

Visualise complex global supply chains using powerful AI



MINE^{AI}

Unknown to understood. Predict end-to-end supply chains using open trade data and intelligent machine learning algorithms to gain timely insights into potential sub-tier risks.

Why a 'need for speed' in supply chain visibility?

In today's volatile global landscape, understanding and mitigating risks within your supply chain is paramount. Rapid mapping allows businesses to quickly visualise their entire supply network, from raw materials to the end product. This speed is crucial for pinpointing potential weaknesses – single-source suppliers, geographically concentrated risks, or logistical bottlenecks – before they cause significant disruptions.



Legislative compliance

Regulations like the EU - Battery Regulation, EU - Deforestation Regulation, and US - Uyghur Forced Labor Prevention Regulation mandate risk assessment and thorough due diligence of your entire supply chain. To ensure compliance, organisations must first identify every supplier and sub-tier involved in production and understand where the risks lie.



Resilience

Operating with agility during environmental disruptions or geopolitical shifts requires understanding critical supply chain dependencies. Knowing these allows you to respond quickly and pivot when necessary.

Outpace uncertainty:
rapid visibility ensures
you're always one
step ahead.

The challenges of rapid supply chain mapping for risk identification

The sheer complexity of modern supply chains, often spanning continents and involving countless interconnected entities, renders manual efforts time-consuming and resource-intensive. Static spreadsheets and siloed data offer a fragmented and outdated view, leaving you blind to critical vulnerabilities lurking beyond your direct suppliers.

Time-Consuming & Resource-Intensive

Manually collecting, compiling, and updating information across numerous suppliers and tiers demands significant time and personnel resources, often diverting focus from strategic initiatives.

Data Silos & Inaccuracies

Information gathered manually is often fragmented across different departments and systems, leading to inconsistencies, errors, and a lack of a unified, reliable view of the end-to-end network.

Limited Proactive Risk Identification

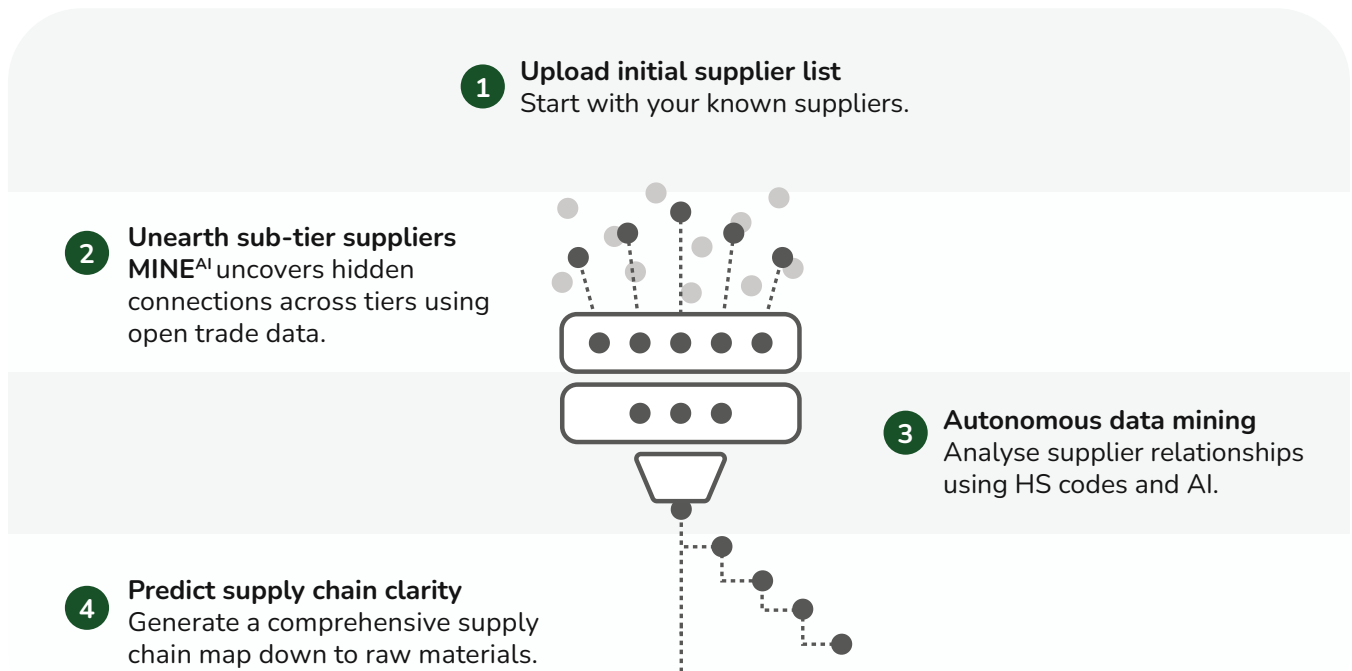
Without real-time data analysis and the ability to identify complex patterns, manual mapping struggles to proactively flag potential disruptions and emerging risks, leaving organisations vulnerable to reactive crisis management.

Incomplete & Static Visibility

Spreadsheets and manual diagrams offer a limited, point-in-time snapshot, failing to capture the dynamic and interconnected nature of modern supply chains, particularly the crucial sub-tier relationships where hidden risks often reside.

Introducing SUPPLIERASSURANCE: MINE^{AI}

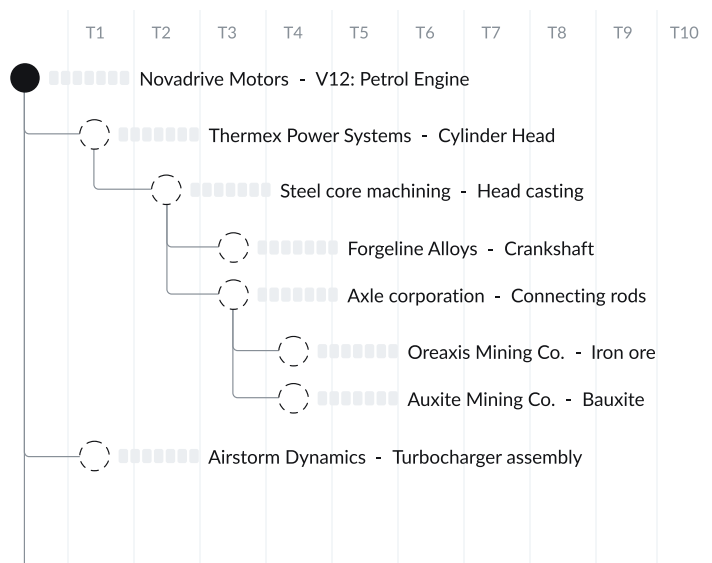
SUPPLIERASSURANCE: MINE^{AI} quickly delivers supply chain visibility, enabling rapid risk identification without requiring supplier input. By leveraging open trade data and advanced AI, it verifies supplier relationships to raw materials and predicts product-level component maps, providing the insights needed to meet regulatory demands.



1. Rapid insights: Map end-to-end supply chains in hours.

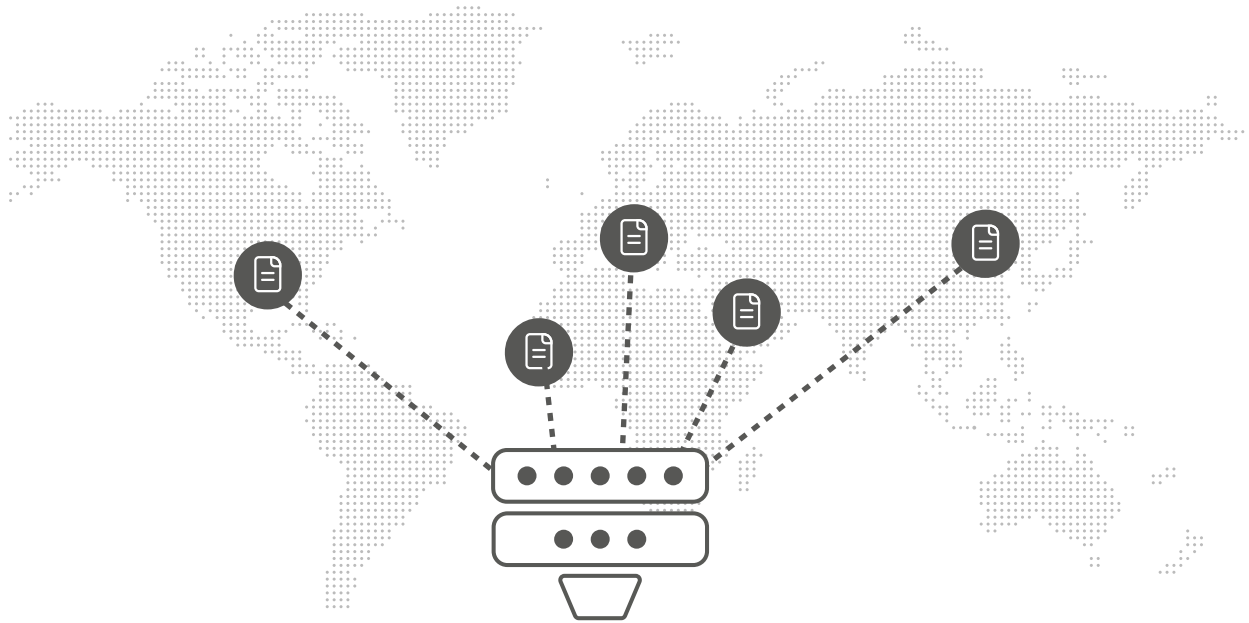
SUPPLIERASSURANCE: MINE^{AI} traces supply chains from finished goods to raw materials in hours. International trade is the foundation of global supply chains. **MINE^{AI}** leverages publicly available trade data, such as import/export records to provide the foundation for supplier identification. By grounding its insights in genuine trade documentation, **MINE^{AI}** delivers a trusted foundation for decision-making. By using reliable data, **MINE^{AI}** ensures defensibility in compliance audits and enables proactive risk identification.

Traditional supply chain mapping efforts can delay decision-making and mean potential risks go undetected and unmitigated. **MINE^{AI}** generates a comprehensive supply chain map quickly, equipping organisations with the intelligence needed to identify dependencies and inform risk assessment and mitigation.



2. Non-intrusive: Identify sub-tiers without supplier input.

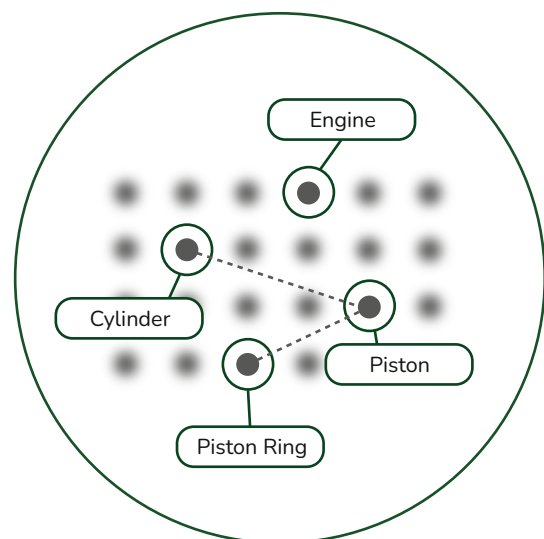
Gain unprecedented visibility into the deeper layers of your supply chain without adding complexity for your suppliers. **SUPPLIERASSURANCE: MINE^{AI}** utilises sophisticated data analysis and network inference techniques to map critical sub-tier relationships and dependencies, often revealing hidden vulnerabilities beyond your immediate suppliers. This non-intrusive approach provides invaluable insights into potential risks and concentrations without requiring sensitive information or direct engagement from every tier, empowering you to build a more resilient and secure end-to-end supply chain from the outside in.



3. Limit data noise: Focus on relevant supply chain links.

Everything is made from something. By combining industry expertise with advanced algorithms and machine learning, **SUPPLIERASSURANCE: MINE^{AI}** cuts through the data noise and predicts the most likely organisations involved in specific supply chains.

Navigate the complexity of your global network with clarity. **MINE^{AI}** doesn't just map your supply chain – it intelligently filters and prioritises the connections that truly matter. We cut through the noise of less impactful relationships, spotlighting the links that pose the greatest potential risk or offer the most significant opportunities. This focused visibility allows you to concentrate your resources, optimise strategic interventions, and gain actionable insights precisely where they will have the biggest impact on your supply chain's performance and resilience.



4. Uncover risk: Enable proactive risk identification.

Don't wait for disruptions to strike. **SUPPLIERASSURANCE: MINE^{AI}** revolutionises supply chain mapping by leveraging predictive analytics to illuminate hidden vulnerabilities across your entire network. By analysing vast datasets and identifying complex patterns, we go beyond static visualisations to highlight potential risks.

This proactive risk identification empowers you to anticipate challenges and undertake more detailed risk assessment to build a resilient supply chain that thrives in the face of uncertainty, safeguarding your operations and your bottom line.



Why SUPPLIERASSURANCE: MINE^{AI}

Unlock unprecedented supply chain resilience and efficiency with **SUPPLIERASSURANCE: MINE^{AI}**.

Our cutting-edge platform harnesses the power of predictive artificial intelligence to provide a revolutionary approach to understanding and managing your end-to-end supply chain. Move beyond static visualisations and reactive problem-solving with these key benefits:



Actionable Intelligence

Move away from gut feelings and reactive responses. **SUPPLIERASSURANCE: MINE^{AI}** transforms raw data into clear, actionable intelligence presented through intuitive maps, dashboards and supply chain visualisations. This empowers your teams with the insights they need to make informed decisions quickly and confidently. Gain a strategic advantage by understanding your supply chain like never before.



Enhanced visibility

Gain a true end-to-end perspective, extending far beyond your direct suppliers. **SUPPLIERASSURANCE: MINE^{AI}** utilises sophisticated network inference to map complex interdependencies and identify critical sub-tier relationships, without requiring direct input from every supplier. This previously unseen visibility exposes hidden vulnerabilities and concentration risks deep within your supply chain, allowing you to build a more robust and resilient network from the ground up.



Optimised efficiency

By bypassing the need for direct supplier input for initial mapping, you gain actionable insights into your extended supply chain much faster. Identify potential risks and critical dependencies sooner, allowing for quicker strategic decision-making and proactive intervention, without waiting for every supplier to provide their data. Our non-intrusive AI operates in the background, analysing available data to infer connections without requiring your suppliers to dedicate significant time and effort to initial data provision, preserving valuable relationships.



Proactive risk identification

Imagine anticipating disruptions before they impact your operations. **SUPPLIERASSURANCE: MINE^{AI}** continuously analyses vast datasets to identify potential risks. This early warning system empowers you to know where to undertake detailed risk assessment, minimising costly disruptions and ensuring business continuity. With a clear map of potential risks, your risk management teams can focus their efforts on the most critical areas. This targeted approach streamlines the risk assessment process, allowing for more efficient allocation of resources and deeper analysis of high-priority vulnerabilities.

SUPPLIER**ASSURANCE** is a leader in supply chain risk management, providing global organisations with the tools they need to map, monitor, and mitigate risks across every supply chain tier.

Our solutions combine innovation with proven expertise to protect and enhance global supply chains.

We're here to help.
Start the conversation today.

To learn more about our services, and speak with a member of our team, scan the QR code below.



