compressed-air line**
we alert you to the air leaks you're paying for on the power bill
- 4 main panel**
we alert you before CFE penalizes you for demand or power factor
- 5 production sub-panel**
we show you how much energy each shift and each part consumes
- 6 production floor · STPS**
we log heat, CO₂ and noise for your STPS record
- 7 electrical room**
we detect panel overheating before the fire
- 8 machine room**
we alert you to a water leak under pumps and equipment
- 9 temperature process**
we alert you if the process drifts out of spec, before the scrap

★ **the specialist crosses signals.** The **motor current signature (1)** reveals bearing wear **2–4 weeks ahead** —without touching the equipment—; and the **compressor current (2)** against the **line pressure (3)** betrays an internal leak. It all feeds your **STPS log**, ready for the inspector.

THE RETURN

a single unplanned stop you avoid usually pays for the year of service.

\$8K–\$60K /hour

what an unplanned stop of a critical motor costs — **lost production, emergency repair and overtime**

for every \$1 you invest

you protect **several pesos** in production, energy and repairs avoided

● **MONEY**

air leak stopped (25–30% of air is wasted); energy optimized, fewer stops

● **CONTROL**

predictive maintenance — you service the motor at the planned stop, before it fails

● **COMPLIANCE**

STPS with no fines — continuous evidence of heat, noise and contaminants

WHY IT WORKS

Current monitoring catches **80%+ of mechanical failure modes** from the panel. You change the bearing at a **planned stop** — for a fraction of what a total-failure stop costs. It's not an optimistic model: it's the motor's electrical signature.

WHY ASTREAIOT

We tell you what to do, not just data.

Clear priority and a specialist's read — not a dashboard you have to decode.

No extra sensors, no touching the motor.

The current signature reveals the failure from the panel — no need to intervene in the equipment.

WhatsApp alerts.

No new apps — the alert reaches your maintenance lead's phone.

Wireless, without stopping the line.

Installed live; we verify LoRaWAN coverage inside the building.

ready to put a specialist next to every machine?

Start with **one line or a handful of critical motors**: a no-commitment pilot — you see the numbers in your own plant before scaling.

Book your pilot or request a quote — no commitment.

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