Supply Chain Orchestration

with SAP Business AI

Tackling supply chain challenges needs a different approach

"The reality is that global supply chains have become so complex and are both generating and receiving bewildering amounts of data that the human brain can no longer keep up. "

Simon Ellis, Group Vice President IDC
US Manufacturing Insights,
US Energy Insights and Global Supply Chain Strategies

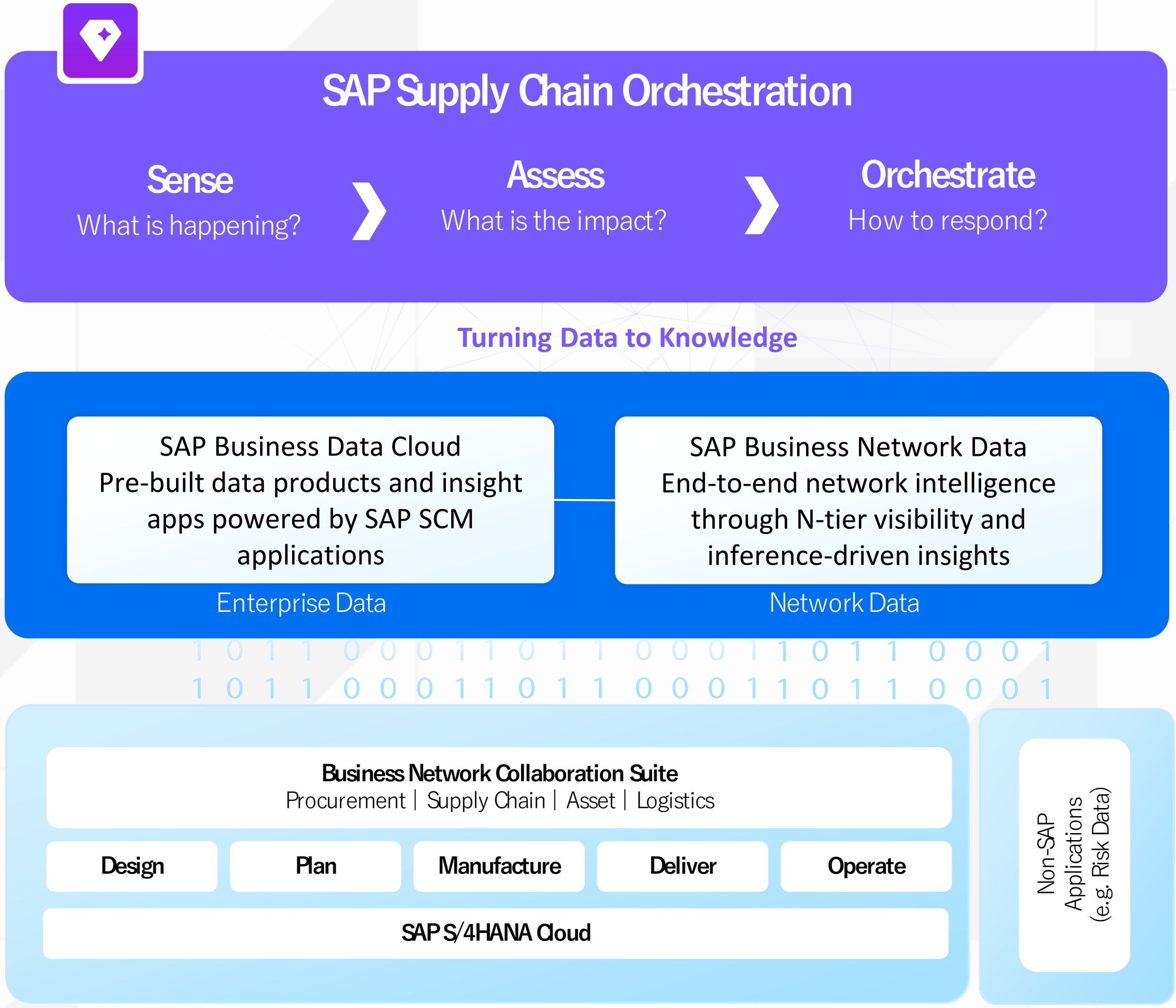
Tackling supply chain challenges needs a different approach

Global disruptions have cascading effects, impacting suppliers, manufacturers, and distributors worldwide

Decision-making requires accurate and timely information

Balancing economic viability and goals requires coordinated efforts and accurate measurements of performance

Supply Chain Orchestration and its foundation



Supply Chain Orchestration

Turn disruptions into decisions and coordinated actions. Trace potential risks, impacts, and dependencies across the entire supply chain network.

Network-Wide Supply Chain Insights

Leverage real-time data from the managed and unmanaged supply chain to make sure every supply chain decision is guided by accurate, in-the-moment insights.

Supply Chain Applications

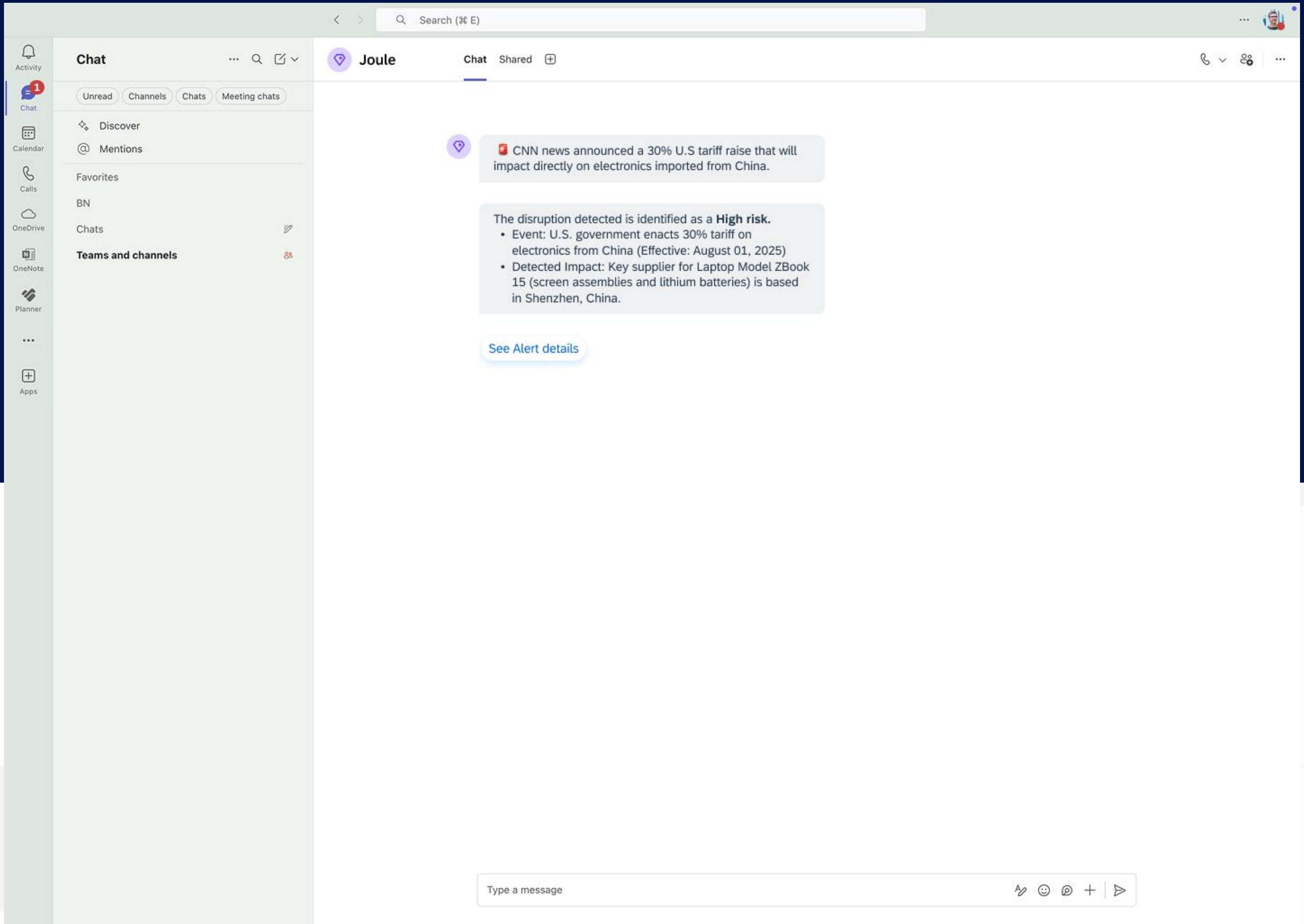
Link the entire supply chain together through a highly connected Business Suite.

Supply Chain Orchestration **vision**

Notification

Feature Highlights

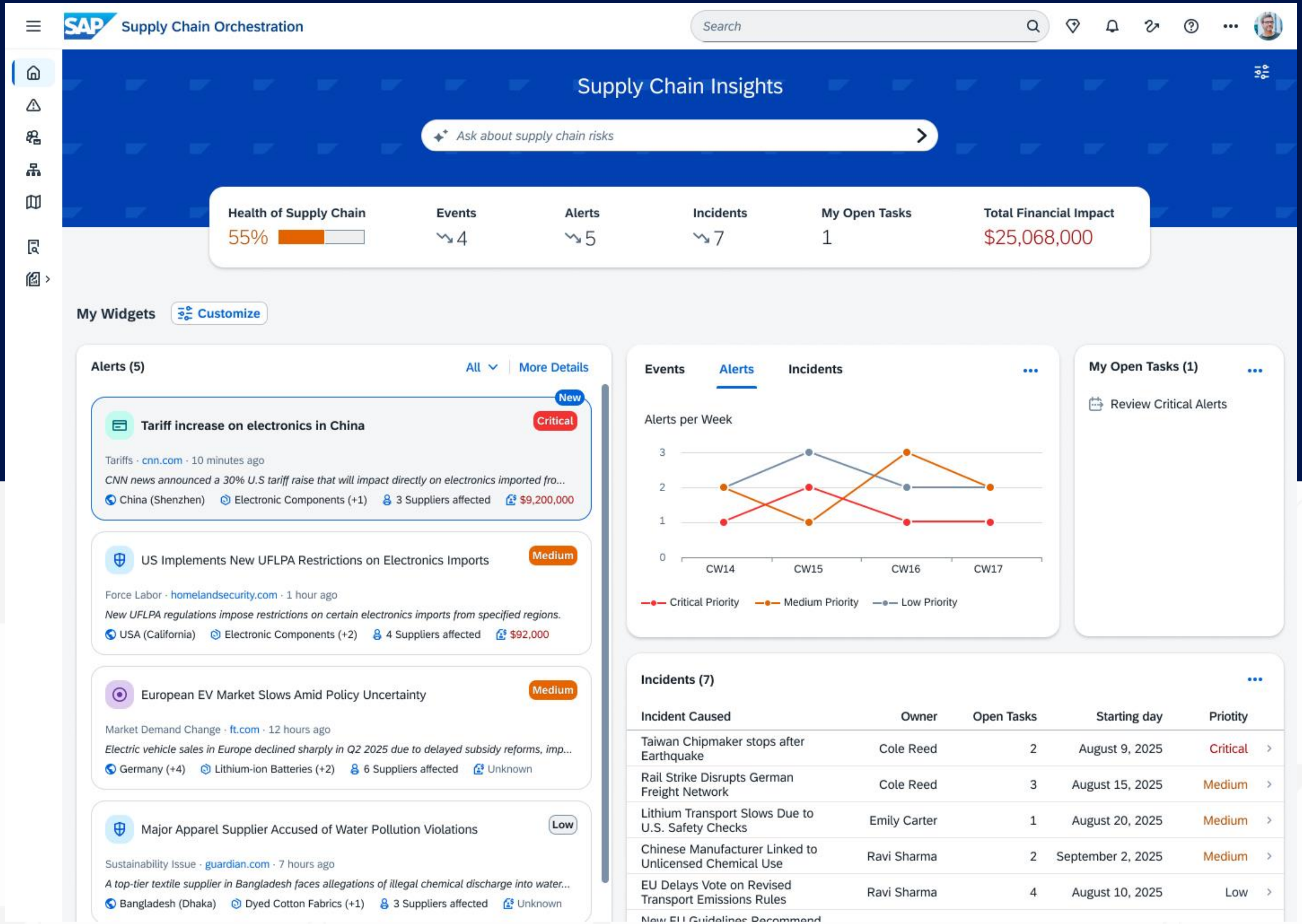
- ✓ User Notification in Collaboration Tools
- ✓ Instant Contextualization
- ✓ Automated Risk Classification



Home Screen

Feature Highlights

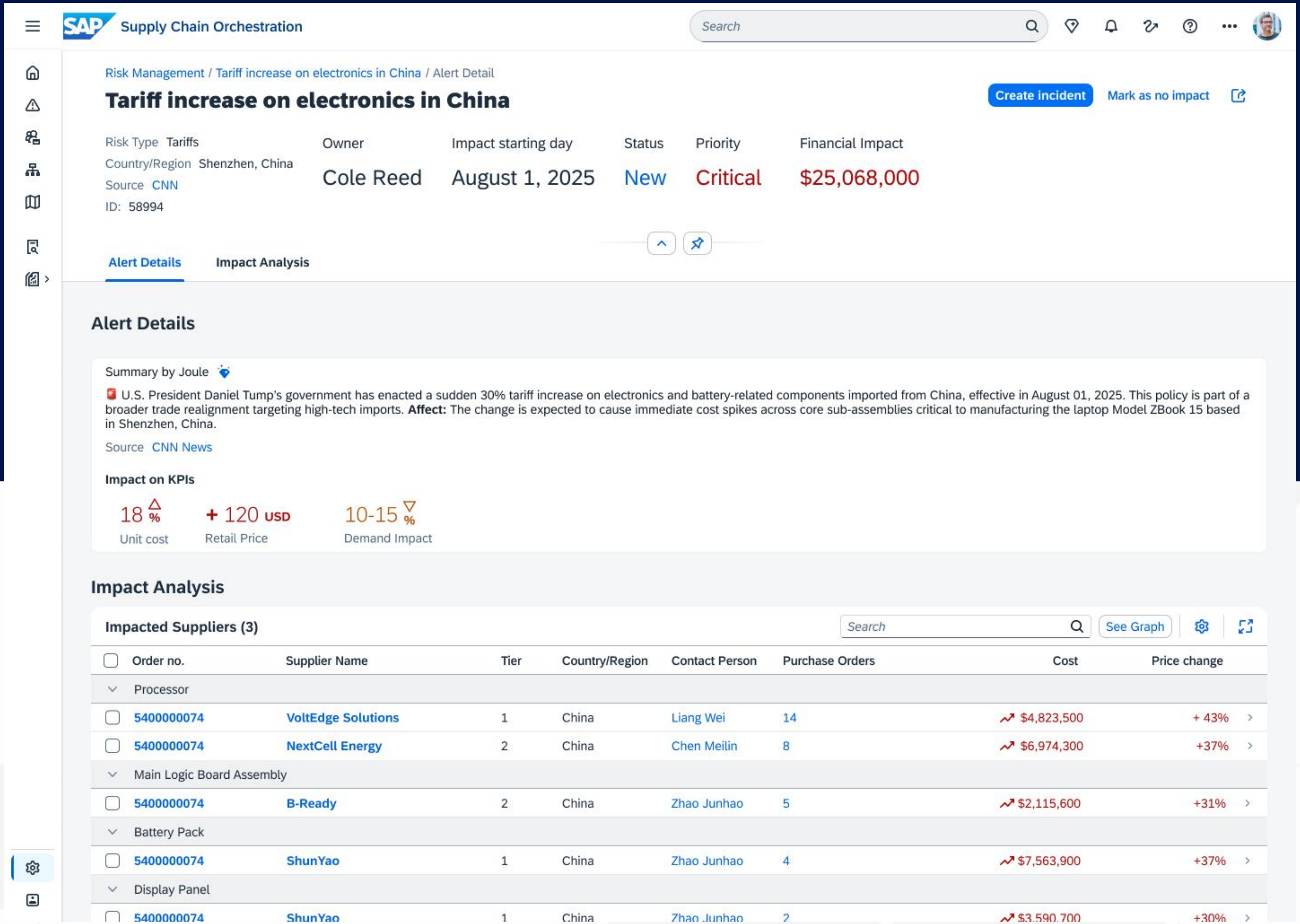
- ✓ Unified Dashboard
- ✓ AI-Based Prioritization
- ✓ Cross-Source Alerting
- ✓ Embedded KPIs



Contextualized Alerts

Feature Highlights

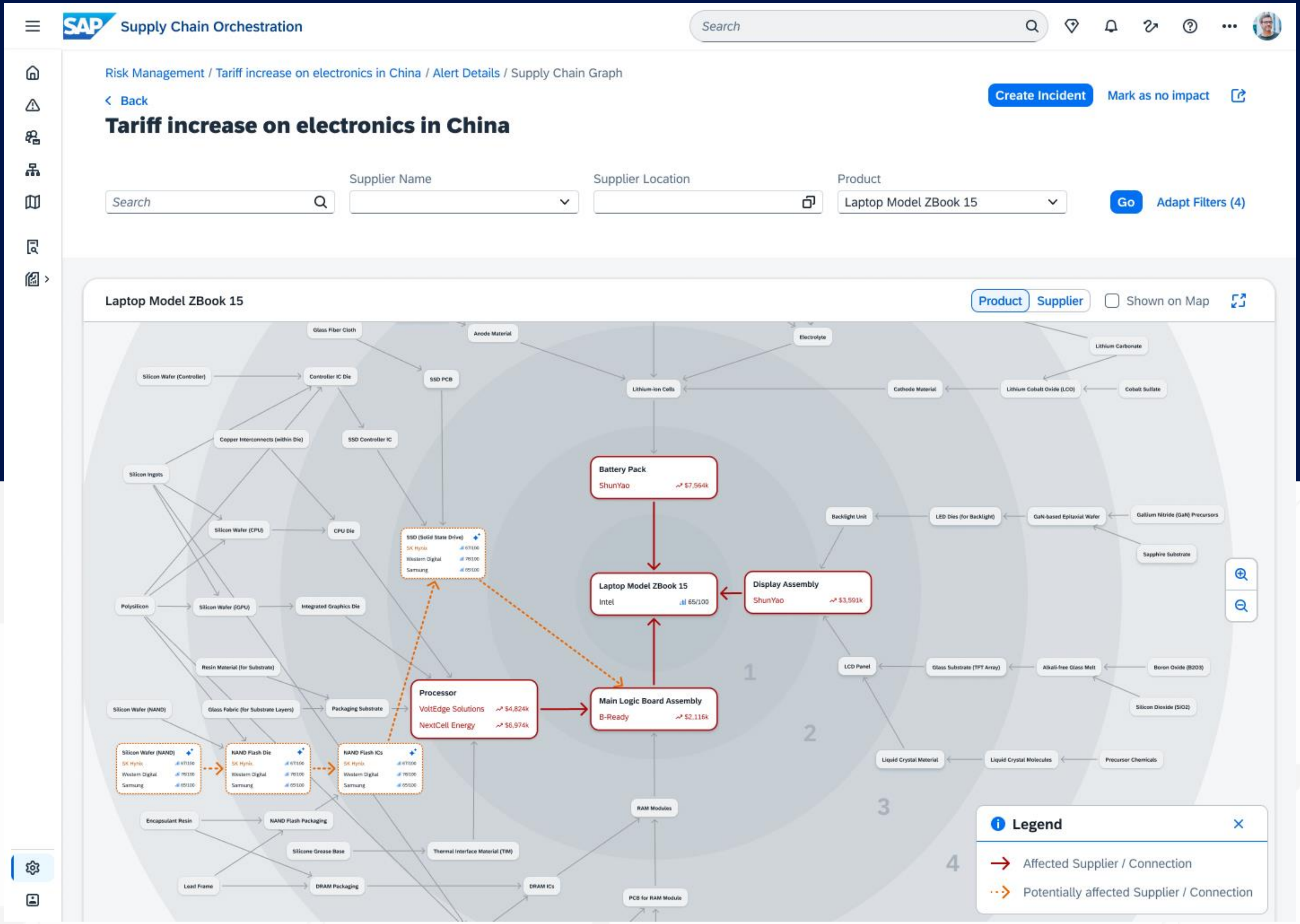
- ✓ Auto-Generated Summary
- ✓ Impact KPIs
- ✓ Supplier-Level Traceability
- ✓ Business-Critical Classification



Knowledge Graph

Feature Highlights

- ✓ Supply Chain Knowledge Graph (Managed & Unmanaged Tiers)
- ✓ Multi-Tier Visibility
- ✓ Interactive Exploration (Search & Filter)



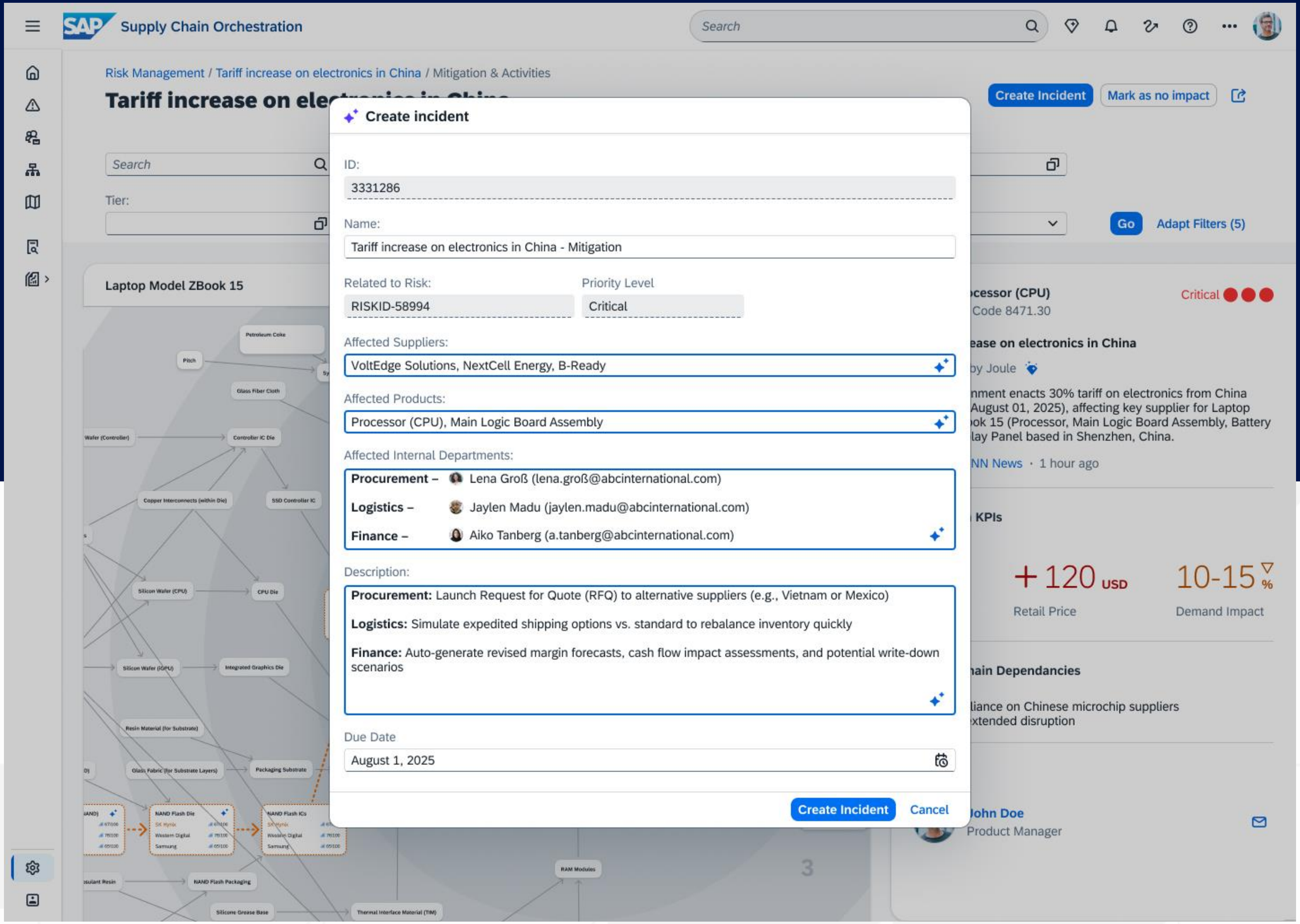
Incident Management

Feature Highlights

✓ Create Incidents

✓ Auto-Filled Stakeholders

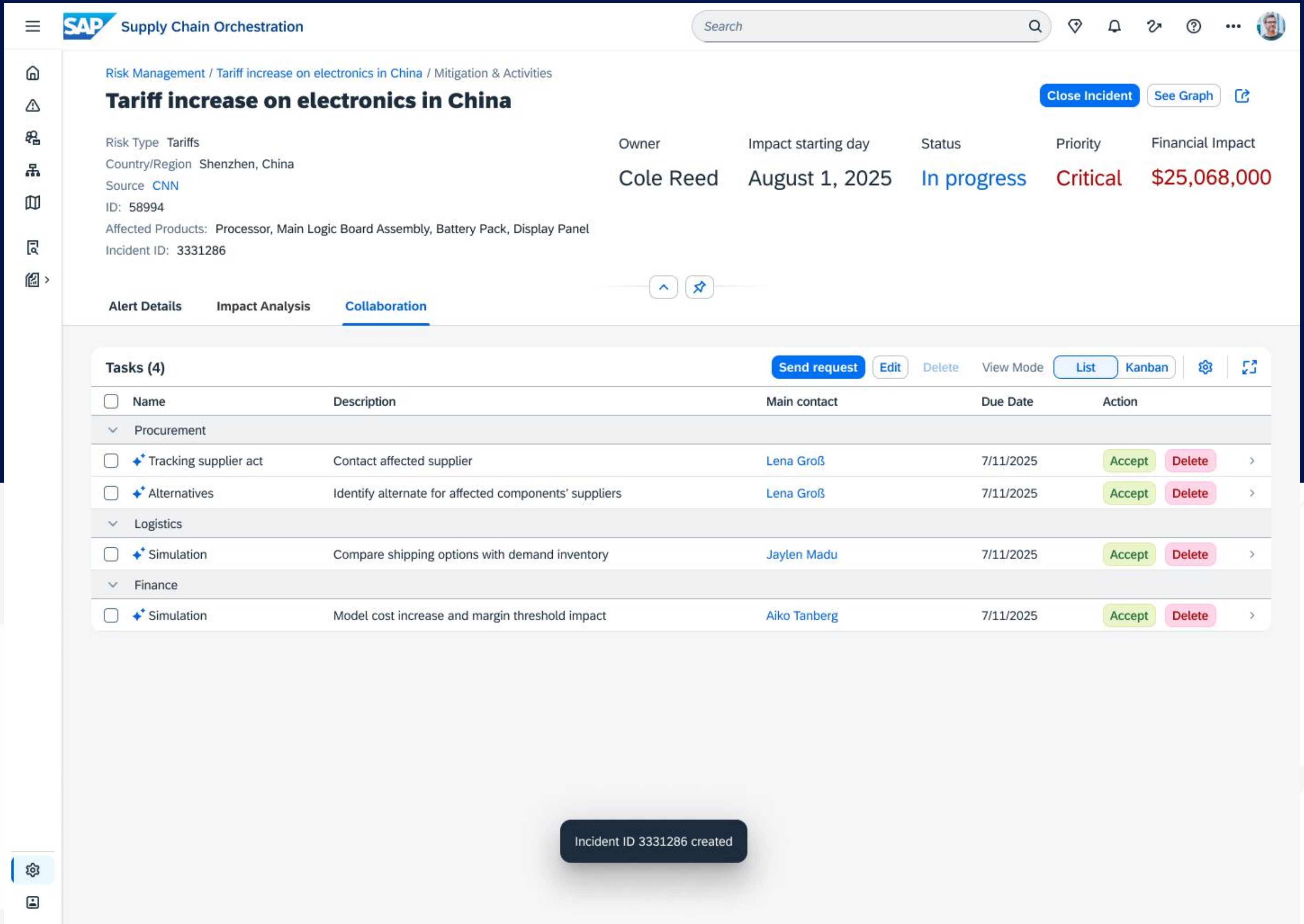
✓ Playbook-Driven Actions



Incident Management

Feature Highlights

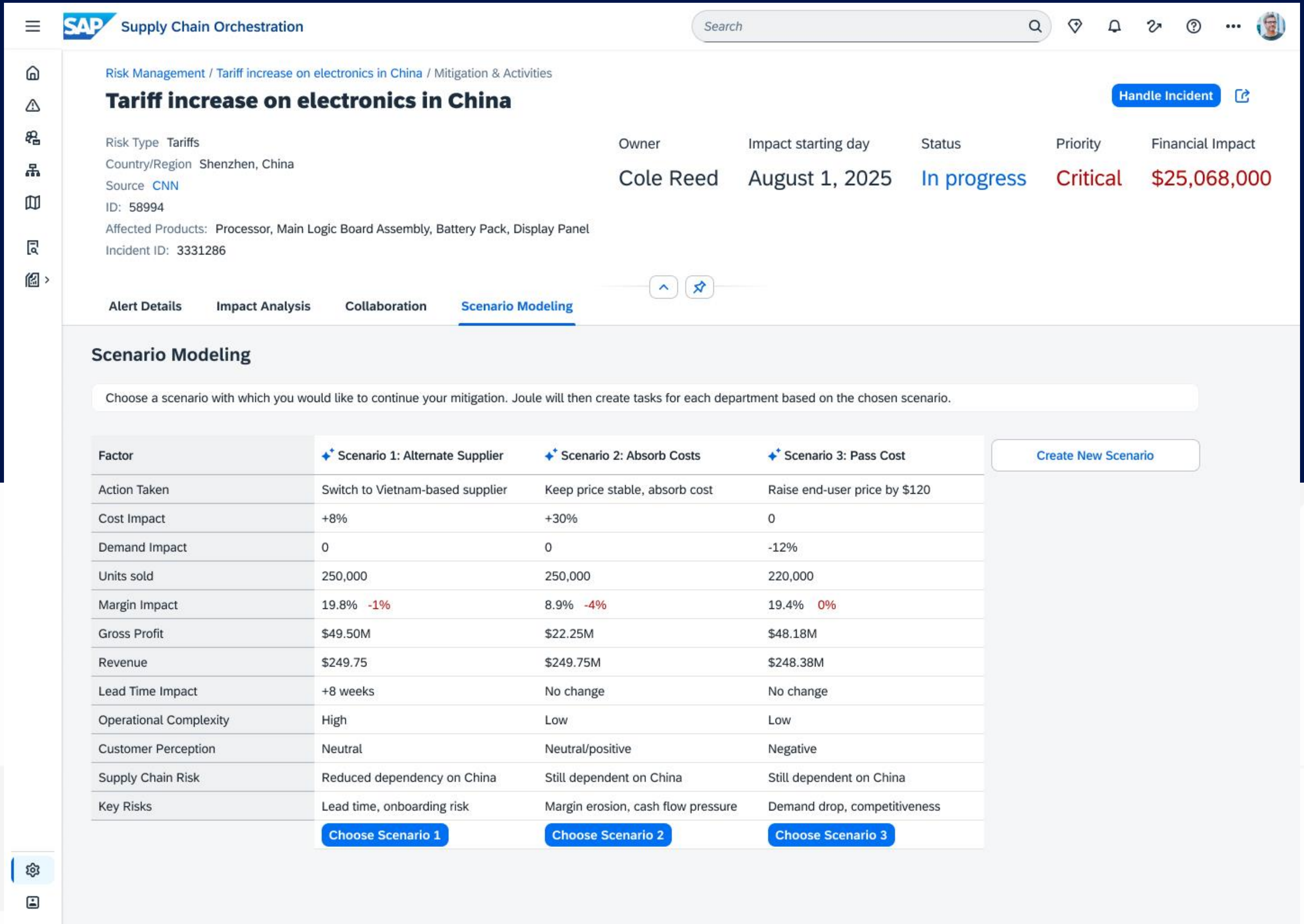
- ✓ Automated Task Generation
- ✓ Cross-Department Assignment
- ✓ Status Management



Scenario Modeling

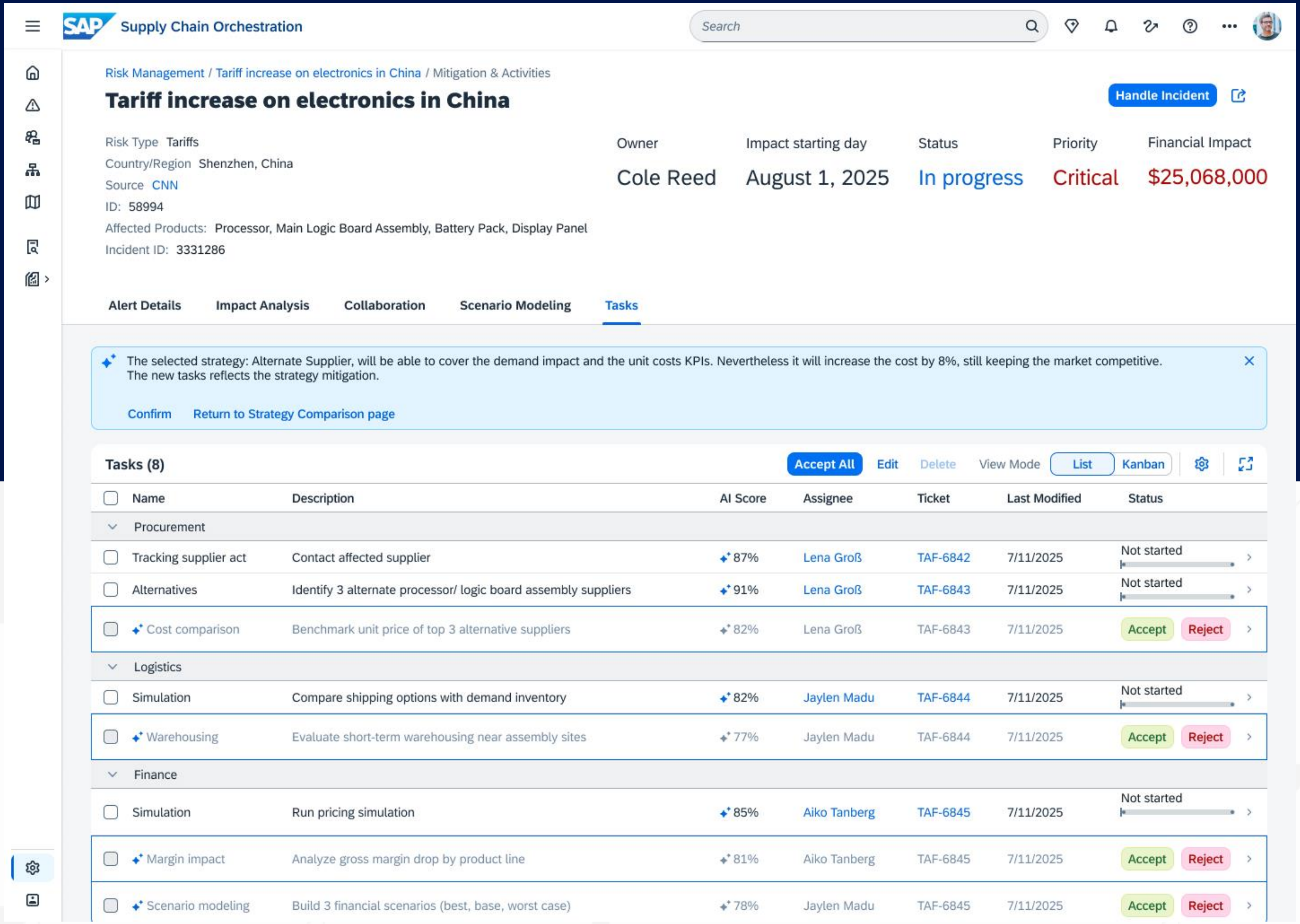
Feature Highlights

- ✓ Scenario Simulation
- ✓ Outcome-Based Metrics
- ✓ System-Guided Decision Making
- ✓ One-Click Execution



Factor	Scenario 1: Alternate Supplier	Scenario 2: Absorb Costs	Scenario 3: Pass Cost
Action Taken	Switch to Vietnam-based supplier	Keep price stable, absorb cost	Raise end-user price by $120
Cost Impact	+8%	+30%	0
Demand Impact	0	0	-12%
Units sold	250,000	250,000	220,000
Margin Impact	19.8% -1%	8.9% -4%	19.4% 0%
Gross Profit	$49.50M	$22.25M	$48.18M
Revenue	$249.75	$249.75M	$248.38M
Lead Time Impact	+8 weeks	No change	No change
Operational Complexity	High	Low	Low
Customer Perception	Neutral	Neutral/positive	Negative
Supply Chain Risk	Reduced dependency on China	Still dependent on China	Still dependent on China
Key Risks	Lead time, onboarding risk	Margin erosion, cash flow pressure	Demand drop, competitiveness
	Choose Scenario 1	Choose Scenario 2	Choose Scenario 3

Task Management



Feature Highlights

- ✓ Dynamic Task Creation
- ✓ Functional Breakdown
- ✓ Real-Time Status Tracking

Playbook

Feature Highlights

- ✓ Mitigation Outcome Summary
- ✓ KPI Success Confirmation
- ✓ Process Learning Loop