INDUSTRIAL PLATFORM

What is iniationOS?

The complete platform that brings energy, manufacturing and local AI together on one shared data foundation.



PROBLEM

Three worlds. One data gap.

Islands instead of context

Energy, manufacturing and analytics often run in separate systems.

AI without a data foundation

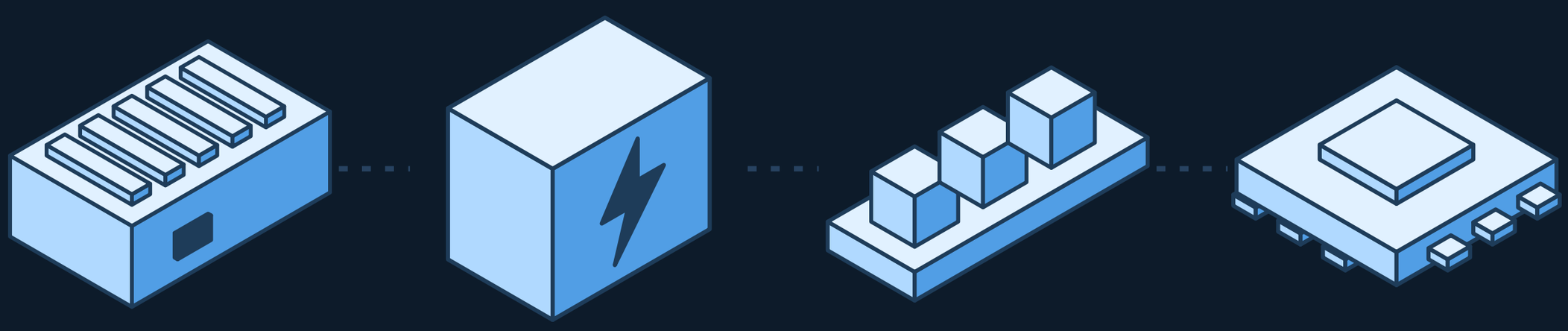
Local AI needs reliable, contextualized data. Scattered sources do not provide it.

More tools, more upkeep

Every isolated solution needs its own interfaces, updates and owners.

IN ONE SENTENCE

iniationOS brings energy, manufacturing and local AI together on one data foundation.



HOW IT WORKS

Four steps from signal to decision.

01

Connect

Captures data from machines, meters and plants at the edge, for example with SWIFT-BOX.

02

Bring together

Merges everything in the Unified Layer. Access via UNS, MQTT, OPC UA or REST API.

03

Analyze

Evaluates energy and manufacturing together, with rules and local AI.

04

Deliver

Delivers dashboards, reports and data for ERP and other systems.

ONE PLATFORM

Everything on one shared foundation.

Edge and data

SWIFT-BOX captures on site, the Unified Layer puts everything in context. Access via UNS, MQTT, OPC UA or REST API.

iniationEMS

Energy management as a focused part: generation, storage and control.

iniationMES

Manufacturing control as a focused part: orders, machines and quality.

Local AI

Analysis on your infrastructure, so data stays under your control.

IN DEMAND THROUGH 2027

Four applications that are in demand.

01 **Data basis for evidence** — NOW

Energy, production and security data for audits and reports in one place.

02 **New business cases** — NOW

Extend machines, robots and lines with new functions step by step.

03 **Energy per order** — 2027

Make energy demand per order and line visible and plan loads accordingly.

04 **Local AI in the plant** — 2027

Evaluate anomalies, quality and forecasts on your own infrastructure.

ON YOUR INFRASTRUCTURE

Your data stays under your control.

iniationOS is designed to run on infrastructure you control, including local AI. You decide where data lives and who can access it.

Captured on site. Analyzed by you.

UP NEXT

Get to know iniationOS up close.

In the next posts we will show iniationEMS and iniationMES as focused parts of the platform.

Scan now

and learn more about iniationOS.

iniationware.com