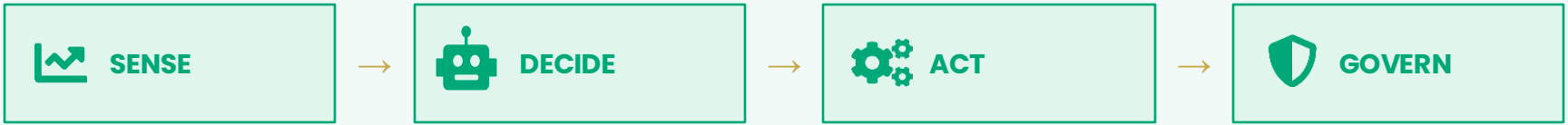
Agentic AI for Supply Chain

Autonomous Execution Across Planning, Procurement & Logistics

From fragmented operations → to real-time decision systems



Supply chains are moving from planning → execution intelligence

Your plans are optimized — your execution isn't

PLANNING TOOLS EXIST:

- SAP IBP for resource planning
- o9 / Kinaxis for optimization
- Procurement platforms and ERPs

→

BUT EXECUTION IS:

- Manual and reactive to disruptions
- Siloed across suppliers and logistics
- Always behind real-time signals

Your plans are optimized — your execution isn't

The gap between planning and execution is where margin is lost

What supply chain leaders deal with every week

Direct from procurement, logistics, and demand planning teams

> *Supplier delays trigger manual coordination across teams — every single time*

SUPPLY CHAIN OPS

> *Demand planning is always behind reality — we're always reacting to last week*

DEMAND PLANNING

> *Procurement cycles are slow and inefficient — RFQ takes 6 weeks minimum*

PROCUREMENT

This is not a planning problem — this is an execution orchestration failure

Supply chain inefficiency directly impacts EBITDA — and nobody owns the fix

The cost of execution gaps

Where every execution failure becomes a direct EBITDA impact

2–3

Days Per Shortage

Production disruption per supplier shortage event

8–10%

Savings Lost

Procurement savings left uncaptured in every cycle

Margin

Inventory Mismatch

Overstock and stockouts driving markdown losses

Slow

Demand Response

Delayed response to real-time demand signals

Supply chain execution inefficiency directly impacts EBITDA — every day

Why planning tools are not enough

Each tool solves one layer — none connect signals to autonomous execution

SYSTEM	PRIMARY FUNCTION	CRITICAL LIMITATION
SAP / IBP	Enterprise resource and supply planning	Planning only — no autonomous execution
Kinaxis / o9	Supply chain optimization and simulation	Optimization only — humans still execute
Procurement Tools	RFQ and vendor management workflows	Workflow only — no autonomous evaluation
Excel	Manual tracking and coordination	Manual dependency — unscalable at speed

No system connects signals → decisions → execution autonomously

From planning systems → autonomous execution systems

Connecting real-time supply chain signals to autonomous operational action

01

SIGNAL

Supplier delay detected.
Demand spike sensed.
Inventory threshold crossed.

02

DECISION

Governed decision made with full context, lineage, and compliance.

03

ACTION

PO raised. Route optimized.
Inventory reallocated.
Autonomously.

Touchless execution across the entire supply chain

Signal → Decision → Action: the only framework that closes the supply chain loop

The Reasoning Infrastructure Stack

Three integrated layers — built for governed, autonomous decisioning

ElixirData

Supply Chain Context

Supplier, demand, and inventory context unified in real time. Single signal layer across ERP, WMS, logistics, and demand platforms.

↓

ElixirClaw

Agentic Execution

Autonomous execution: procurement, logistics, allocation. Connected to SAP, WMS, and procurement systems with full audit trail.

↓

ElixirHub

Supply Chain Agents

Pre-built agents: SupplyTrace, ProcureAI. Plug-and-play for cross-industry supply chain operations.

The only platform that connects supply chain signals to autonomous execution at enterprise scale

Supplier Risk & Disruption Management

Real-time supplier monitoring with autonomous escalation and response

PROBLEM

- Supplier delays detected late — after cascade has begun
- Manual coordination across procurement and production teams

→

SOLUTION

- Real-time supplier risk monitoring across all tiers
- Autonomous escalation and response workflows

→

OUTCOME

- Disruption eliminated before cascade
- Faster response cycles

From supplier delay to autonomous resolution — in minutes, not days

Demand-Supply Synchronization

Real-time demand sensing with autonomous allocation across the network

PROBLEM

- Forecast lag vs real-time demand signals
- Overstock in one node, stockout in another

→

SOLUTION

- Real-time demand sensing across all channels
- Autonomous inventory allocation by SKU and region

→

OUTCOME

- Stockouts eliminated
- Waste and overstock reduced

Stop managing yesterday's demand — execute on today's signals

Procurement Decision Automation

Autonomous bid evaluation from RFQ to vendor selection

PROBLEM

- RFQ cycles taking 6 weeks end-to-end
- Manual vendor evaluation with no audit trail

→

SOLUTION

- Autonomous bid evaluation and vendor scoring
- Supplier selection with full decision lineage

→

OUTCOME

- 6 weeks → 1 week
- 8–10% cost savings captured

From 6-week RFQ cycles to 1 week — fully autonomous and auditable

Logistics & Distribution Optimization

Dynamic routing with real-time logistics decisions and dispatch

PROBLEM

- Static routing ignoring real-time conditions
- Inefficient dispatch adding cost and delay

→

SOLUTION

- Dynamic routing with real-time optimization
- Autonomous dispatch and load balancing

→

OUTCOME

- Faster delivery times
- Significant cost optimization

From static routes to dynamic, real-time logistics execution

End-to-End Traceability & Compliance

Tier 1–3 mapping with autonomous compliance and audit workflows

PROBLEM

- No visibility beyond Tier 1 suppliers
- ESG compliance gaps growing under new regulation

→

SOLUTION

- Tier 1–3 supplier mapping and monitoring
- Autonomous compliance workflows and reporting

→

OUTCOME

- Audit-ready supply chain always
- Reduced regulatory and ESG risk

From supply chain blind spots to full traceability — audit-ready by default

Measurable Supply Chain Outcomes

Quantified results from live cross-industry supply chain deployments

↓80%

Procurement Cycles

From 6 weeks to 1 week with autonomous RFQ and vendor evaluation

Eliminated

Disruptions

Supplier delays resolved before they cascade into production stops

Optimized

Inventory

Real-time allocation eliminates overstock and stockouts

Captured

Cost Savings

8–10% procurement savings no longer left on the table

These are production outcomes — not pilot projections from live supply chain deployments

What This Looks Like in Production

Real customers. Real deployments. Measurable outcomes.

CPG / SUPPLY CHAIN

P&G

Global data governance platform managing supply chain decisions at enterprise scale.

CPG

Beam Suntory

Shelf + supply chain demand intelligence with autonomous allocation.

MANUFACTURING

Chicago Industries

IoT integration + real-time operations intelligence.

LOGISTICS

4Flow

Supply chain analytics and logistics optimization.

OUTCOMES IN PRODUCTION

- RFQ cycle: 6 weeks → 1 week
- Production disruption eliminated
- Inventory visibility improved
- Supply chain compliance audit-ready

Our supply chain clients deploy and scale — they don't stay in pilot

Fast Time to Value

A structured, time-boxed path from proof-of-concept to full rollout

01

PHASE 01: PILOT

4–6 Weeks

- Priority use case scoped
- Stack integration completed
- Agents configured
- First outcomes validated

→

02

PHASE 02: FULL ROLLOUT

8–12 Weeks

- All agents deployed
- Compliance layer enabled
- Audit trails live
- Team onboarded

Start with one use case → expand across the entire supply chain

Not a 12-month transformation — production in 8–12 weeks

Structured, Predictable Investment

Three clear tiers — aligned to how value is delivered and realized

01

ONE-TIME

Implementation

Scoping, integration, configuration, and deployment of the decision intelligence platform into your environment.

02

ANNUAL

Platform License

Full access to ElixirData, ElixirClaw, and ElixirHub — including domain-specific agent packs.

03

ONGOING

Continuous Intelligence

Model tuning, compliance updates, new agent packs, and dedicated success engineering.

Transparent pricing. Predictable investment. ROI visible from pilot.

Why not traditional supply chain tools?

Planning tools optimize. Procurement tools manage. We execute decisions autonomously.

PLATFORM	WHAT THEY DO	WHAT THEY MISS
SAP / IBP / Kinaxis	Supply chain planning and optimization	Plan and optimize — no autonomous execution
Procurement Platforms	RFQ management and vendor workflows	Manage workflows — no autonomous evaluation
Analytics / BI Tools	Reporting, insight, and dashboard display	Report — no real-time action capability
XenonStack	**Signal → Decision → Autonomous Action**	**Nothing — this is the complete loop**

> *We execute decisions autonomously — from signal to action without human handoff*

Planning tools plan. Procurement tools manage. XenonStack executes.

Map this to your supply chain

I can map this to your supplier + demand + procurement workflows in 15 minutes

I can map this to your supplier, demand, and procurement workflows in 15 minutes — and identify exactly where autonomous execution will recover margin.

No slides. No pitch. Just a direct mapping of your pain to our architecture.

BOOK YOUR 15-MINUTE SESSION →

Where does execution break today?

Pick your highest-impact supply chain pain — we'll start there

01

Supplier Delays

Manual coordination cascading into production disruptions and missed commitments

02

Demand Mismatch

Forecast lag driving overstock in some regions and stockouts in others

03

Procurement Cycles

6-week RFQ processes losing 8–10% in savings every cycle

04

Logistics Inefficiency

Static routing and poor dispatch adding cost and delay to every shipment

Every deployment starts with the highest-impact problem — then we expand

Strategic Cloud & Technology Partnerships

Deep integrations across cloud, data, and enterprise platforms

AWS	Microsoft Azure	Snowflake	Databricks	ServiceNow

AWS ADVANCED TIER PARTNER

- 4 AWS Competencies: DevOps, ML, Cloud Ops, Data & Analytics
- AWS Managed Service Provider
- Amazon Kinesis Delivery Validation
- 50+ AWS Certifications
- 20+ Customer Launches

MULTI-CLOUD MARKETPLACE

80+ Solutions on AWS Marketplace

30+ Solutions on Azure Marketplace

Enterprise-ready · Accelerated procurement

WHAT THIS MEANS FOR CO-SELL:

- Faster enterprise deal closure
- Pre-integrated cloud ecosystems
- Drives cloud consumption
- Scalable AI transformation

Pre-integrated with cloud ecosystems — faster deals, faster deployment, proven at scale

From planning → to autonomous supply chain execution

Agentic AI for Supply Chain — XenonStack

Ready to map this to your operations? Let's talk.