



Making AI work for you: from explainable to agentic

A practical guide to building resilience and agility with Unison Planning™

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Why AI matters now: turning complexity into competitive advantage

Global supply chains are being reshaped by forces that are both unpredictable and deeply structural, demanding a new kind of leadership. From geopolitical realignment and trade policy nationalism to sustainability demands and talent shortages, the rules of global trade are being rewritten. For supply chain leaders, the mandate is clear: **act fast, adapt continuously, and make smarter decisions.**

Zero100's latest research shows that tariff-related concerns surged from 2% to 20% of earnings call mentions in 2024, and 95% of companies referenced tariffs in Q2 2025. These priorities reflect the growing need for smarter, faster decision-making, especially in planning. That's where AI, and platforms like OMP's Unison Planning™, come in. Yet most of these discussions were neutral in tone. Why? Because supply chain teams have been quietly building resilience, agility, and digital capabilities for years.

This e-book is designed to help you take the next step.

Grounded in real-world use cases, this guide offers practical insights into how AI can deliver measurable value, starting today.

Whether you're driving planning transformation or shaping digital strategy, **the agentic age is here**, and it's redefining how decisions get made. **Let's make AI work for you.**



From signals to scenarios: how to leverage AI

Smarter decisions with AI

AI helps leaders **make better decisions faster** and drive better and more consistent outcomes for the business. But trust is essential. Decisions must be **explainable** and transparent, or they won't be adopted.

Balancing human expertise and machine intelligence

OMP believes in striking the right balance between human expertise and machine intelligence. Our planning solutions become more **autonomous** by monitoring the extended supply chain, **generating event-based, business-focused scenarios**, and providing the best decision recommendations for planners to review and execute. **Machine learning models** continuously learn from those human choices to improve scenario creation.

Companion for explainability and alignment

Generative AI enhances explainability across the ecosystem, ensuring planners, stakeholders, and executives all stay aligned. With **Unison Companion**, generative AI enhances explainability across the ecosystem, ensuring planners, stakeholders, and executives all stay aligned.

UnisonIQ for transforming decision-making

With **UnisonIQ**, a groundbreaking AI orchestration framework, you can quickly transform supply chain decision-making through human-AI synergy. Embedded within the Unison Planning™ platform, UnisonIQ's insightful always-on agents operate in real time, transforming unstructured data into an end-to-end supply chain model, generating scenarios from live data feeds, and closing the loop with strategic recommendations supported by analytics and reports.

Moving toward autonomous AI

This approach reaches beyond AI-powered planner assistance – it's about **autonomous AI that adapts, reasons, and aligns** seamlessly with your business objectives.



OMP provides **real-time simulation, scenario planning, and AI-powered demand forecasting** tools that improve planning accuracy and eliminate waste. These capabilities are essential to building a supply chain that's both agile and sustainable.

Erk Ulugun, Group Head Planning & Logistics, Diageo

Smooth sailing despite the storm

The faster you move, the more disruption you'll face, whether from supply chain shocks, policy shifts, or changing customer demand. You can't plan for every scenario, but you can be prepared to **respond with confidence**.

Reacting isn't enough. The leaders are those who **plan ahead, simulate scenarios**, and make decisions based on real-time data and strategic impact.

Unison Planning™: always on, always ahead

Imagine using **reality-based digital twins** to simulate the impact of external events and offer scenario results for planners to review.

AI continuously proposes alternative solutions, weighs them against your business strategy and KPIs, **and alerts you when a decision point is near**.

Over time, the system learns, adapts, and navigates challenges autonomously, freeing your teams to focus on high-impact decisions that drive business value.

That's **the power of decision-centric planning**: a shift from rigid monthly meeting cycles to continuous, **value-driven decision-making**.

“**Automate, anticipate, accelerate** - that's our planning transformation journey.

It's about seeing what's coming before it hits and acting faster with confidence.

Joe Bitterman, Vice President, Supply Chain Planning - Janssen at Johnson & Johnson



Decision-centric planning for always-on agility

Decision-centric planning shifts away from rigid, process-driven approaches. It starts by identifying the most important decisions and then builds the planning process around them.

Enabling always-on planning

This approach enables an always-on planning capability: one that continuously monitors signals, evaluates scenarios, tests assumptions, and supports fast, coordinated decision-making across the organization.

Making this shift means businesses must **rethink** planning and embed decision-centric **principles** supported by enabling **technologies** such as AI, scenario modeling, and real-time monitoring.

Balancing speed and quality

The goal of decision-centric planning is to enhance decision velocity and decision quality:

- **Velocity:** the speed of making and executing decisions.
- **Quality:** how well-informed each decision is, and how strongly it aligns with business criteria and goals.

This balance allows companies to plan with agility, stay calm in a crisis, and respond quickly to opportunities, while staying proactive and aligned with business strategy.

Planning ahead: end-to-end visibility of the future

By delivering end-to-end visibility of possible futures, decision-centric planning moves organizations from reactive planning to proactive decision-making.

From process-centric to decision-centric planning

Process-centric

- Rigid cycles
- Process dictates decisions
- Reactive & slow



SHIFT

Decision-centric

- Decisions come first
- Always-on, adaptive
- Velocity + quality



Want to learn more about decision-centric planning?

Download the e-book



Evonik Industries AG / Dirk Bannert

Boosting supply performance with AI and decision-centric planning

Evonik Oxeno partnered with OMP to develop a smart workflow framework based on behavioral design principles. It captures user decision intelligence to rapidly generate a wide range of relevant scenarios. Scenario parameters adjust autonomously, enabling faster, more efficient decision-making.

David Kochanek, Supply Chain Solution Manger confirms that this was **a real game-changer**.

Want to learn more about how Evonik Oxeno leverages decision-centric planning?

[Download the full case study](#)

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Scenario-based decision-making using Unison Planning™ for Chemicals has reinforced trust in the system among planners and business executives, effectively boosting the company's performance.

David Kochanek, Supply Chain Solution Manager at Evonik Oxeno



Empower your teams for the agentic age

Planning is evolving - fast

The role of the planner is evolving. As AI becomes more embedded in supply chain workflows, planners are no longer just managing data, they're orchestrating decisions across increasingly complex, interconnected networks.

Fusion teams are key to AI success

Zero100's research shows that fusion teams - cross-functional groups combining supply chain, IT, and data science - are outperforming traditional structures. These teams work in agile, product-centric ways, continuously improving planning workflows and outcomes.

The Fusion Workflow illustrates how tasks like model tuning, deployment, and evaluation are shared across disciplines. It's a practical blueprint for how planners, data scientists, and IT teams can collaborate to make AI work in real-world planning environments.

Source: Zero100

Fusion Workflow

Model Tuning & Validation: ■ Supply Chain ■ IT & Data Science ■ Shared

Envision	Build	Deploy	Evaluate
Business Requirements	Data Gathering	Model Serving	Model Performance Monitoring
Use Case Prioritization	Algorithm Selection	Uptime Assurance	Continuous Updates
Data Availability Check	Model Test	Resource Virtualization	Retraining

Source: Zero100

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Unison Planning™ supports this shift with explainable AI, scenario modeling, and generative tools that help cross-functional teams understand the 'why' behind recommendations, simulate multiple outcomes and trade-offs, and collaborate with confidence.

These capabilities allow teams to focus on strategic decisions rather than manual tasks, driving better planning outcomes across the organization.

They also reflect how the role of planners is evolving:

- **Shaping decisions** with autonomous forecasting focused on real business outcomes
- **Facilitating collaboration** across sales, supply, finance, and marketing
- **Leading transformation** by embracing disruption and driving growth

From data-crunchers to decision-makers:

new perspectives for demand planners

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Explainability and productivity go hand in hand. Agentic AI helps planners automate, while **understanding decisions and responding immediately**, making AI truly value-driven.”

Philip Vervloesem, Chief Commercial & Markets Officer at OMP



[Read the full blog on omp.com](https://omp.com)

AI in action: breakthroughs, case studies, and analyst insights

More insights worth exploring:

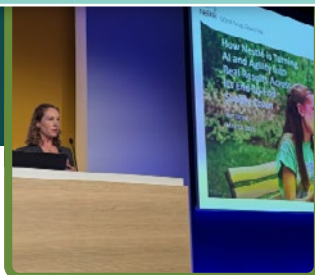
UnisonIQ: the AI breakthrough transforming supply chain decision-making

Discover this innovation

UnisonIQ

How Nestlé is turning AI and agility into real results across the E2E supply chain

Read the takeaways



AstraZeneca's journey to decision-centric autonomous planning

Read the takeaways



The rise of agentic AI: key insights from Zero100 Live London 2025

Listen to the podcast



Ride the digital wave or wipe out – Lessons from the Zero100 Forum 2025

Read the blog post





real expertise | real solutions | real results

40 years of expertise, powered by AI

In a world of constant change — from tightening regulations and shifting trade policies to labor leverage, rising costs, and evolving customer expectations — supply chains must be **agile, resilient,** and capable of **making informed decisions at the speed of business.**

What sets us apart? We combine **40 years of industry expertise** with advanced technology to deliver real results. Our proven, tailored solutions boost your supply chain performance and give you a competitive edge.

That's why hundreds of companies across industries - including consumer goods, life sciences, chemicals, metals, paper, plastics & packaging, tires, and building products - rely on Unison Planning™ to drive success. Our proven, **AI-powered platform** embeds deep industry expertise to **deliver real results.**

OMP's Unison Planning™ helps you tackle your toughest planning challenges, empowering you to make smarter, faster decisions and share them with stakeholders across your supply chain. Turning challenges into opportunities to deliver more business value.

Industry-leading supply chains rely on OMP



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OMP's Unison Planning provides an **integrated, end-to-end platform** that simplifies our current technology landscape. It consolidates planning processes and enables **exception-based, no-touch** planning while enhancing visibility across the supply chain.

Hilary Johnson, Director of Global Integrated Planning Transformation at General Mills

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Thanks to a strong partnership with other chemical companies, we built a **cross-company interface** to directly transfer planning data between systems. Developed by OMP, it now supports our core S&OP process.”

David Kochanek, Supply Chain Solution Manager at Evonik Oxeno

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AstraZeneca and OMP think alike in terms of **rapidity, agility, sustainability, greening, and boldness**. Unison Planning is **intuitive** and offers **the best user experience** for our planners.”

Arun Krishnan, Leader Global Supply Chain and Strategy at AstraZeneca

Let's talk, for real.

Ready to explore how AI can help your business?

Start the conversation today, and let's turn challenges into opportunities. Together.

Connect with us



