

Industrial Intelligence Platform.

Unified industrial connectivity and operational intelligence for modern manufacturing.

Connect CNCs, Modbus PLCs, and instrumentation into one real-time operational platform. Measure OEE on signals collected directly from the controller. Reduce downtime with persistent alarms and incident workflows. From the spindle to the dashboard, on one foundation.

MULTI-PROTOCOL EDGE

FOCAS2 · MT-LINKi · MTCConnect · Brother HTTP · Modbus TCP

One service speaks every controller on your floor.

REAL-TIME INTELLIGENCE

OEE · Persistent alarms · Incident workflows · PDF and Excel reports

Operational decisions from machine data — multi-tenant.

EDGE-FIRST ARCHITECTURE

Offline-capable · Air-gap friendly · Per-route store-and-forward

Years of operation on a small box in the control cabinet.

Two products. One foundation.

EdgeConnect

Edge runtime

- Protocol-agnostic edge service
- Canonical CNC vocabulary
- Per-route store-and-forward
- Three-way diagnostics
- Hash-chained config audit
- RSA-signed offline licensing

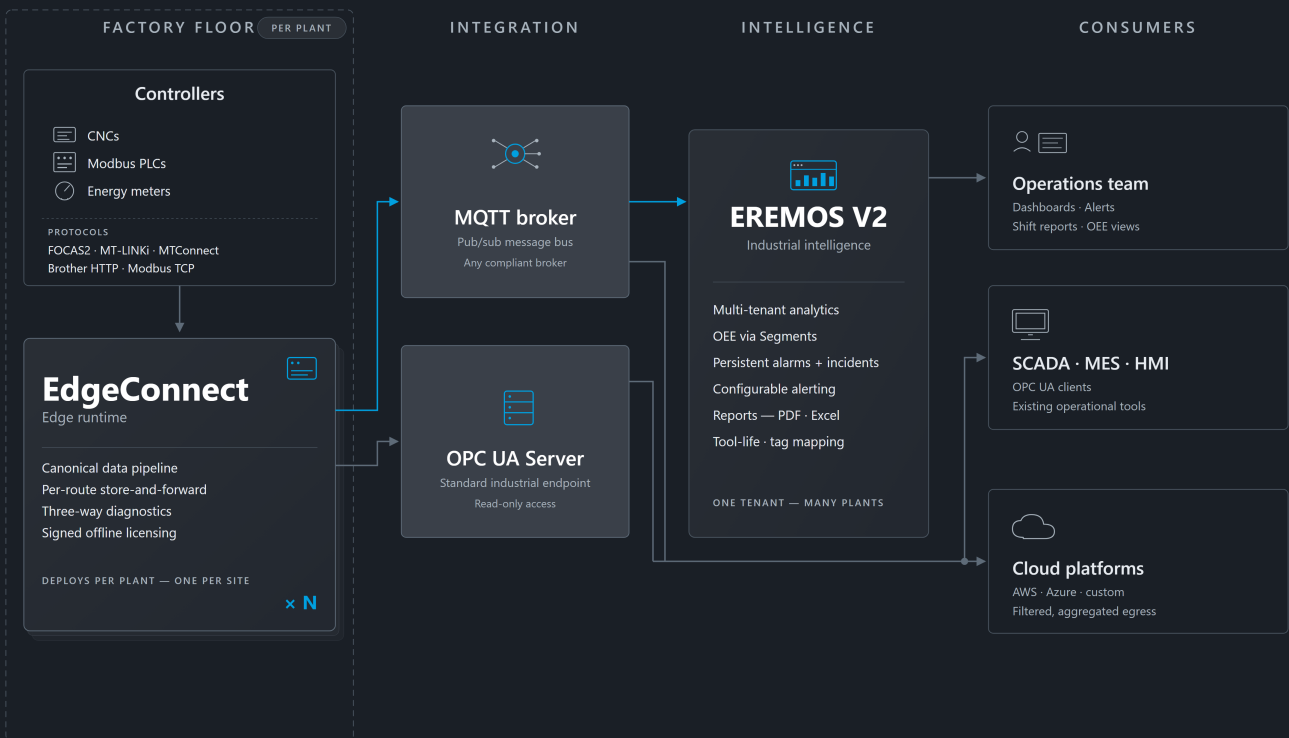
MQTT
OPC UA

EREMOS V2

Industrial intelligence

- Multi-tenant analytics
- OEE via Segments (auditable)
- Persistent alarms + incidents
- Configurable alerting channels
- PDF and Excel reports
- Tool-life and tag mapping

ARCHITECTURE AT A GLANCE



One EdgeConnect deploys at each plant. One EREMOS V2 tenant aggregates many sites. Standard MQTT and OPC UA make the integration interoperable with whatever else you run.

OUTCOMES YOU CAN HOLD US TO

Operational deliverables, not promises.

Cut unplanned downtime

Persistent alarm tracking and incident workflows.

Trust your OEE number

Every input collected at the controller.

Modernize legacy controllers

FOCAS2, Brother HTTP, Modbus — no replacements.

See your whole fleet

Multiple plants, multiple shifts, one view.

Keep sensitive data on premise

Fully offline-capable at the edge.

Pass your audit

Hash-chained config, signed offline licensing.

CONNECTIVITY COVERAGE

Native to the protocols your controllers already speak.

SOUTHBOUND

CNC controllers

FOCAS2 · MT-LINKi · MTConnect · Brother HTTP

SOUTHBOUND

PLC + instrumentation

Modbus TCP

NORTHBOUND

Messaging

MQTT (any compliant broker)

NORTHBOUND

Enterprise integration

OPC UA Server

Every source delivers tags using a shared canonical CNC vocabulary. The same dashboard layout works across Fanuc, Brother, and Modbus-fronted machines.

DESIGNED FOR

- 01 Multi-vendor CNC manufacturing plants
- 02 Brownfield modernization projects
- 03 Multi-site industrial operations teams
- 04 OEM machine monitoring deployments
- 05 Precision manufacturing operations

WHY ELPIS

Air-gapped factories are first-class

RSA-signed offline license. No phone-home.

A lapsed license never stops production

Expiration blocks configuration changes only.

AI proposes — humans decide

Decision-support only. Local-LLM-capable.

Three-way diagnostics by design

Source, pipeline, sink. No silent failures.

Per-protocol modular activation

Pay for the connectivity you actually use.

EDITIONS · ROADMAP

Available in Starter, Professional, and Enterprise editions with optional connectivity modules: FOCAS2, MT-LINKi, MTConnect, Brother HTTP, Modbus TCP, MQTT, OPC UA Server.

On the roadmap: OPC UA Client (southbound), Siemens S7, HTTP / TCP sinks (northbound), Linux host, AI-assisted operations agents.

NEXT STEP

Bring us a real plant. We'll scope a real proof.

Demos run on real protocols against your real signals — not canned data.

Elpis IT Solutions · [website] · [phone]