



Board Supply Chain Planning Decision-Ready Supply Chain AI Agents



THE PROBLEM

Planning happens in cycles. Your business doesn't.

Supply chain teams already have forecasts, alerts, and dashboards.

When disruption hits, they still lose time on the same questions: what changed, why it matters, which orders are affected, what the options are, and what it costs to act.

This is decision latency — and it isn't a data problem. It's a structural one: the people, systems, and context that need to act are not connected to the same planning model when it matters most.

60%

of planners revert to Excel despite investment in new planning systems

40%

of planning review time spent establishing what happened — not deciding what to do

2.7x

more likely to achieve planning AI ROI with a governed operating model

Sources: Oliver Wight EAME 2025; Capgemini AI in Supply Chain 2026; SCM Review Apr 2026.

“A recommendation without full planning context isn't a decision. It's a starting point.”

WHY FRAGMENTED AI ISN'T THE ANSWER

Any agent can automate a decision. Only Board optimises it to your operating model.

Every planning AI vendor offers agents. What they don't all offer is the planning foundation those agents need to operate inside. When AI is layered on top of disconnected systems — demand in one place, supply in another, finance somewhere else — the recommendation it produces is technically generated but operationally incomplete.

It doesn't know the capacity constraint already committed. It doesn't see the inventory position across the network. It can't account for the supplier lead time locked in last week. So before a planner can act, they reconcile. They cross-reference. They build the spreadsheet the agent couldn't.

That reconciliation step is where planning value is destroyed. Not in the quality of the AI — in the gap between what it sees and what the operating model requires.

KEY TAKEAWAY

AI agents are only as effective as the planning foundation they operate inside. Complete decisions require complete context — demand, supply, inventory, S&OP, and finance connected in one model, aligned to the operating model your business already runs.

THE BOARD APPROACH

Agents that work inside your planning model. Not around it.



Board Supply Chain Planning Agent is built inside a unified planning environment where demand, supply, inventory, S&OP, and finance connect in one model. The agent doesn't summarise disconnected data — it operates with full planning context. Every recommendation it makes is already aligned to your operating model: the constraints are real, the costs are current, the trade-offs are visible.

What makes this different is what the agent knows before it acts. Board lets you define your operating model inside the plan itself — your service priorities, your growth targets, your inventory policies, your cost guardrails. The agent doesn't just automate planning decisions. It optimises them against the goals your business is actually running to. That's not AI working on your plan. That's AI working inside it.

The agent follows a consistent decision workflow across every planning scenario:



Detect

Identifies signals that require a planning decision



Explain

Shows what changed, why it matters, and who is affected



Simulate

Models options with full cost, service, and margin impact



Align

Surfaces trade-offs for cross-functional sign-off



Act

Executes within governed thresholds once the planner approves

WHERE AGENTS CREATE PLANNING VALUE

One planning foundation. Every supply chain decision.

Use case	Planning friction	What the agent does	Business outcome
Demand Planning Risk & Opportunity Agent	Demand signals spike or diverge from forecast. Planners can't separate noise from decisions that matter — so everything gets escalated, or nothing does.	Detects and prioritises demand signals. Separates risks from opportunities. Surfaces service, inventory, and revenue impact before the weekly review.	Teams focus on decisions, not signal triage. Revenue and margin risks caught before they become service failures.
S&OP / IBP Meeting Insights Agent	Planning reviews spend 40% of the time on last week. Trade-offs between service, cost, and margin are never fully visible. Decisions get deferred.	Prepares the review automatically. Surfaces unresolved trade-offs, open assumptions, and cross-functional gaps before the meeting starts.	Reviews become decision meetings, not status updates. Operations and finance leave aligned, not with actions to follow up.
Supply Planning Feasibility Agent	Supply plans are built against one constraint at a time. Capacity, sourcing, inventory, and cost are evaluated separately — often after commitments are already made.	Evaluates feasibility across all constraints simultaneously. Flags where plans break, models alternatives, and shows the cost and service trade-off of each.	Supply decisions made against reality, not assumptions. Cost impact visible before commitment. Less firefighting.

GOVERNANCE

Every recommendation is explainable. Every decision is yours.

The planning teams that get the most from AI agents are not the ones that hand over the most decisions. They're the ones that use AI to make better decisions — while staying clearly accountable for the outcomes.

Board Supply Chain Agent surfaces signals, ranks options, and models impact. Planners set the assumptions, challenge the logic, and approve what moves. Every recommendation is traceable. Every action is governed and written back to the live plan with full auditability. This isn't a constraint on what the agent can do — it's what makes it trustworthy enough to use at scale.

“
Autonomous-ready does not mean planner-free. It means decision-ready.
”

54% of supply chain planning leaders say they want AI to recommend — and humans to decide. Board is built for exactly that.

Source: State of Supply Chain 2026, industry survey of 514 supply chain leaders.



Trusted by Supply Chain Leaders

Proven in production. Adopted at scale.

Board's supply chain planning platform is in active use across manufacturing, CPG, and industrial sectors — delivering double-digit inventory reductions, 30–80% faster decision cycles, and materially improved forecast accuracy.



KUKA

StarKist

m MAHOU SAN MIGUEL

Gigaset

Δ Aurubis

■ BASF
We create chemistry

KraftHeinz

Join **3,000+** planning professionals in the Board Community — sharing merchandising best practices, solution blueprints, and the innovations that make the difference.

community.board.com

PLATFORM ARCHITECTURE

One Platform. One Version of the Truth. Confident Supply Chain Decisions.

Board is the Contextual Decision Layer that connects demand, supply, inventory, finance, and S&OP in a single unified model — turning governed data into trusted plans, coordinated actions, and measurable outcomes. AI operates through Board's semantic model, security, and workflow context. There is no synchronisation between layers, no reconciliation overhead, and no gap between what the agent sees and what the operating model requires.

The result: agents that inherit full planning context the moment they act — not a copy of it, not a summary of it. This is the architectural reason Board agents optimise decisions rather than merely automate them.

Data connectivity **In-memory compute** **Unified planning model** **Analytical AI**

Agentic AI **Governance & auditability** **Cloud or on-premise**