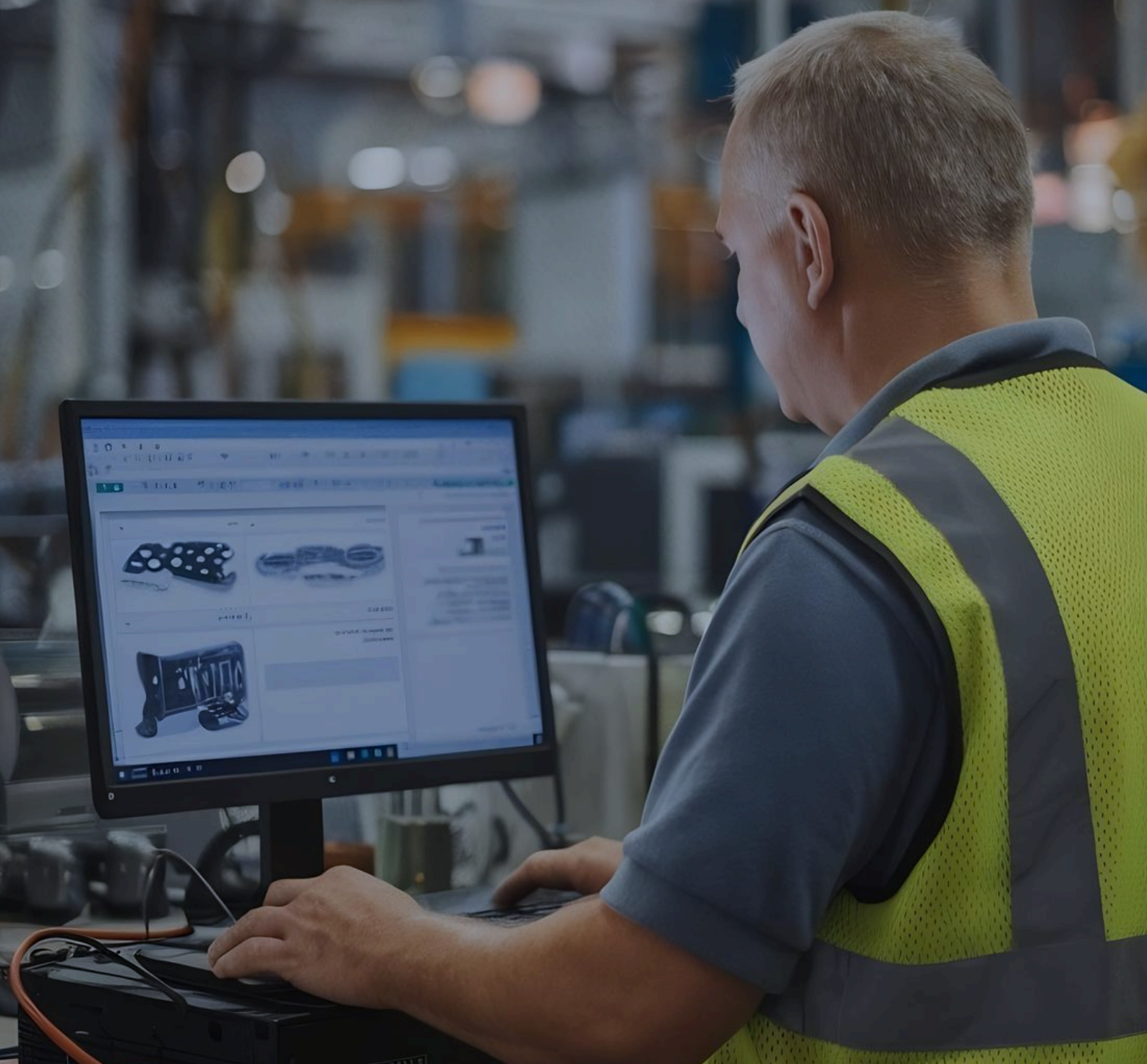


Transforming Manufacturing with AI-Discover Acuvate's Operations NExt

Enhancing Data-Driven Strategies and Predictive
Maintenance Through the Power of Generative AI



The manufacturing industry faces rising costs, unplanned downtime, and siloed data. Acuvate's Operations NExt is a next-gen solution designed to tackle these challenges—enabling data-driven decisions, predictive maintenance, and streamlined operational efficiency across industries.

What Manufacturing Challenges are Solved?

Maintenance:

Rapidly identifies root causes of failures, enabling proactive problem-solving and predictive maintenance.

Operations:

OEE (Overall Equipment Effectiveness) problems are analyzed, casualized, and proactively resolved to optimize production efficiency.

Document Drafting:

Automates the generation of technical manuals, compliance documents, work instructions, and QA reports using Generative AI.

Data Silos:

Empowers factory workers by leveraging OT (Operational Technology) and IT (Information Technology) data to provide automated root cause analysis.



Key Benefits of Acuvate's Operations NExt



Enhanced OEE & Productivity

1. Gain real-time insights to boost data-driven decisions
2. Improve Overall Equipment Effectiveness (OEE)
3. Minimize downtime and maximize production efficiency



Continuous Process Improvement

1. Pinpoint inefficiencies and bottlenecks
2. Enable ongoing optimization
3. Align seamlessly with LEAN manufacturing principles



Empowered Workforce & Skill Development

1. Offer on-demand access to critical knowledge
2. Accelerate training and onboarding
3. Foster continuous skill development for frontline teams



Cost Savings

1. Detect issues early to cut labour and resource costs
2. Reduce production losses
3. Achieve higher operational efficiency with minimal waste



Standardized Operations & Compliance

1. Implement consistent, structured workflows
2. Reduce process variability
3. Ensure adherence to industry regulations



Acuvate's Operations NExt for Manufacturing

Acuvate's Operations NExt is a Generative AI-driven solution that acts as a centralized knowledge hub, accelerating insights for manufacturing teams.



Seamless Data Integration & Smart Insights

Operations NExt integrates with enterprise and external data sources, enabling natural language queries and AI-powered responses. For instance, teams can ask questions in plain language and receive accurate answers by pulling relevant information from ERP systems, manuals, and similar past work orders—guiding them on how issues were previously resolved.



Advanced Analytics & Predictive Intelligence

Using machine vision and predictive analytics, the solution detects anomalies, retrieves historical work orders, and provides actionable recommendations. It proactively alerts teams and enables root cause analysis directly within the platform, enhancing decision-making.



Real-Time Monitoring & Preventive Maintenance

The system tracks asset health, identifies issues like abnormal motor vibrations, and provides timestamped, forecasted data visualizations. It enables teams to drill into time-series data and access tabular views for in-depth analysis and timely intervention.



Seamless Business Application Integration

As a centralized repository, it connects to asset manuals and business systems, allowing teams to generate reports or work orders instantly using simple queries—saving hours of manual effort.



AI-Driven Workforce Assistance & Decision Support

Generative AI bridges skill gaps by guiding frontline workers in real-time. With a click, they receive curated lists of relevant work orders and instructions to execute tasks confidently and efficiently.



Scalability & Operational Efficiency

Built for enterprise-wide deployment, Operations NExt supports multi-factory visibility, streamlining operations and boosting productivity across manufacturing units—driving measurable transformation.



What's Included: 12-Week Proof of Concept (PoC)



Get Started Today!



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