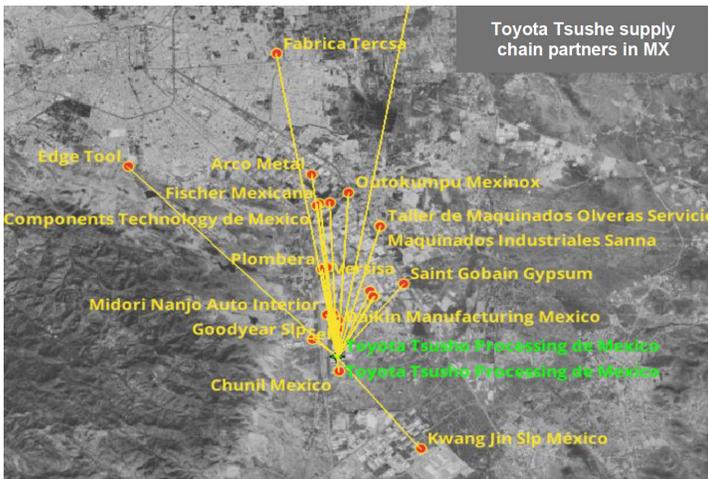




## Discover Hidden Supply Chain Relationships Through Real-World Freight Movements

Our dataset reveals supplier-customer connections across North American manufacturing facilities - including relationships not disclosed in company filings or traditional databases. Each connection includes confidence scores derived from trip patterns, enabling you to identify emerging risks and opportunities months before they appear in financial statements.



## What Makes This Different

### Freight-Derived Intelligence

Real operational relationships from actual truck movements, not just press releases or contracts

### Hidden Connections

40-60% of active supply relationships are undisclosed in public filings

### Early Warning System

Detect emerging patterns 3-6 months before public announcements

### Confidence Scoring

Each relationship scored by trip frequency, distance to site, trip points ambiguity

## Why this Matters in 2026

### Nearshoring Acceleration

Mexico-US manufacturing trade up 28% YoY, creating new supplier networks daily

### Supply Chain Volatility

Average company faces 2-3 major disruption events annually making early detection critical

### Competitive Intelligence Gap

Traditional databases miss the majority of active manufacturing relationships

## Use Cases

### For Investors & Financial Analysts

**Early Warning System:** Identify supplier concentration risk before it impacts earnings

Example: Detect when 40%+ of a semiconductor company's output flows to a single auto manufacturer—signaling revenue vulnerability 3-6 months ahead of public disclosure.

**Event Impact Quantification:** Measure exact exposure when disruptions occur

Example: When a Mexico border crossing closes, instantly identify which US companies lose access to 15+ suppliers and estimate portfolio exposure in hours, not weeks.

**Thematic Discovery:** Find tomorrow's winners in industrial reshoring

Example: Track real-time freight flows to identify EV battery suppliers gaining market share in 2024 before they announce contracts - spot trends months ahead of competitors.

**Credit & Municipal Bond Analytics:** Assess local economic dependencies

Value: Quantify county/city reliance on cross-border manufacturing flows for more accurate default risk assessment.

## For Corporate Strategy & Operations

**Competitive Intelligence:** Know your competitors' supplier networks better than they do

**Capability:** See which suppliers your top 3 competitors added in the past 90 days—identify emerging partners for M&A or partnership discussions.

**Hidden Opportunity Finder:** Discover non-obvious partners

**ROI:** Identify Mexican manufacturers increasing shipments to your industry vertical - potential cost-saving partners your competitors haven't found. One new supplier relationship can generate 15-30% cost savings.

**Resilience Scorecard:** Move from anecdotes to metrics

**Action:** Calculate your 'supplier diversification index' vs. industry average- prioritize supplier addition/elimination based on data, not gut feel.

## For Public Policy & Economic Development

**Policy Impact Dashboard:** Measure trade policy effects in real-time

**Application:** Within 60 days of USMCA tariff changes, quantify shifts in cross-border manufacturing flows by industry sector - enable evidence-based policy adjustment, not retrospective analysis.

**Strategic Infrastructure Planning:** Find tomorrow's bottlenecks today

**Benefit:** Identify growing industrial corridors before they're congested - prioritize highway/rail upgrades where freight density is increasing 20%+ YoY. Allocate \$100M+ infrastructure budgets to highest-impact projects.

**Resilience & National Security:** Spot critical dependencies

**Value:** Identify concentration risks in defense supply chains and healthcare manufacturing - prioritize domestic capacity building initiatives.

## Dataset Details

Content Included	<ul style="list-style-type: none"><li>• Company names, facility locations (street-level precision)</li><li>• NAICS codes &amp; proprietary SRS industry classifications</li><li>• Parent company ownership &amp; market identifiers</li><li>• Relationship metrics: Trip frequency, confidence scores, tonnage patterns, seasonal variation</li><li>• Confidence scoring</li></ul>
Spatial Coverage	Useful for corridors spanning multiple signal systems or agencies.
Update Frequency	Monthly updates with 8-day lag. Rolling 12-month window (historical backfill available)
Delivery Options	CSV files via Snowflake or SFTP. Dataset size: ~1 GB per monthly update
Data Provenance	Inrix freight traffic data (license required), US/MX Government agencies
Compliance	No PII (Personally Identifiable Information) or MNPI (Material Non-Public Information)
Pricing	\$120K - \$500K annually based on geography, history depth, and industry focus

## About Spatial Risk Systems (SRS)

SRS collects, standardizes, and integrates data about physical assets, operational metrics, and the socio-economic and environmental context of business operations.

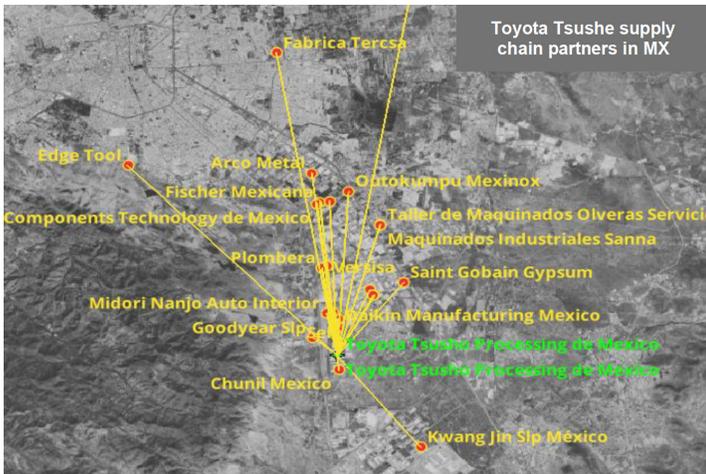
**Contact:** [sales@spatialrisksystems.com](mailto:sales@spatialrisksystems.com)

**Support:** [support@spatialrisksystems.com](mailto:support@spatialrisksystems.com)



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