



# Industrial Intelligence Layer for Energy-Efficient and Resilient Infrastructure

Operational visibility and real-time monitoring for  
industrial and infrastructure environments

We help industrial facilities reduce operational losses and improve infrastructure visibility through rapid-deployment monitoring solutions — measurable impact within 30–60 days.

Clean Industrial Deal

Industrial Digitalization

Energy Efficiency

Smart Infrastructure

Predictive Monitoring

*Enabling Industrial Visibility for a More  
Efficient and Sustainable Europe.*

# WHO WE ARE



**RAXTECH EUROPE SP. Z O.O** is a European industrial technology company headquartered in Poland, operating as the EU arm of Rax-Tech International — a global engineering group with over 25 years of expertise in embedded systems, industrial automation, and connected infrastructure.

Backed by 102+ product designs, 2M+ units deployed, and 1,200+ customers served globally, we bring proven engineering depth to the European industrial and infrastructure market. Our approach is integration-first: we do not deploy isolated devices — we connect infrastructure, data, and decision-making through a unified operational intelligence layer.

We are ISO 9001:2015 certified and actively pursuing full CE compliance for EU market deployment.

**Fast-deployment operational visibility layer — measurable impact within 30–60 days.**



**Energy Monitoring**  
Real-time utility tracking



**Water Monitoring**  
IoT-based water quality



**Predictive Maintenance**  
MCSA-based motor condition monitoring



**Industrial Automation**  
PLC/VFD panels, SCADA/HMI



**Anomaly Detection**  
AI-powered surveillance



**Secure Connectivity**  
VPN-enabled edge-to-cloud

Manufacturing

Utilities

Logistics

Smart Infrastructure

Process Industries

# AI-Supported Industrial Monitoring and Operational Efficiency Platform for Clean Industry

## Project Concept

Across European manufacturing and infrastructure facilities, 20–30% of energy is consumed invisibly. Fragmented systems, siloed data, and reactive maintenance cycles compound this challenge, creating measurable barriers to EU sustainability targets.

**RAXTECH EUROPE** proposes a Horizon Europe collaborative project to develop and validate an open, interoperable industrial monitoring platform that integrates edge sensing, AI analytics, and centralized operational dashboards across multi-site industrial environments.

## Thematic Alignment

### Clean Industrial Deal:

- Energy efficiency, emissions reduction, industrial resilience

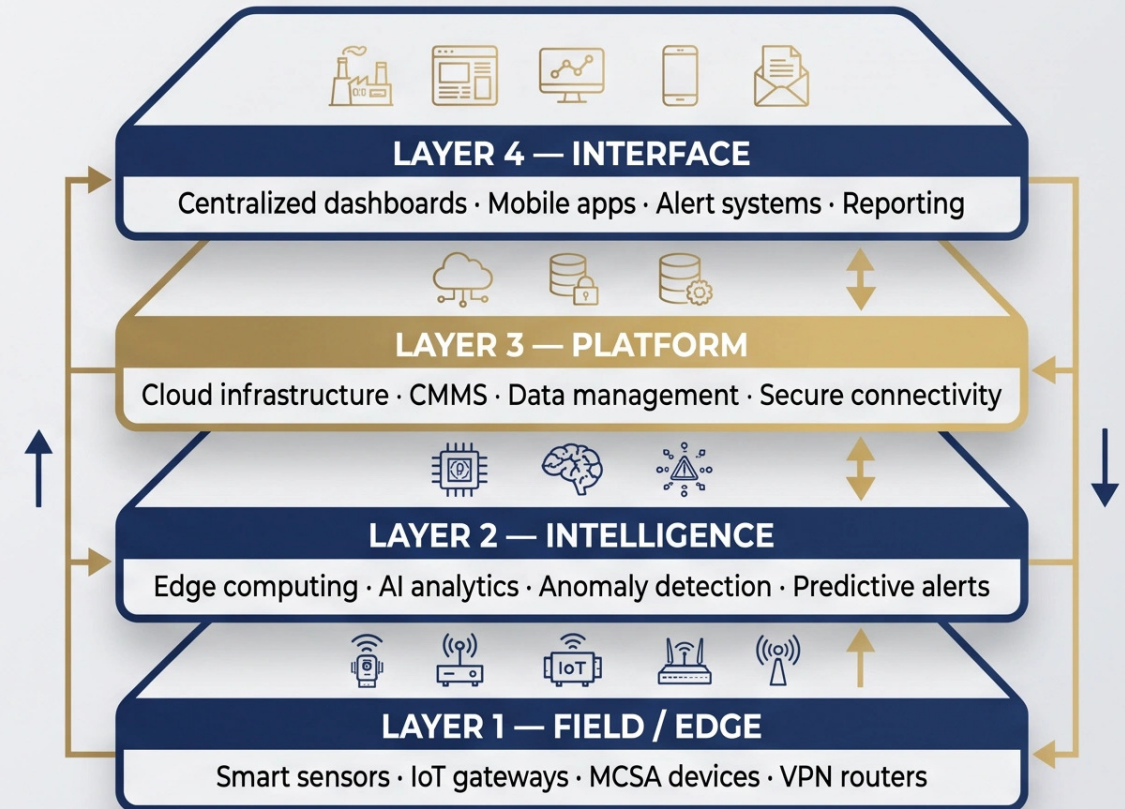
### Industrial Digitalization:

- Real-time monitoring, operational intelligence, Industry 4.0

### Horizon Europe Cluster 4:

- Digital, Industry & Space — smart manufacturing, AI, sustainability

## INDUSTRIAL MONITORING ARCHITECTURE



**15–30%**

Energy Savings

**20–30%**

Downtime  
Reduction

**40%**

Faster Incident  
Response

**30–60 Day**

Pilot Deployment



# Consortium Collaboration Model

RAXTECH EUROPE is not entering this space as a vendor — we are entering as a consortium partner. Our model is designed for low-risk clow-risk pilot entry and high-impact scalability, built around shared expertise and complementary roles.



## What We Bring to the Consortium

- **Deployable Technology:** Field-ready monitoring platform
- **Engineering Depth:** 25+ years, ISO 9001:2015 certified
- **EU Alignment:** Poland-based, GDPR-compliant
- **Pilot Agility:** Operational within 30–60 days
- **Sector Coverage:** Manufacturing, utilities, logistics

Partnership Invitation: We are seeking co-applicants, pilot site partners, and research collaborators for **Horizon Europe 2026/2027 calls** — particularly in **Cluster 4 (Digital, Industry & Space)** and **Clean Industrial Deal** priorities.



**RAXTECH Red** Let's Build Together

# Consortium-Ready. Pilot-Ready. EU-Aligned.



## Pilot Partnership

Host a 30–60 day operational monitoring pilot at your facility. Zero disruption to existing operations. Measurable outcomes from day one.



## Research Collaboration

Co-develop AI analytics, validation frameworks, or sustainability metrics for Horizon Europe project applications. Academic and industrial partners welcome.



## Consortium Co-Application

Join as a consortium partner for Horizon Europe 2026/2027 calls. We bring the technology layer — you bring the domain expertise, pilot sites, or research capacity.

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+48-739577307 | Warsaw, Poland | In collaboration with Rax-Tech International

Aligned with: Clean Industrial Deal · Horizon Europe Cluster 4 · EU Digital Decade · Industry 4.0

**Enabling Industrial Visibility for a More  
Efficient and Sustainable Europe.**