

SOLUTION OVERVIEW

Infios Archer™



The problem

Across the supply chain, AI has proven it can generate insights, recommend actions, and automate tasks. What remains unsolved is whether AI can operate inside real execution workflows, using live operational context to coordinate actions across Order, Warehouse, and Transportation Management Systems.

In complex execution environments, workflows span systems. Data models differ. Exceptions move quickly. Governance is critical. That is where many pilots stall.

To scale, AI needs more than insight. It requires execution authority, shared context, deep integration, and control.

A new approach to execution

Infios Archer coordinates decisions and actions across OMS, WMS, and TMS environments in real time—operating inside execution workflows without requiring rip-and-replace.

Infios Archer creates shared operational context, evaluates cross domain impact and coordinates governed actions. It is not a copilot, point solution, or standalone AI layer. It provides the architecture needed to orchestrate agentic execution: runtime execution, shared context, integration, workflow configuration, and governance.

The result: execution systems operate as one environment, not isolated functions; while decisions move from insight to coordinated action with speed, control and auditability.

Key benefits

Coordinates execution in real time

Aligns decisions and actions across OMS, WMS, and TMS, without overlays or re-platforming.

Scales agentic workflows

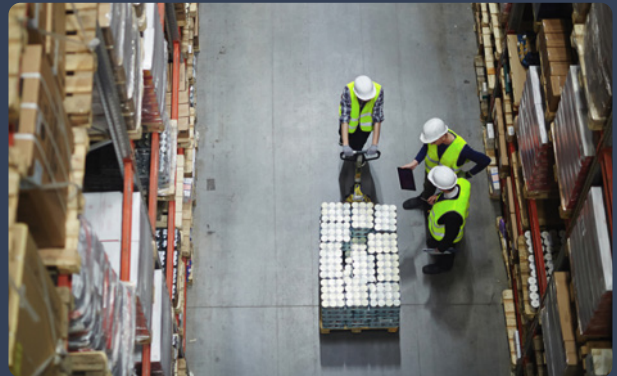
Enables teams to build, adapt, and deploy workflows with configurable guardrails.

Reduces integration overhead

Connects systems, partners, and data to create shared operational context across domains

Governs autonomy at every stage

Applies customer-defined policies, approval gates, and escalation paths with full traceability.



Why Infios Archer



Built for governed, cross-system decisioning

Infios Archer coordinates decisions and actions across order, warehouse, and transportation workflows, where execution happens. Every action follows defined policies, thresholds, and approval paths. This is execution intelligence inside workflows, not analytics layered above them.



Designed to scale beyond pilots

Infios Archer starts with high-friction workflows and expands across domains without re-architecting the environment. It is built for production, where integration depth, throughput, governance, and operational complexity determine whether AI scales.



A system of action that scales autonomy

Infios Archer coordinates, executes, and tracks decisions across systems. As autonomy increases, governance increases with it. Customer-defined policies control what is automated, when approvals are required, and how exceptions are escalated.

The outcome

Infios Archer moves supply chain AI from experimentation to operational reality, turning intelligence into coordinated action where execution actually happens.

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How it works

Infios Archer operates inside execution workflows across Order, Warehouse, and Transportation systems. It senses operational signals, translates them into shared context, decides what to do, and acts through governed agents with defined levels of autonomy.

Create shared execution context across systems

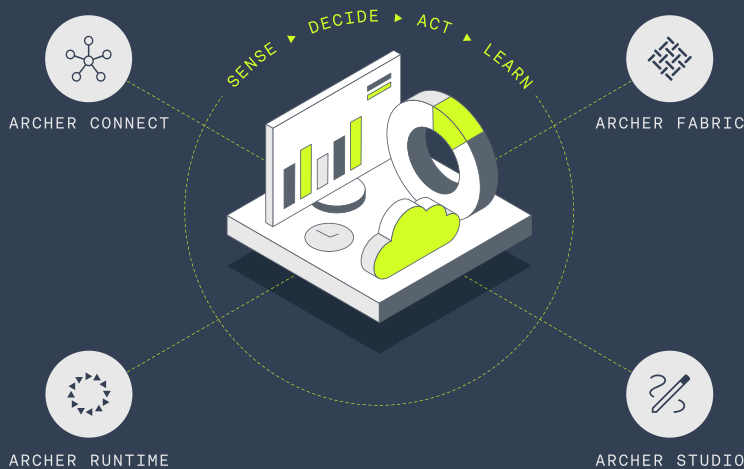
Infios Archer continuously ingests real-time signals from OM, WM, TM and external sources, then maps them into a common semantic layer. This creates a shared execution context that lets OM, WM and TM act from the same reality.

Evaluate tradeoffs using execution-aware intelligence

Infios Archer evaluates constraints, priorities, and downstream impact across orders, inventory, labor, and transportation to generate decisions. It understands how actions in one domain affect others, for example how a delayed inbound shipment impacts order promises and transportation plans.

Execute through a governed system of action

Once a decision is made, Infios Archer coordinates agentic actions across OM, WM and TM through a governed runtime environment. A graduated framework scales agentic action from recommendations to autonomy with human oversight.



Infios Archer: a closer look

Agents and copilots assist work within systems. Infios Archer orchestrates agentic workflows across the execution chain, to continuously sense, decide, act and learn.

Archer Runtime coordinates agentic decisions and actions across OMS, WMS, and TMS in real time

Archer Fabric creates shared operational context across systems without long data engineering projects

Archer Connect maps data from files, APIs, and EDI into execution-ready workflows

Archer Studio's no-code environment lets teams scale agentic workflows with governed autonomy

Infios Archer enforces customer-defined policies and escalation paths to scale autonomy safely

Agentic workflows

Infios Archer workflows target specific operational pain points, removing friction from day-to-day operations. Infios Archer continuously learns from outcomes to improve supply chain decisions and execution, creating a continuous improvement loop.



Order workflow creation

Generates new order processes from natural language instructions. New channels go live in hours, accelerating time-to-value.



Automated order entry

Creates transportation orders from unstructured requests. Accelerates processes and relieves planning teams.



Driver call check

Automatically calls drivers, captures truck location and ETA and updates the TMS. Helps teams scale and improves service levels.



Order error resolution

Investigates blocked orders, surfaces the root cause, and recommends next steps to keep orders moving through the warehouse.



Ready to learn more about Infios Archer?

GET STARTED