

Your Path to the Smart Factory, Powered by Generative AI



Production visibility



Reduced operational and energy costs



Process productivity analysis



Proactive and predictive maintenance



Integration with ERP & MES systems

Zerynth Industrial AI Copilot Platform

With over 10 years of experience in Industrial IoT and AI, the Zerynth Platform, enhanced with Generative AI, helps manufacturers optimize processes and increase productivity in a simple and sustainable way.



Fino al
40%

Reduction in energy consumption

Fino al
70%

Reduction in machine downtimes

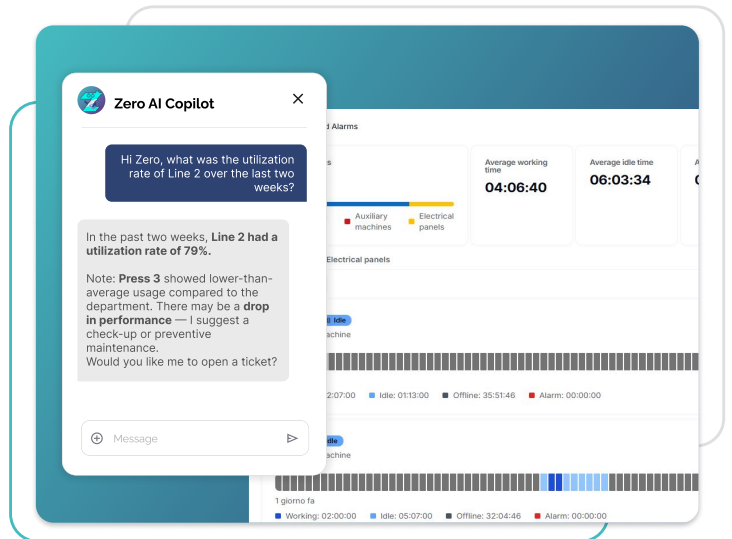
Fino al
30%

Reduction in maintenance costs

Leverage the Power of Industrial AI by simply chatting with it

The evolution of Industrial AI

Zero is your **integrated AI consultant**, available 24/7, that transforms production data into KPIs and operational insights. Zero helps you anticipate issues, **optimize energy and maintenance**, auto-generate reports, and maximize the value of your ERP and MES.



Predict failures and performance drops before they become a problem

Get instant answers via chat on technical and operational data

Generate immediate insights, tables, intuitive charts, and reports for maintenance, energy, and ESG

Analyze energy flows to identify inefficiencies and optimize consumption

Receive proactive notifications that anticipate issues and suggest corrective actions

Process and compare data from machines, ERP, and MES in a single integrated interface

How does the connection Work?

Machine Connectivity

Through a **Zerynth Edge Device**, we can easily connect to any machine using analog or digital communication interfaces.

Secure Data transmission

Collected data is sent to the cloud via internet or cellular network, ensuring continuity and scalability.

From Data to Action

Advanced AI algorithms process data in real time and send it to the Platform's AI Engine, where it is made available in the Manufacturing Intelligence Apps and can be queried via Zero.



Industrial AI that You really need

Zerynth combines **AI** and **IoT** into a single modular solution designed for manufacturing enterprises that want to **reduce costs, minimize waste, and boost productivity.**

Edge AI Layer

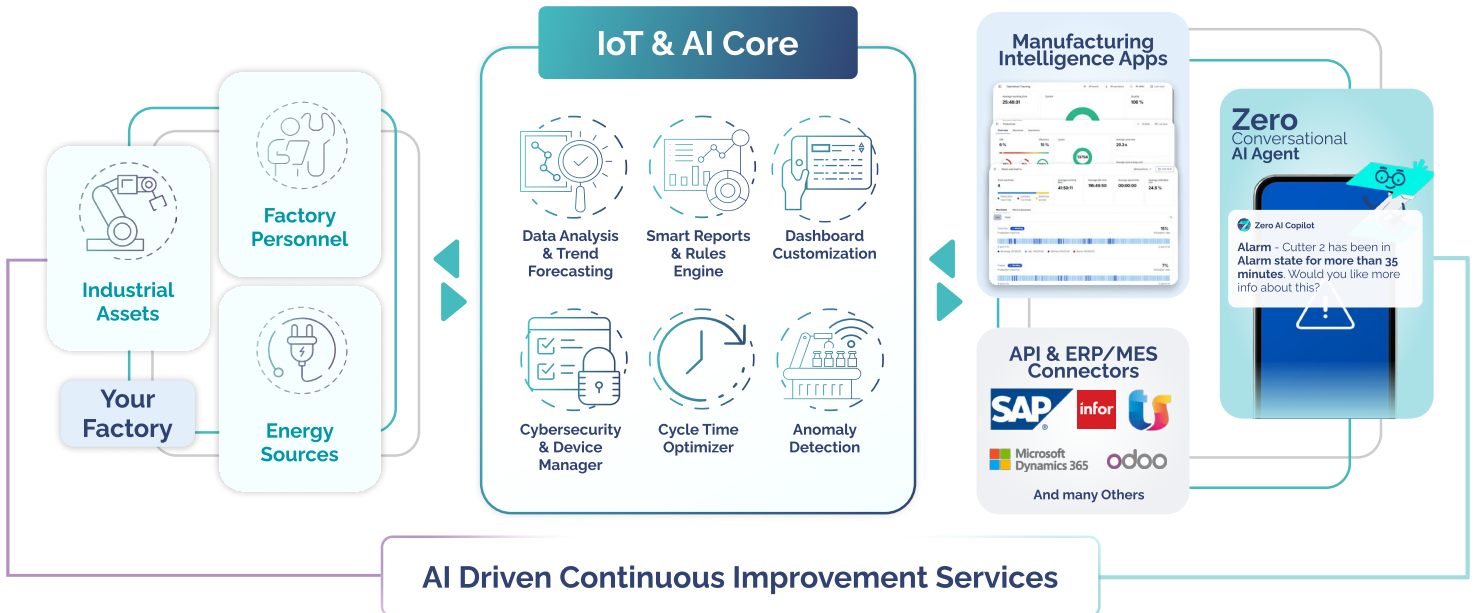
Devices for acquiring and processing industrial data.

Core

Aggregates data and turns it into strategic value with Artificial Intelligence.

Apps

Advanced tools for machine monitoring, productivity, and operations analysis.



Manufacturing Intelligence Apps

From raw data to the KPIs that matter. With Zerynth Apps, you can start from energy consumption and scale up to work orders.



Energy Monitoring

Real-time monitoring of asset and department energy consumption, PV plant production, and full energy balance.



Production Insights

Machine Monitoring

Monitor machines in real time, detect anomalies, and optimize maintenance to reduce downtimes and operational costs.

Productivity

Optimize processes with intelligent insights, improving OEE, processing times, and costs per machine or workstation.

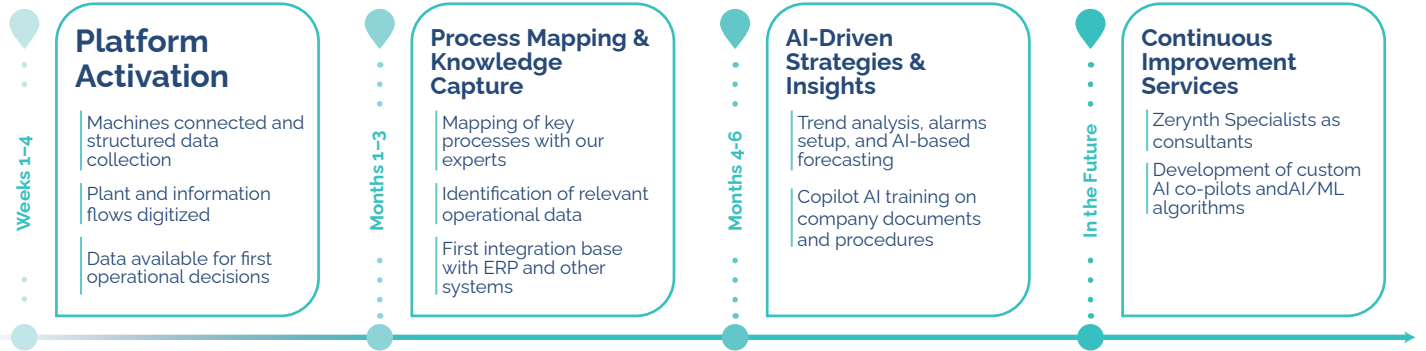


Work Order Management

Monitor and analyze work orders in every detail: time, costs, consumption, productivity, and sustainability by phase, product, and machine.

Digital transformation cannot be improvised

From Simple Monitoring to Advanced AI



Continuous Improvement Services

Not just technology: we bring expertise, people, and tools to make continuous improvement real.

Our Experts at Your Service

Specialists in Industrial IoT & AI – with over 10 years of experience for continuous data analysis

Tailor-Made AI

Development of custom AI and business intelligence algorithms to cut energy waste, prevent failures, and integrate MES/ERP systems

Customized AI Copilots

Extend the Copilot with tailored agents to manage documentation and processes, offering insights on production, energy, and maintenance

Certified Partners

A network of qualified analysts and consultants supporting companies in digitalization and efficiency improvement

About Zerynth

Zerynth revolutionizes industrial manufacturing through a Copilot Platform that integrates IoT and AI, making digitalization simple, fast, and secure for every production process.

Zero, our conversational AI agent, provides immediate access to data via chat, generating insights, notifications, and reports automatically. The platform easily integrates with ERP, MES, and BI systems, enriching them with accurate operational data for better planning.

Zerynth offers a structured method: from process mapping, to asset connection, to continuous AI training with certified experts. The results are tangible: up to 70% fewer downtimes, 40% lower energy consumption, and 30% less maintenance costs.

Founded in Pisa in 2015, Zerynth now partners with over 200 companies.

Request a Quote!

Scan the QR code or visit:
zerynth.com/get-a-quote/

