

FORTUNE 500 • TECHNOLOGY
USE CASE • SUPPLY CHAIN RISK

Top 3 Global Tech Company

Supply chain provenance built to the standard of federal trade enforcement - verifying every supplier against authoritative source records.

42%

OF SUPPLY CHAIN LEADERS
EXTEND VISIBILITY PAST TIER
1

McKinsey 2025 Supply Chain Risk
Pulse

500M+

COMPANIES MAPPED

Across 250+ jurisdictions in the
unified data layer

10.6B+

AUTHORITATIVE SOURCE
RECORDS

Verifying every supplier in the chain

CHALLENGE

Tier-1 visibility, but blind beyond – at hyperscaler volumes

While 95% of supply chain leaders have tier-one visibility, only 42% extend it to tier two or beyond. For the team building the backbone of global cloud computing, that blind spot was both a regulatory risk and an operational vulnerability.

SOLUTION

A primary-source corporate data layer feeding proprietary risk scoring

Sayari was integrated into the company's supply chain provenance system, mapping entity identity, ownership, and relationships across 500M+ companies in 250+ jurisdictions through API.

RESULT

Visibility matching the standard set by federal trade enforcement

Every supplier is now verified against 10.6B+ authoritative source records. Ownership chains traced through multiple tiers. Entity identity resolved against official registries rather than self-reported data.

02 THE CHALLENGE

Your direct suppliers are screened. Their suppliers are not.

Inside one of the world's largest technology companies, the cloud supply chain organization was building a platform to achieve full supply chain provenance for its data center hardware. The goal was ambitious: achieve the same level of supplier visibility that U.S. Customs and Border Protection applies to imported goods. That meant tracing every component, from raw material extraction through final assembly, and screening every entity in the chain against sanctions lists, export control restrictions, and forced labor indicators.

Legacy supply chain visibility tools could not deliver. Traditional approaches relied on supplier self-attestation and questionnaire-based data collection, methods that break down beyond tier one. The supply chain team needed a data platform that could independently verify supplier identity, trace ownership chains, and map entity relationships across dozens of jurisdictions, without depending on suppliers to self-report.

KEY POINTS

- McKinsey 2025: 95% have tier-one visibility, only 42% extend to tier 2 or beyond
- Self-attestation and questionnaire-based collection break down beyond tier one
- Verification must operate without depending on suppliers to self-report
- Cloud build-out scaled faster than questionnaire-based mapping could absorb

Actual trade data, not declarations

– 4B+ trade transactions

The company integrated a primary-source corporate data platform into its supply chain provenance system, creating a unified data layer that maps entity identity, ownership, and relationships across 500M+ companies in 250+ jurisdictions. The platform feeds the company's proprietary risk assessment tools, providing the entity resolution layer that connects supplier self-reported data to independently verified corporate registry records.

The platform's graph architecture enables the team to surface non-obvious relationships: shared ownership between a tier-one supplier and a sanctioned entity, beneficial ownership connections to state-owned enterprises, and corporate structure changes that indicate jurisdictional risk shifts. These are the connections that questionnaire-based approaches cannot detect.

KEY POINTS

- Primary-source corporate data layer feeds the company's proprietary risk scoring
- 500M+ companies in 250+ jurisdictions - entity identity, ownership, relationships
- Graph architecture surfaces non-obvious shared ownership, SOE, and MCF connections

SAYARI CAPABILITIES USED

Entity Resolution API

Beneficial Ownership Graph

Supply Chain Provenance

MCF / SOE Tracing

UFLPA Screening

Sub-Tier Mapping

Sub-tier visibility now operational across the full supply chain

The company now builds data centers with supply chain visibility that exceeds the capability of most government agencies. Every component carries a verified provenance chain. Every supplier is continuously monitored. The supply chain team operates with the confidence that verification infrastructure scales with the company's build-out, rather than creating bottlenecks as the supplier population grows.

500M+

Companies in unified data layer

10.6B+

Authoritative source records

250+

Jurisdictions covered for
entity verification

"We now build data centers with supply chain visibility that exceeds the capability of most government agencies."

VP SUPPLY CHAIN PROVENANCE, TOP 3 GLOBAL TECH COMPANY

READY TO ACT ON WHAT YOU FIND

Ready to see *your data*?

Sayari is the judgment infrastructure for trustworthy AI in economic security and commercial risk, built on the world's most comprehensive commercial knowledge graph.

[Request a Demo →](#)

sayari.com/demo/

© 2026 SAYARI LABS, INC.
ALL RIGHTS RESERVED
CS-TECH-SUPPLY-CHAIN

SAYARI