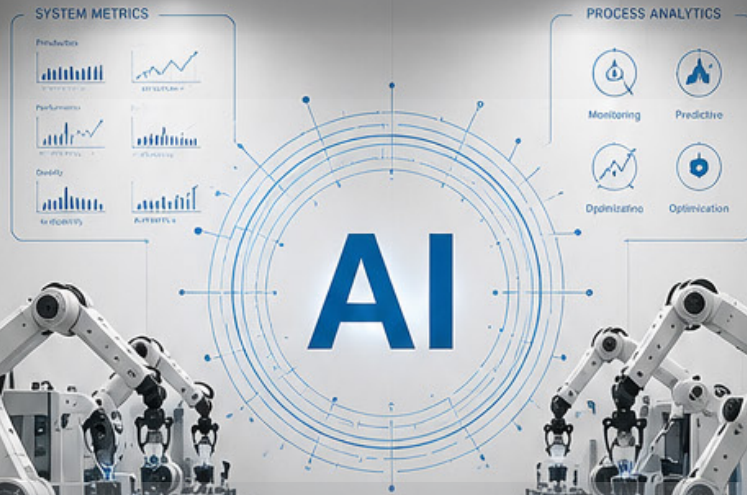




Nexops

Powered by TVS Next

From Data Decisions to Autonomous Action

Manufacturing Orchestration | Industry 3.0 -> 4.0 -> 5.0 | OT/IT Unification
| Industry AI | Closed Loop Execution | Predictive Intelligence |
Autonomous manufacturing

Imagine a Factory That Orchestrates Intelligence

Manufacturers today face **data silos, reactive decision-making, human bottlenecks, and no closed-loop** from insight to action – leaving value locked in disconnected OT, IT, ERP, MES, and supply systems.

NexOps is the **Manufacturing Orchestration Intelligence Solution** – unifying OT and IT data, applying industrial AI, and orchestrating real-time, closed-loop decisions across production, quality, supply, and maintenance.



Why NexOps Matters:

One Orchestration Brain for Your Entire Enterprise

NexOps Unifies OT and IT data as a cloud-native foundation, applies purpose-built industries AI, and orchestrates autonomous, Closed-loop decisions across supply, production, quality, and maintenance – turning data into decisions and decisions into action.



Common Operational Challenges

 Data Silos OT, IT, ERP, MES and supply data work in isolation.	 Limited Visibility Lack of end-to-end visibility across operations	 Delayed Execution Slow response causes downtime and losses.	 Disconnected Shop Floor Machines and systems don't communicate effectively	 No Closed-Loop Insights don't trigger action. Impact is lost.	 Reactive, Not Predictive Decisions are delayed. Outcomes are unpredictable.
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Impact With NexOps

 Unified Data Context	 Real-Time Orchestration & Faster Decisions	 30-50% Reduction in Downtime	 20-30% Improvement in Overall Equipment Effectiveness	 Elevated Operational Efficiency & Cost Savings	 AI-Powered Predictive Resilience
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A Proven Orchestration Path- From Pilot to Enterprise Scale

1



Discover & Assess

Map OT/IT landscape; identify data gaps, integration priorities, and AI opportunity zones.

2



Design & Configure

Design KPIs, orchestration workflows, and role-based dashboards across functions.

3



Connect & Digitize

Unify PLCs, SCADA, MES, ERP, and sensors into the NexOps intelligence layer.

4



Pilot & Optimize

Deploy industrial AI models on targeted production lines; measure, learn, and refine.

5



Scale Enterprise-Wide

Expand across plants and geographies with closed-loop execution and governed AI.

“

Digital transformation is not a one-time implementation – it is a continuous operational evolution.

”

The Intelligent Manufacturing Ecosystem –

Unified. Autonomous. Scalable.

NexOps connects every layer of manufacturing – OT signals, ERP, MES, quality, maintenance, and supply – into one orchestration intelligence platform that predicts, decides, and executes in real time.



Live OT/IT Production Monitoring

Real-time visibility across machines, lines and plants.



Autonomous Predictive Maintenance

AI predicts failures before they occur and recommends actions.



Digital SOPs & Agentic Workflows

Standardize operations with intelligent, adaptive workflows.



Workforce & Skill Intelligence

Track, upskill and optimize workforce performance in real time.



Energy & ESG Monitoring

Monitor energy consumption, emissions, and sustainability metrics.



Vision AI Quality Analytics

Detect defects, ensure quality, and drive process excellence.



End-to-End Production Traceability

Track every part, process, and batch across the entire value chain.



Smart Alerts & Closed -Loop Response

Intelligent alerts that trigger actions and close the loop automatically.

Why NexOps

NexOps unifies your data, processes, and decisions into a single, intelligent orchestration layer – enabling autonomous operations, faster response, and measurable business outcomes across your enterprise.



Unified Data Context

Break silos.
Create clarity.



Intelligent Orchestration

AI-driven
decisions at
scale



Operational Excellence

Improve
performance.
Reduce variability

Why TVS Next

With deep manufacturing expertise and a strong AI-first engineering DNA, TVS Next builds connected, resilient, and future-ready operations that deliver sustained business outcomes



Industry proven

Purpose-built for
manufacturing.



AI-Native Engineering

Innovation built
into the core.



Outcome Driven

Measurable
impact Sustained
Value.

See NexOps in Action

Book a Manufacturing Intelligence Assessment

Discover how NexOps can help you orchestrate your operations, unlock intelligence, and drive measurable business outcomes.

