

EthonAI's Industrial AI Platform

Operational excellence at scale

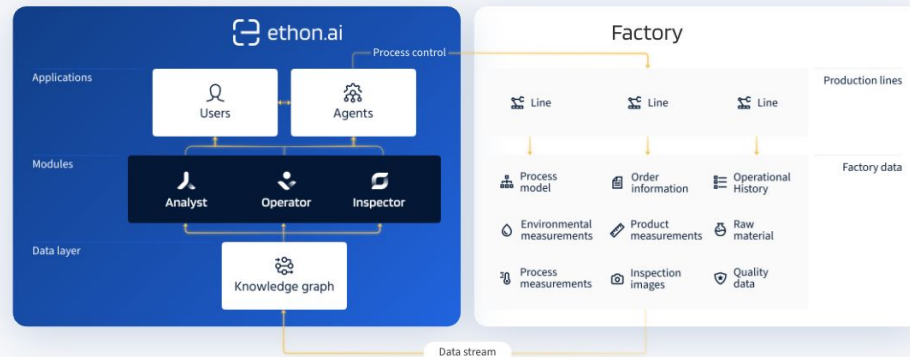
Problem

- 20 cent of every dollar spent in manufacturing is wasted¹
- Manufacturers aim to reduce waste with software but 90% of sensor data is never analyzed² despite cloud, IIoT, etc.

What it does

- Create a common context across disparate factory data sources
- Analyze data with AI models specifically tailored to manufacturing use cases
- Use automated workflows to stay ahead and operate efficiently
- Easily scale across use cases and factories to benefit from holistic KPI improvements

Selected customers



Up to 80%
Scrap reduction

>5%
Throughput increase

USD 1M+
Factory cost savings

<3 months
Time-to-value

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EthonAI's Industrial AI Platform optimizes cost, speed & quality with automated workflows.

Challenge

- **Initial Situation:** Manufacturers face high production waste and underutilized sensor data (~90% unused).
- **Verticals:** CPG, Electronics, Mechanics, Process Industries and many more
- **Customer Challenges:** Scrap, quality deviations, inefficiencies, siloed data.
- **Target Audience:** COOs, factory leaders, process engineers, IT & data science teams

Solution

- **Overview:** AI-powered software platform contextualizing factory data and applying tailored analytics tools.
- **Components:**
 - Context Layer (data harmonization)
 - Model Layer (AI algorithms)
 - Application Layer (Analyst, Operator, Inspector)
- **How it Helps:** Identifies root causes, automates inspection, reduces rework, increases yield.
- **Features:** Visual inspection, process mining, real-time analytics, traceability, low-code custom analysis.
- **Market Potential:** Applicable to global discrete & indiscrete process manufacturers; early customers include **Siemens**, Bosch, Lindt

Customer value

- **Benefit:** Up to 80% scrap reduction, 5%+ throughput gains, \$1M+ cost savings
- **Value Measured By:** Time-to-value (<3 months), waste/cost/throughput KPIs, ROI (5–10x)
- **Delivery Model:** SaaS (Software-as-a-Service), scalable across multiple sites

Collaboration potential and impact

- **Win-Win with Siemens:** Joint value creation through Siemens industrial automation and MAS analytics synergy.
- **Siemens Portfolio Usage:** MAS complements Siemens automation lines, as shown in the assembly line use case.
- **References:** Siemens success story: visual inspection + root cause analysis → reduced rework & improved process stability