

# **G** C3 AI Sourcing Optimization

## **AI-Optimized Sourcing Management**

C3 Al<sup>®</sup> Sourcing Optimization is an enterprise AI application that improves sourcing decisions to lower costs, increase efficiency, and minimize supply chain risks. Using C3 AI Sourcing Optimization, sourcing managers can leverage AI and advanced machine learning capabilities to monitor all sourcing activity within a single pane of glass, and mitigate supplier risks to avoid disruptions to the supply chain.

C3 AI Sourcing Optimization unifies all internal and external data across purchase orders, suppliers, inventory, raw materials, market indices, news, weather, and other sources to provide a unified view of all sourcing activity. C3 AI Sourcing Optimization then applies AI and advanced machine learning on the unified data to generate a rich set of insights including price changes, anomalous correlation with indices, supplier health monitoring, order delivery performance tracking, fulfillment risks, and more. C3 AI Sourcing Optimization exposes the AI insights via configurable alerts to help guide supply chain executives and sourcing managers discover savings opportunities and make better sourcing decisions. AI insights continuously improve with user feedback.

C3 AI Sourcing Optimization is a workflow-enabled application and provides native integrations into existing ERPs, supplier management systems, and procurement tools for rapid configuration.

5	C3 AI Sourcing Optimization								
<b>*</b> ⊲ 4	Open PO Lines <b>0</b> Value \$35,332 Count 6432	Active Alerts 46 *5 Last 30 days	Active Supplier Ale Total Read Unread		Active Ite Total Read Unread		Active PO Line Total Read Unread		
٥	Spend Performance Breakdown (La	ist 12 months) 🕕		Active Alerts					
▣				Alert Type ÷		Alert Description New lowest price identified for 'Item ID I453425' ('item	Status ¢ Unread	Time Created 07/12/2021	Flag ¢
*	Unit price is at lowest price   Unit price is between lowest and average price  Unit price is above average price			Item ID Unexpected Price		description') Unexpected price increase for 'item ID' ('item description')	Unread	07/12/2021	
				PO Line ID PO Requested Delivery Date		Requested delivery date change for 'PO Line ID' ('Supplier ID')	Unread	07/12/2021	
	Suppliers					Short-cycle delivery requested fo 'PO Line ID' ('Supplier ID')	or Unread	07/12/2021	
						D-U-N-S credit risk identified for Supplier 4938482	Unread	07/12/2021	
				Supplier ID Index Pricing And		D-U-N-S credit risk identified for Supplier 4938482	Unread	07/12/2021	
			•			Index-to-price correlation anomaly identified for 'item ID'	Unread		
				Item ID New Lowest Price		Index-to-price correlation anomaly identified for 'item ID'	Unread	07/12/2021	
	<u>م</u> من من من					Index-to-price correlation anomaly identified for 'item ID'	Unread	07/12/2021	
	•••			Item ID New Lowest Price		Index-to-price correlation anomaly identified for 'item ID'	Unread	07/12/2021	
	- A come		Item ID Index Pricing And		Index-to-price correlation anomaly identified for 'item ID'	Unread	07/12/2021		
				Item ID New Lowest Price		Index-to-price correlation anomaly identified for 'item ID' Index-to-price correlation	Unread	07/12/2021	
						Index-to-price correlation anomaly identified for 'item ID' Index-to-price correlation	Unread	07/12/2021	
			>\$50M	Item ID New Lowest Price		anomaly identified for 'item ID' Index-to-price correlation	Unread	07/12/2021	
		Spend (12 months)				anomaly identified for 'item ID'	Unread	07/12/2021	
		# of Alerts 0	2 3+						н

#### **Feature Summary**

- Single pane of glass view into all sourcing operations – Unify all internal sourcing data and blend it with external data to provide visibility into supplier, item, and purchase order level performance
- Detailed spend analysis Analyze sourcing spend across items and suppliers over time, with the ability to drill down to individual item, supplier or purchase order line level detail
- Sourcing price optimization Lower sourcing costs by proactively identifying lowest cost options along with the associated supplier risks
- Pricing anomaly detection –
  Leverage AI to detect pricing divergence and fluctuations by proactively monitoring price variances across suppliers and tracking item price correlation with market price indexes
- Al-based supply chain risk management – Identify fulfillment risks and improve visibility into purchase order delays early on to mitigate downstream supply chain and manufacturing risks
- Supplier performance management Monitor supplier health and purchase order fulfillment performance, detect early signs of deterioration in performance

**Figure 1.** C3 AI Sourcing Optimization provides a single pane of glass view into all sourcing operations

#### Feature Summary (cont'd)

- User feedback for continuous improvement – Provide feedback into Al alerts and insights to continuously improve the accuracy of Al models
- Configurable alerts Expose Al insights and recommendations to end users via configurable alerts for pricing changes, market index anomalies, supplier risks, and purchase order delivery delays
- Benchmarking and retrospective
  analysis Analyze sourcing
  performance at supplier, item, or order
  level and benchmark across peers to
  identify opportunities
- Native integrations with operational systems – Leverage native integrations with most common operational systems (e.g., ERPs, procurement platforms, Supplier management systems)



**Figure 2.** C3 AI Sourcing Optimization enables detailed spend analysis across items and suppliers

## Improve Sourcing Decisions with AI Insights and Alerts

#### **Benefits of C3 AI Property Valuation include:**

- · Reduced sourcing costs by proactively identifying the lowest cost suppliers across items
- Minimal price leakage through continuous monitoring and benchmarking of item prices across historical orders, other suppliers, and market price indices
- · Improved supplier performance through continuous monitoring and benchmarking across peers
- · More resilient downstream supply chain by minimizing fulfillment risks and order delays early on
- Improved sourcing efficiency through global visibility across all sourcing activity for sourcing managers and supply chain executives

### Proven Results in 8-12 Weeks

Visit C3.ai/get-started