



Korcomptenz

Whitepaper



Altiaaris
Enterprise Intelligence. Elevated.

A Unified Intelligence Platform for Enterprise and Manufacturing Operations

Break silos across ERP, CRM, and the shop floor to drive measurable improvements—deployed in weeks.

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The Real Barrier to Performance: Disconnected Data

Even after major ERP and CRM investments, many teams still work across disconnected applications and spreadsheets creating inconsistent data, slower decisions, and higher operating costs across finance, supply chain, customer ops, and the shop floor. Meanwhile, cloud and AI adoption is slowed by legacy infrastructure, complex integrations, skill gaps, and change resistance—leaving many initiatives stuck in pilots.

01 SALES & CUSTOMER FRICTION

Disconnected Systems: ERP, CRM, Shop floor gaps cause stockouts and missed deliveries.

Service Blind Spots: Lack of production visibility increases support costs.



02 SUPPLY CHAIN CHALLENGES

Trapped Capital: Data mistrust leads to Just-in-Case over stocking.

Compliance Risks: Inability to instantly trace batches creates compliance issues.



04 FINANCIAL BLIND SPOTS

Hidden Costs: Standard costing masks unprofitable products by ignoring variances.

Delayed closing: Manual reconciliation slows month-end close and decision-making.



03 OPERATIONAL ISSUES

Rigid Scheduling: Theoretical schedules ignore downtime, forcing manual hot lists.

Tribal Knowledge: Operations rely on unwritten employee knowledge to function.



Why Altiaris: Close the Data-to-Action Gap

Altiaris closes this gap with an **affordable, scalable, and secure** intelligence platform for the mid-market **deployed in weeks, not months**. Built on **Microsoft Fabric** (with a roadmap to additional technologies), Altiaris delivers a **unified, governed intelligence layer** that connects disparate applications across **ERP, CRM, WMS, supply chain, and the shop floor** creating a single, **real-time control plane**. With this foundation, teams gain real-time visibility, predictive insight, and AI-driven automation to act faster and operate smarter. And because Altiaris is **composable**, its modular capabilities expand as needs evolve across industries including **manufacturing, banking, retail/CPG, logistics, and healthcare**.

Integrated data Foundation
Convergence of ERP, CRM, Supply Chain, Shop floor data into a unified data fabric.



The Trust Layer
Convergence of ERP, CRM, Supply Chain, Shop floor data into a unified data fabric.



Enterprise Functions
Business Functions – Sales, Customer, Finance, Operations, Inventory, Procurement



Situational Awareness:

Unified Analytics acts as the central nervous system, providing real-time visibility across the entire value chain.



AI & Intelligent Automation:

Agentic AI & RPA based business process automation increases efficiency, reduces cost and uplifts revenue



Technology

Enterprise Scalable, unified & Secure Cloud AI & Data Platform with integrated IT,OT, IOT e.g.: Microsoft Fabric, Azure



One Data Layer for Real-Time, Smarter Decisions

Key Highlights

- 01 Real-time, role-based dashboards:** 100+ dashboards tailored for Sales, Customer, operations, supply chain, inventory, finance.
- 02 AI Copilot-driven insights:** Use natural language to generate insights instantly—no technical skills required.
- 03 AI/ML intelligence:** Forecast demand, detect anomalies, and optimize planning through predictive playbooks.
- 04 Secure and scalable:** Entra ID-secured access, Purview-enabled governance, and multi-tenant ready for global rollout.
- 05 Native data integration:** Realtime integration with Dynamics 365, SAP, other enterprise applications. 170+ native connectors supporting real time, batch, micro-batch workloads.

Proven Impact for a Global Photonics Manufacturer

97%

Faster report generation

25%

Improvement in decision-making

65%

Reduction in support tickets

100%

Visibility into KPIs across business units

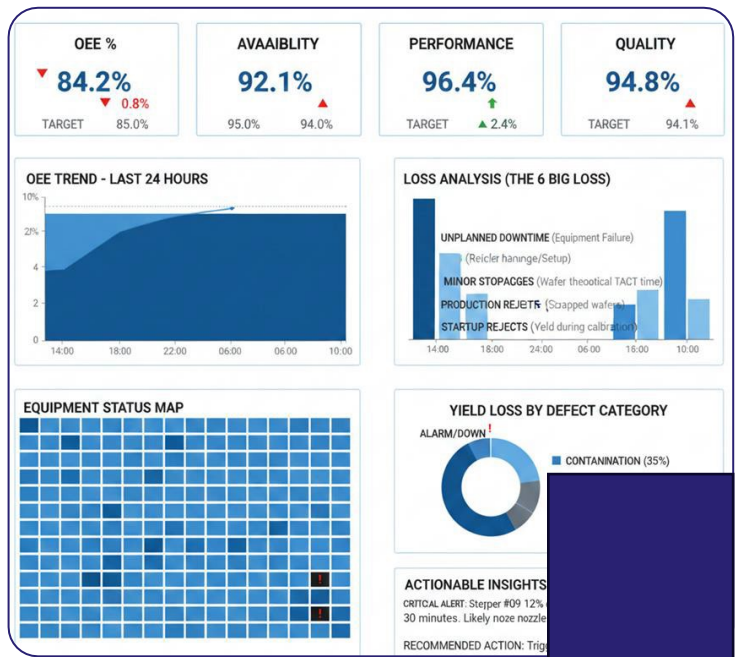


Altiaaris Insights

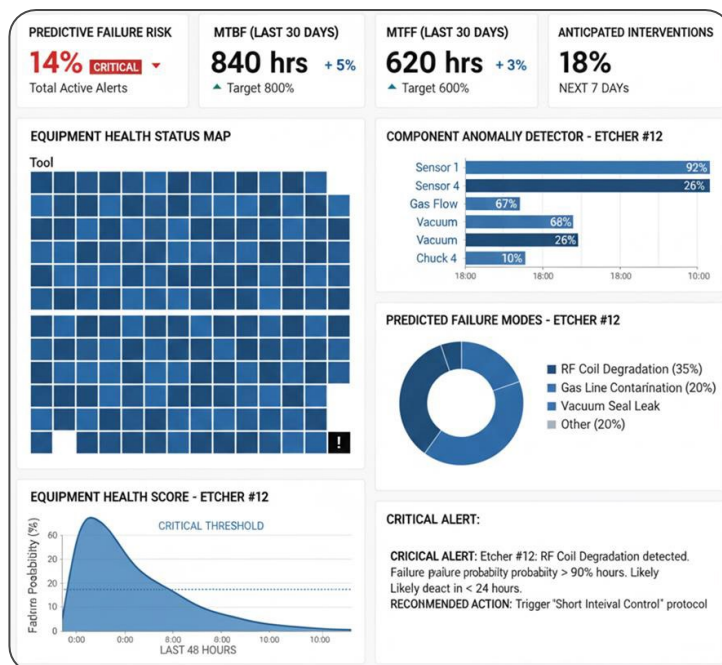
Insights layer utilizes converged IT and OT datasets to detect process instability and quality degradation

- > Real time OEE intelligence
- > Loss Analysis – unplanned downtime, stoppages
- > Predictive quality control – startup, production rejects

Integrates with existing enterprise systems for recording feedback e.g. D365 F&O or SAP S/4HANA/MES.



Real time operations performance insights for food seasoning production: overall yield improvement by 35%.



Altiaaris Optimize

Predictive maintenance and dynamic process control recommendations to maximize production yield

- > Realtime predictive failure risk - MTBF, MTTF, RUL
- > Failure modes prediction
- > Equipment health scoring
- > Realtime alerting, recommendation

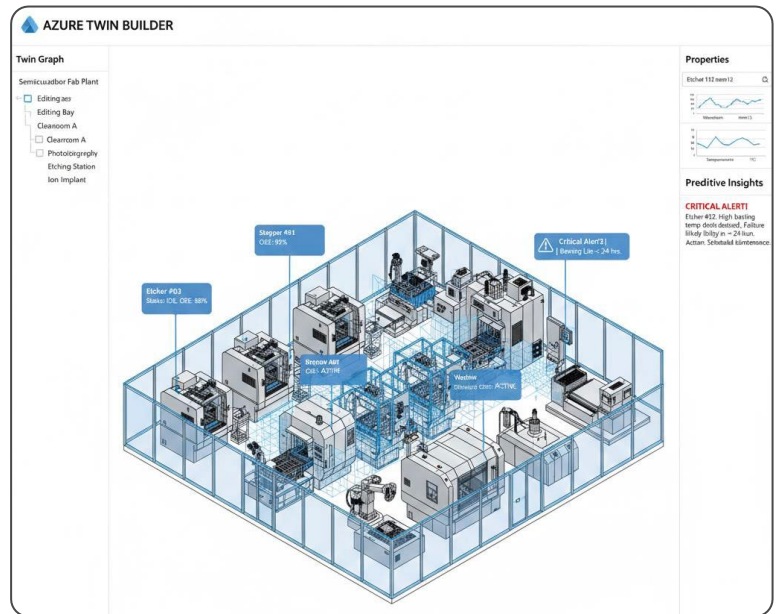
Integrates with existing MES/APC/DCS for recommendations feedback to production floor

Predictive maintenance for food seasonings production: Unplanned downtime reduction by 30%

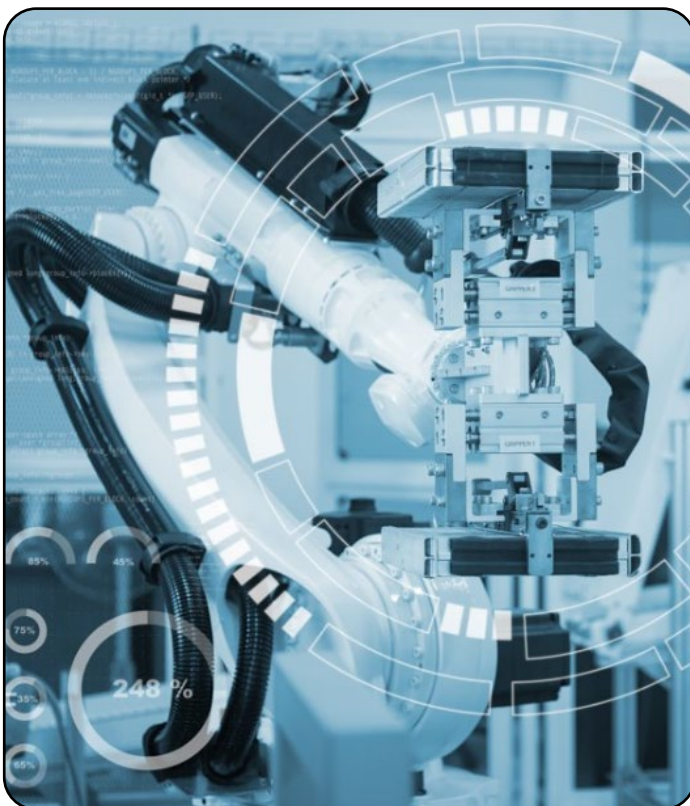
Altiares Twins

Simulate and evaluate product formulations, maintenance strategies, resource allocation plans, operational changes

- > AIML based predictive formulation for food flavouring R&D
- > Azure Digital Twins DTDL based models for factory and process modelling.
- > Provides integration with tools like Ansys Twin Builder for physics-based simulations.



AI enabled product development & end-use applications recommendation for food flavor R&D : Faster time to market for new formulations by 46%.



Altiares Agents

Hierarchical agentic framework for intelligent automation of business and shopfloor processes

- > Agentic AI + RPA & copilots built on Azure AI foundry, Copilot Studio, Power platform, OpenAI
- > Voice agents for hands-free interactions, enabling workers to issue commands, query systems, and interact with processes e.g. Warehouse Management, Customer Service, Maintenance
- > Intelligent Document Processing – automation of. AR/AP 3-way matching, Procurement, R&D Lab Notes

Voice AI agents-based automation for Warehouse Management : increase PO fulfilment throughput by 40%

Altiaaris Led Transformation Stories

A Global Optical Manufacturer:

- > Enhanced visibility across multiple business units
- > Unified real-time insights across Sales, Inventory, Production & Procurement
- > Improve decision-making efficiency by 25%
- > Faster quote-to-ship cycle by 35%

A Leading F&B Distributor:

- > AI-driven automation for warehouse ops, supply chain Performance
- > AR/AP intelligent automation
- > Increase efficiency in procurement by 50%
- > Faster AR/AP process by 45%

A leading Food Seasoning Manufacturer:

- > AI enabled Seasonings R&D formulations & End-use applications recommendation
- > Real time operations & supply chain Performance
- > Faster time to market for new formulations by 46%.
- > Improve supply chain responsiveness for key ingredients by 30%
- > Faster quote-to-ship cycle by 35%

A global Specialty Medical-Adhesives Manufacturer:

- > AI-driven automation chem scientist lab notebooks ,
- > Real time supply chain performance
- > Faster new product development by 26%
- > Increase overall supply chain efficiency by 30%



Korcomptenz

Expert-led Transformations & Impact-led Growth

At Korcomptenz, we lead with expertise - in technology and domain to deliver solutions that align with your business goals. We leverage our experience and robust partner ecosystem to elevate your processes, powering your transformation journey toward impactful growth.

Visit www.korcomptenz.com to learn more or email us at sales@korcomptenz.com.