



EVONEX

AI-Powered Industrial Intelligence

Turning Industrial Data into Predictive Insight

THE CHALLENGE

Industrial Operations Are Flying Blind

Most industrial companies are sitting on enormous volumes of data — yet remain trapped in reactive operations, siloed systems, and slow decision-making cycles that cost millions in downtime and inefficiency.

Fragmented Data

Critical operational data is scattered across incompatible systems with no unified view.

Reactive Operations

Teams respond to failures after they happen, instead of preventing them in advance.

No AI Understanding

Existing tools lack the contextual AI intelligence needed for meaningful operational insight.

Slow Decisions

Decision-making bottlenecks on scarce human expertise, creating costly delays.

📌 **The result:** Unplanned downtime, chronic inefficiency, and significant lost revenue — all preventable with the right intelligence layer.



THE SOLUTION

Introducing EVONEX

EVONEX is an AI-powered industrial intelligence platform that transforms raw operational data into real-time, predictive, and actionable insight — bridging the gap between industrial systems and modern AI.



Real-Time Anomaly Detection

Identify deviations and system irregularities the moment they occur, before they escalate into failures.



Advanced Visualization & Reporting

Dynamic dashboards and structured reports designed for operational clarity and executive decision-making.



LLM-Powered Industrial Assistant

Interact with your operations in natural language. Ask questions, get instant insights, and make informed decisions faster.



Custom AI Models

Industry-specific models trained on your operational data, tuned to your processes and performance goals.

DIFFERENTIATION

What Makes EVONEX Different

EVONEX isn't a generic analytics tool. It is purpose-built for industrial environments, combining hybrid AI architecture with seamless integration and domain-specific intelligence.

Hybrid AI + Industrial Architecture

A unique fusion of machine learning anomaly detection and large language models, purpose-engineered for industrial data environments.

Plug & Play Integration

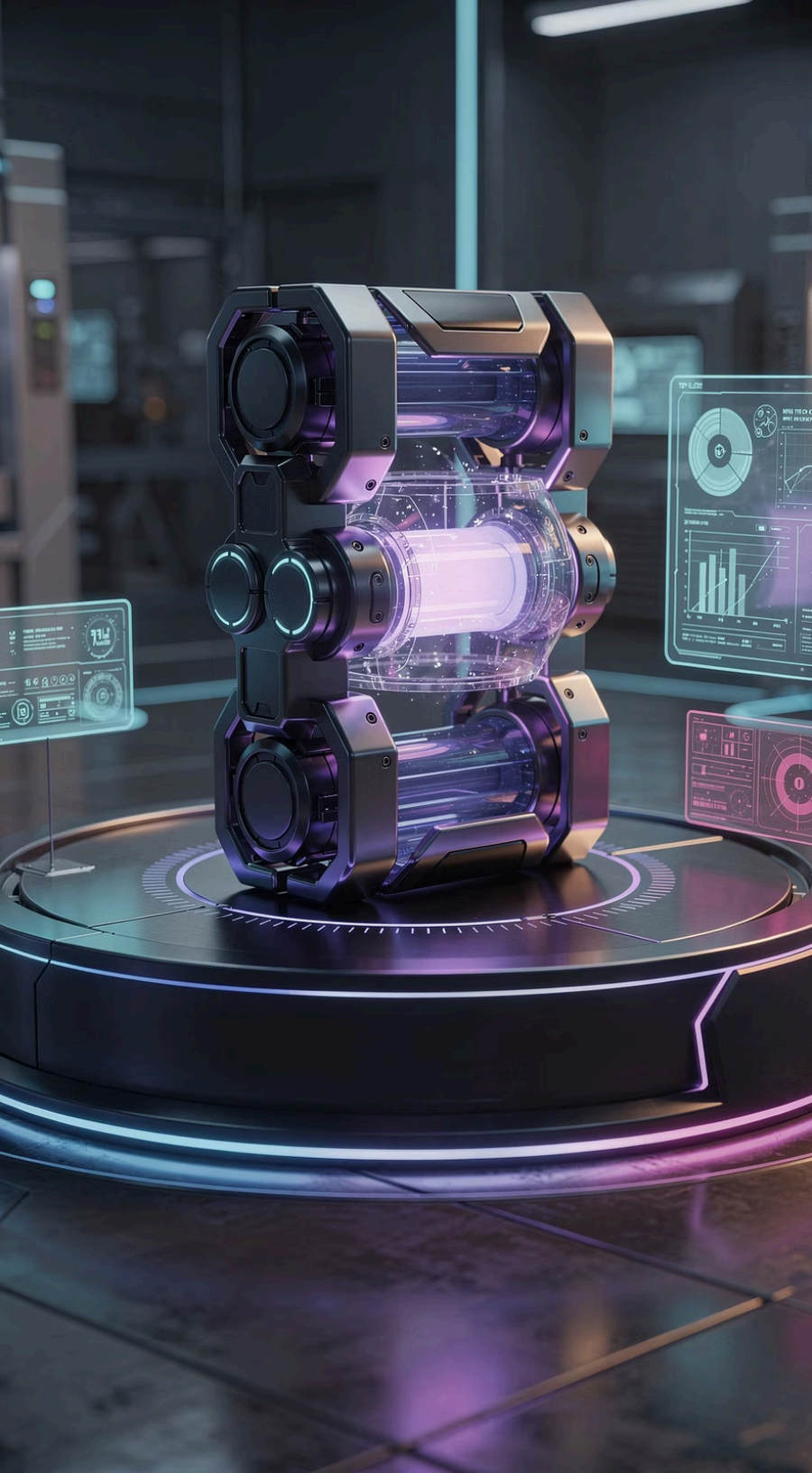
Connects directly to existing infrastructure — no rip-and-replace required. Operational in days, not months.

Industry-Specific AI Models

Pre-trained models for Energy, Oil & Gas, and Manufacturing — with deep contextual understanding of sector-specific operations.

Human-Like Machine Interaction

LLM-powered chat interface allows operators and executives to query operational data conversationally, democratizing access to insight.



Our Technology Stack

EVONEX is built on a fully modular, enterprise-grade architecture — designed for scalability, reliability, and seamless integration with existing industrial systems.

Data & Infrastructure Layer

- **Data Ingestion:** OPC, SQL, REST APIs
- **Time-Series Database:** InfluxDB
- **Visualization:** Grafana
- **Reporting:** RBS Report Engine

Ingests high-frequency industrial data from any source, normalizes it, and stores it for real-time and historical analysis.

AI & Intelligence Layer

- **Anomaly Detection:** Custom ML models trained per asset class
- **LLM Systems:** Custom-trained language models for industrial Q&A
- **Interface:** Mobile & Web AI Chatbot

The AI layer continuously learns from operational data, surfacing anomalies, answering natural language queries, and generating structured intelligence reports.

📄 **Architecture Principle:** Fully scalable and modular — deploy the components you need today, expand as your operations grow.

PROVEN TRACK RECORD

Reference Projects

EVONEX technology has been deployed in demanding industrial environments — from large-scale energy operations in Turkey to mission-critical analytics on international energy projects.



Sanko Enerji

Delivered comprehensive industrial data collection and real-time monitoring infrastructure. Built operational dashboards enabling continuous efficiency improvements across production assets.



Schlumberger — Shah Deniz Project

Developed DTA (Data Tracking & Analysis) software deployed on the Shah Deniz gas field in Azerbaijan. Delivered high-reliability industrial analytics supporting critical production decisions.



RBS Cloud

Built advanced reporting infrastructure with custom dashboards, analytical pipelines, and deep integration with industrial control systems — enabling enterprise-grade cloud reporting at scale.

Turning Data Into Operational Advantage

EVONEX addresses the most costly and high-impact operational challenges in industrial environments — from equipment reliability to real-time safety monitoring and executive decision support.



Predictive Maintenance

Detect equipment degradation and failure signatures before breakdowns occur. Reduce unplanned downtime and maintenance costs by shifting from reactive to predictive strategies.



Anomaly Detection

Identify abnormal system behavior in real time across sensors, processes, and assets. Prevent costly incidents and equipment damage with instant, AI-driven alerting.



AI Industrial Assistant

Ask your operational data questions in plain language. Get instant insights, trend analyses, and recommendations — without writing a single query or waiting for a report.

Target Industries

EVONEX is purpose-built for asset-intensive, data-rich industrial sectors where operational intelligence directly translates to safety, efficiency, and competitive advantage.



Energy

Wind, Geothermal, Oil & Gas — monitoring complex generation assets and optimizing production uptime.



Manufacturing

Continuous and discrete manufacturing operations where equipment reliability and throughput are paramount.



Industrial Automation

Automated systems and robotics environments requiring real-time performance monitoring and intelligent control.



Utilities

Grid operators and utility providers managing distributed infrastructure with strict reliability and compliance requirements.



How We Deliver Value

EVONEX offers a flexible, scalable commercial model designed to meet the needs of both fast-moving industrial operators and large enterprise organizations with complex deployment requirements.



SaaS + Enterprise Licensing

Recurring subscription access to the full EVONEX platform — dashboards, anomaly detection, AI assistant, and reporting. Enterprise licensing available for large-scale or multi-site deployments.



Custom AI Development

Bespoke AI model development and engineering engagements — from custom-trained anomaly detectors to fully tailored LLM systems built around client-specific operational data and workflows.



Ongoing Support & Integration

Continuous integration support, model retraining, system updates, and dedicated technical account management — ensuring long-term operational performance and platform evolution.

Why the Time Is Now

Three powerful forces are converging to create an unprecedented window of opportunity — and EVONEX is positioned at the exact intersection of all three.



Explosion of Industrial Data

Connected sensors, IIoT devices, and automation systems are generating more operational data than ever — yet most of it goes unanalyzed.



Rise of LLMs & AI

Large language models and advanced ML are now mature enough to be deployed in industrial contexts — making human-like data interaction a commercial reality.



Strong Demand for Efficiency

Economic pressure, energy transition, and competitive intensity are forcing industrial operators to find every efficiency advantage available.

Perfect timing for EVONEX: The market is ready, the technology is mature, and the demand is urgent. First movers will define the next decade of industrial operations.

VISION

The AI Brain of Industrial Operations

EVONEX is on a mission to become the intelligence layer that every industrial operation depends on — not as a tool, but as the cognitive core of how industrial assets are managed, optimized, and evolved.



Real-Time Intelligence

Continuous monitoring and anomaly detection across all assets and systems.



Autonomous Decision Support

AI-driven recommendations that guide operators and executives toward optimal actions.



Fully AI-Driven Operations

Closed-loop, self-optimizing industrial environments that continuously learn and adapt with minimal human intervention.



Let's Build the Future of Industrial AI — Together

EVONEX = The Intelligence Layer for Industry

Industrial operations that are smarter, safer, and more autonomous start with the right intelligence partner. EVONEX is ready to deploy, proven in the field, and built for scale.

Proven Technology

Deployed in real industrial environments across energy and oil & gas.

Rapid Integration

Plug & play architecture connects to your existing systems with minimal disruption.

Strategic Partnership

We work as a long-term technology partner, not a one-time vendor.