



White paper

Global resource systems: the real constraint isn't scale, it's synchronization

Commodities markets are no longer defined by cycles—they are defined by continuous disruption. Geopolitical pressures, climate uncertainty, and regulatory shifts are reshaping how energy, metals, and essential resources move across the world. Volatility is not an exception to manage—it is the new operating environment.

The challenge is no longer access to data or scale of operations, but the ability to translate constant change into timely, coordinated action.

Gartner predicts that by 2031, 60% of disruptions will be autonomously resolved through AI-enabled systems.¹ Yet many enterprises remain fragmented, with trading, logistics, finance, and risk operating in silos, and AI still confined to pilots.

This is where the real constraint emerges—not scale, not data—but synchronization.

The next phase of competitiveness will be defined by the ability to operate as a connected, intelligence-driven enterprise. This requires more than digitization. It demands a shift to a unified decision fabric, where data flows continuously, intelligence is embedded

into workflows, and decisions across trading, operations, finance, and risk are aligned in real-time.

Leading organizations are already moving in this direction. Gartner identifies agentic AI, autonomous operations, and connected workforce models as defining trends shaping next-generation supply chains.²

From insight to coordinated action

In this new AI-driven world, advantage comes from how well people, systems and intelligence sync and work together.

- Traders operate with predictive signals, not delayed reports
- Ops teams respond to exceptions, not manage processes
- Finance and risk leaders shift from hindsight to continuous oversight
- Supply chain decisions become more dynamic—balancing cost, resilience, and sustainability in real-time



Outcome: leveraging advantage in a system-driven world

In a world where disruption is constant, the leaders will be those who can sense earlier, decide faster, and act as one.

Cognizant partners with Trafigura to enable this transformation—bringing together deep commodities expertise, AI-led engineering, and operational redesign. The focus is on building an intelligent, connected operating model, where insight flows seamlessly, decisions are synchronized, and execution is aligned across global operations.

Sources:

¹Gartner Predicts 60% of Supply Chain Disruptions Will Be Resolved Without Human Intervention by 2031

²Press Release: Gartner Identifies Top Supply Chain Technology Trends for 2025



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World Headquarters

300 Frank W. Burr Blvd.
Suite 36, 6th Floor
Teaneck, NJ 07666 USA
Tel: +1 201 801 0233

European Headquarters

280 Bishopsgate
London
EC2M 4AG
England
Tel: +44 (0)1 020 7297 7600

India Corporate office

Siruseri-Software Technology Park of India (STPI)
SDB Block – Ground floor North wing
Plot No H4, SIPCOT IT Park
Chengalpattu District
Chennai 603103, Tamil Nadu
Tel: 1800 208 6999

APAC Headquarters

1 Fusionopolis Link,
Level 5 NEXUS@One-North,
North Tower, Singapore 138542
Phone: + 65 6812 4000

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