

D-5b. Tools www.life-links.org/docs/framework

Digital tools – most of them developed commercially and used by the private sector – provide the data, visibility, and predictive intelligence needed to anticipate risks, design effective responses, and coordinate action across partners. Yet these tools differ widely, for example in:

- **Service scope:** Some tools emphasize visibility and disclosure (e.g. Sourcemap, Altana), while others focus on risk management and optimization (e.g. Kinaxis, AIMMS, Microsoft Dynamics), or deliver real-time visibility and monitoring services (Platforms like Project44 and Prewave).
- **Supply chain scope:** Tools vary in whether they map suppliers and customers (Resilinc, Sourcemap, Exiger), locations and assets (MunichRe, Jupiter), or transport/logistics networks (Project44, ORIS) – many combine multiple perspectives.
- **Hazard/risk scope:** Generalist risk platforms cover multi-hazard disruption and supplier risks (Resilinc, Everstream, Prewave) , while climate-specialized tools focus on physical hazard and climate risks (Jupiter, Correntics, MunichRe).
- **Risk management scope:** Capabilities include assessment and scoring (Resilinc DVI, MunichRe, Jupiter), predictive analytics and control towers (Everstream Reveal, Kinaxis RapidResponse), and response planning or mitigation and resilience/adaptation measures (AIMMS SC Navigator, Microsoft Dynamics, ORIS).

The table below lists a range of leading tools with different approaches available to support resilience across different parts of the supply chain system.

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Tools relevant to supply chain resilience and logistics <i>(not an exhaustive list)</i>		
Name	Description	Weblink
AIMMS SC Navigator	Decision-support tool for scenario modelling, what-if analysis, and network design optimization.	https://www.aimms.com/network-design
Altana	Federated supply chain mapping platform with multi-tier visibility, risk screening, and privacy-preserving collaboration.	https://www.altana.ai
Correntics Climate Risk Analytics Platform	Climate & weather risk analytics SaaS platform quantifying exposure and financial impacts in supply chains.	https://www.correntics.com
Everstream Analytics	Predictive risk intelligence suite with disruption monitoring, risk-optimized planning, and Reveal early-warning tool.	https://www.everstream.ai
Exiger	Risk, compliance, and supply chain intelligence (SDX, DDIQ). Provides provenance mapping, due diligence, and risk monitoring.	https://www.exiger.com
Jupiter ClimateScores Global	Climate risk scoring system with high-resolution, peril-specific metrics for supply chains and infrastructure.	https://www.jupiterintel.com/climatescore-global
Kinaxis	Supply chain planning platform (RapidResponse) offering concurrent planning, scenario analysis, and AI-powered forecasting.	https://www.kinaxis.com
Microsoft Dynamics 365 SCM	Enterprise supply chain management suite with unified visibility, AI insights, and logistics coordination, supporting resilience and operational continuity.	https://www.microsoft.com/en-us/dynamics-365/products/supply-chain-management
MunichRe – Location Risk Intelligence	Geospatial risk analytics platform assessing natural hazard & climate risks at site/supplier level.	https://www.munichre.com/rmp/en/products/location-risk-intelligence.html
ORIS Materials Intelligence	Digital platform dedicated to streamline adaptation and mitigation measures for transportation infrastructure, using material science, lifecycle assessment, and climate scenarios	https://www.oris-connect.com/en
Prowave	AI-driven risk intelligence platform for supply chain monitoring, compliance, orchestration, and reporting.	https://www.prowave.com
Project44	Transportation visibility platform with multimodal shipment tracking, predictive ETAs, and disruption alerts.	https://www.project44.com
Resilinc	Supply chain risk monitoring & mapping platform with multi-tier visibility, event alerts, risk scoring, and Disruption Vulnerability Index (DVI).	https://www.resilinc.com
Sourcemap	Supply chain mapping & transparency platform with supplier onboarding, verification, impact scoring, and due diligence support.	https://sourcemap.com