DATA SHEET

C3.ai

C3 AI Supply Chain Suite

Build Resilient, Effective, and Efficient Supply Chains

98%
Reduction in production planning & scheduling time

20%
Increase in demand forecast accuracy

10%
Reduction in sourcing costs

25%
Reduction in excess inventory levels

Introduction

C3 AI® Supply Chain Suite enhances supply chain resilience, agility, and efficiency with three core capabilities: supply chain digital twin, agentic AI applications, and intelligent AI agents. By unifying all relevant data from internal and external systems into the C3 AI Supply Chain Digital Twin, a comprehensive semantic object model ontology, the suite provides a consistent foundation for advanced analytics and decision support. Built on this foundation, C3 AI offers both prebuilt and composable AI applications, covering every critical area of the supply chain, including demand intelligence, supply planning orchestration, optimized execution, and resilience and risk monitoring. These flexible applications enable enterprises to rapidly configure dashboards, visualizations, and AI-driven decision workflows tailored to their unique business needs. Intelligent, domain-specific AI agents augment these applications by orchestrating complex, customizable workflows, providing actionable recommendations, and enabling proactive, data-driven decision-making across the enterprise.

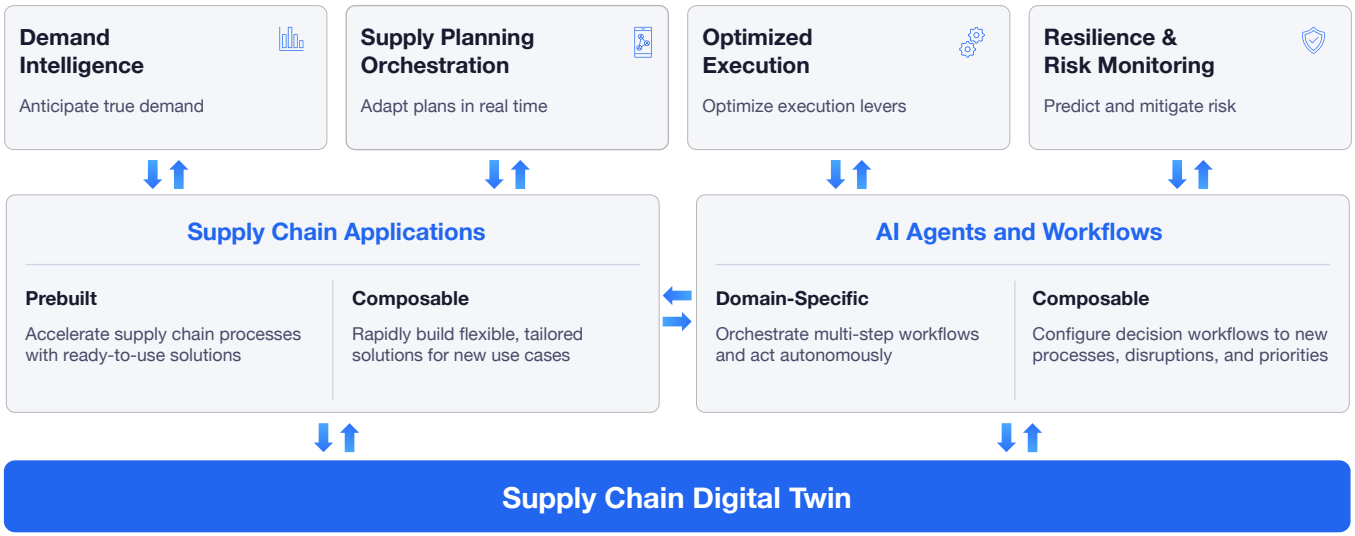

Figure 1. *Built on the powerful C3 AI Supply Chain Digital Twin, intelligent AI agents and the C3 AI Supply Chain Suite applications enable rapid, scalable solutions to complex supply chain challenges.*

Unified Data Foundation: C3 AI Supply Chain Digital Twin

C3 AI Supply Chain Digital Twin is a dynamic, virtual representation of the enterprise's entire supply chain. The digital twin continuously synchronizes real-time data from internal systems (ERP, TMS, WMS) and external sources (e.g., supplier updates, logistics feeds, customer orders) and provides a single source of truth for planning, execution, and analytics. This unified foundation enables AI applications and agents to generate actionable insights, orchestrate workflows, and support decision-making across the organization.

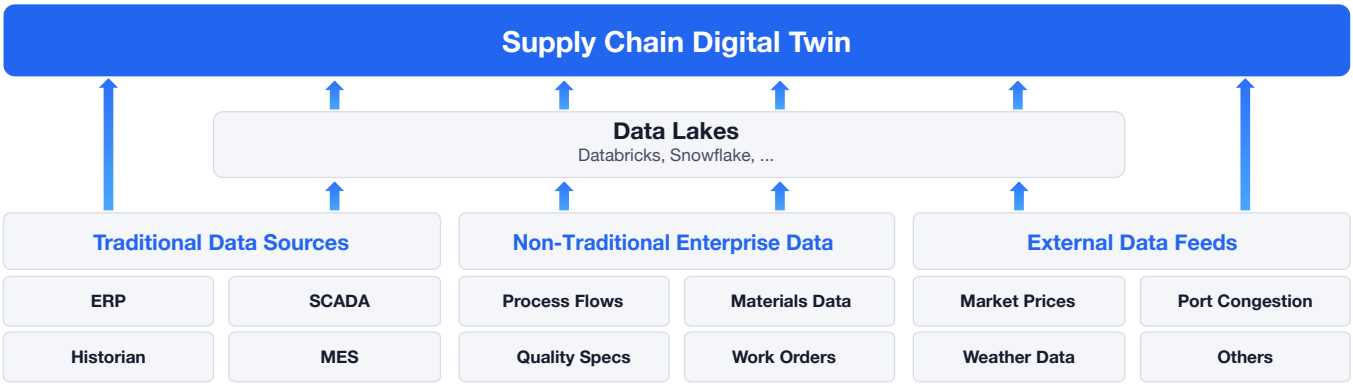

Figure 2. *The C3 AI Supply Chain Digital Twin integrates all relevant internal and external supply chain data into a unified model, creating a single source of truth for AI-driven insights, intelligent workflows, and proactive decision-making across the supply chain.*

Prebuilt and Composable AI Applications

The C3 AI Supply Chain Suite delivers a library of prebuilt and composable AI applications covering critical areas of the supply chain, including demand intelligence, supply planning orchestration, optimized execution, and resilience and risk monitoring. Prebuilt applications such as C3 AI Demand Planning and C3 AI Inventory Optimization help enterprises improve forecast accuracy, align plans and execution, optimize operations, and proactively manage disruptions. Enterprises can create composable applications tailored to specific needs, such as network production planning, distribution planning, assortment optimization, supplier portal, and demand risks monitoring. Users can configure dashboards, visualizations, and decision workflows without extensive coding, accelerating adoption and implementation. C3 AI provides the flexibility to extend or adapt solutions as business priorities evolve, enabling enterprises to rapidly deploy targeted AI-driven solutions across their supply chain.

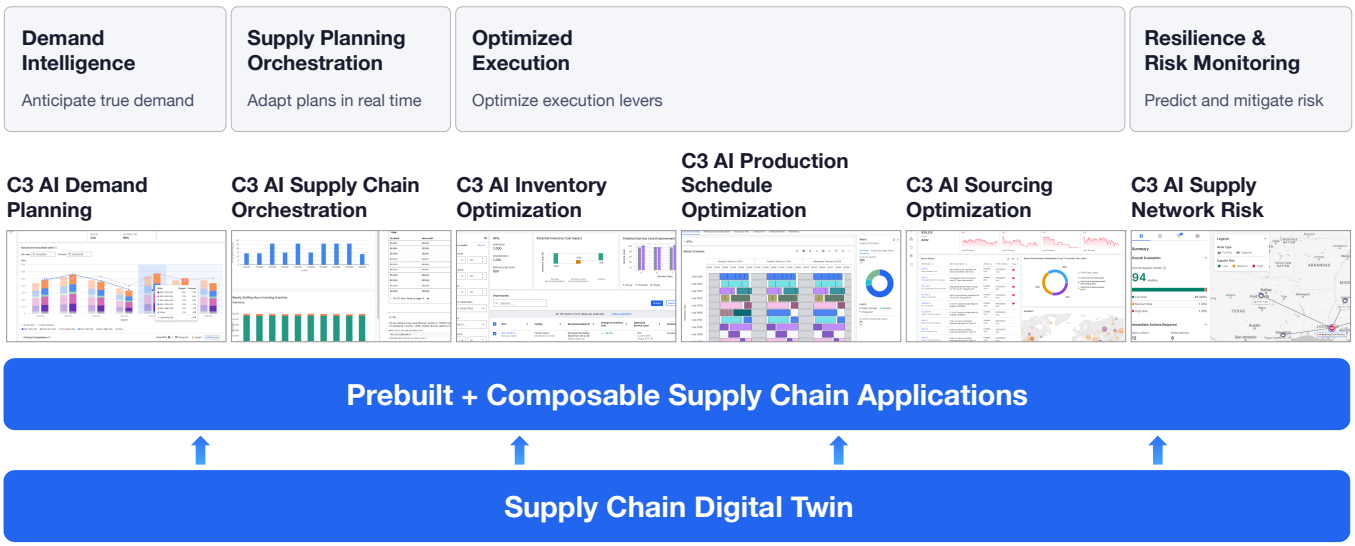

Figure 3. *Agentic AI applications provide end-to-end supply chain management by addressing every critical area, including demand intelligence, supply planning orchestration, optimized execution, and resilience and risk monitoring.*

The C3 AI Supply Chain Suite delivers a portfolio of agentic AI applications designed to address every part of the supply chain process:

Applications	What it Does	End Users	Benefits
C3 AI Demand Planning	Automatically generate highly accurate forecasts and align cross-functionally	Demand Planners	Increase forecast accuracy and unify planning
C3 AI Supply Chain Orchestration	Accelerate end-to-end planning and execution with intelligent AI agents for advanced decision	Supply Chain Planners	Gain real-time visibility and accelerate decision-making
C3 AI Inventory Optimization	Optimize inventory parameters and placement across the network	Inventory Managers	Reduce excess cost and maximize service levels
C3 AI Production Schedule Optimization	Dynamically optimize production plans to adapt to real-time conditions	Production Schedulers	Improve on-time completion rates and resource utilization
C3 AI Sourcing Optimization	Identify price leakage and supplier risks in advance to uncover cost-saving opportunities and optimize supplier negotiations	Sourcing/Procurement Managers	Reduce sourcing cost and improve supplier performance
C3 AI Supply Network Risk	Automatically generate highly accurate forecasts and align cross-functionally	Supply Chain Analysts	Improve lead time prediction accuracy and maximize OTIF performance
Composable Applications	Automatically generate highly accurate forecasts and align cross-functionally	Supply Chain Teams	Address evolving business needs quickly

Domain-Specific and Configurable AI Agents

A network of intelligent, domain-specific, and configurable AI agents enhances decision-making and supply chain workflows. Agents can initiate multi-step decision processes, coordinate actions across teams, and respond autonomously to changing conditions. For example, when a supplier disruption is detected, a procurement agent can source qualified vendors, launch RFQs, manage responses, negotiate terms, and trigger downstream actions in a single workflow. These agents continuously learn and adapt from each decision and outcome, optimizing processes over time to improve efficiency, resiliency, and responsiveness. Agentic workflows can be fully customized to align with an organization's operating model, connecting planning, execution, and analytics across systems without requiring rip-and-replace implementations. By augmenting the applications, the agents provide actionable recommendations, evaluate outcomes, and enable enterprises to rapidly scale unified, agentic decision workflows to new processes and use cases, unlocking operational agility across the supply chain.

	Planning (S&OP)		Execution (S&OE)	
Supply Chain Agents	Capacity & Supply Planning Sourcing – RFQ automation	Should Cost Modeling Tariff Agent	Similar Part Analysis Should cost & Total Cost Modeling	Disruption Agent Supplier Repricing
Supply Chain Capabilities / Workflows	Forecast Explainability Material Resource Planning Network Production Planning Demand Sensing	Supplier Collaboration Inventory Allocation Optimization Assortment Optimization	Multi-echelon Inventory Optimization Procurement Savings Identifier Supplier Search Control Tower	Production Schedule Optimizer Supplier Collaboration / Portal Demand Risks Monitoring Supplier Risk
Common Utilities	Scenario Modeler On-demand Model Training	Alerting	Anomaly Detection	Generative Visualizations
Supply Chain ML Models	Lead Time Throughput NPI Planning	Fill Rate Demand Forecasting Hierarchical Reconciliations	Out-of-stocks Demand Sensing	Should Cost Modeling

Composable Decision Workflows

Figure 4. *C3 AI Supply Chain Suite leverages a network of prebuilt and composable AI agents and models to deliver advanced decision support*

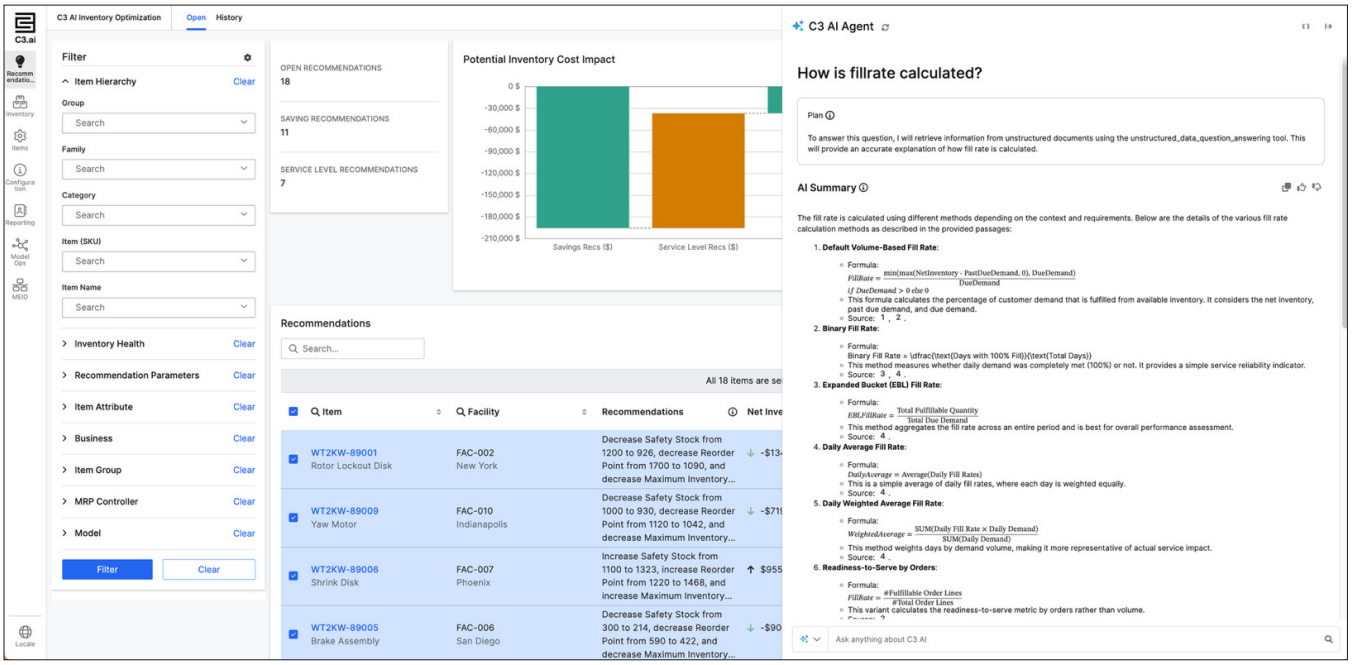

Figure 5. *C3 AI Supply Chain Suite applications have embedded AI agents that support in-app workflows.*

C3 AI is transforming how enterprises solve supply chain challenges by providing a comprehensive AI technology stack: a unified data foundation, composable AI applications, and configurable AI agents and workflows.

Experience the power of autonomous, intelligent supply chain operations and drive measurable business impact with C3 AI.

Proven Results in Initial Production Deployment

Visit C3.ai/get-started