

SOLUTION BRIEF

# Managing Supply Risk: From Awareness to Action Across the Multi-Tier Supply Network

 Disaster response



Global supply chains operate in an environment defined by constant disruption. Brand owners and manufacturers face growing vulnerability as supplier networks expand across regions, tiers, and regulatory regimes. Risks often originate deep within the supply network, beyond Tier 1, where visibility is limited and impact is hardest to predict.

Many organizations struggle with two fundamental gaps:

- 1 Lack of visibility into who their suppliers are and how they connect across tiers.
- 2 Lack of actionability when disruptions occur, knowing something happened but not what to do next.

**True supply resilience requires both network awareness and risk-driven action.  
That is the foundation of the e2open Supply Risk applications.**

## What is Supply Risk, and how does it help businesses?

E2open Supply Risk is a unified approach that enables organizations to discover and understand their multi-tier supply network. With this added transparency, companies can assess disruption impact in an operational context, prioritize and resolve risks collaboratively, and protect business continuity and strengthen long term resilience.

The Supply Risk applications bring together two complementary solutions:

### Supply Network Discovery

See and understand the extended supply network



### Supply Risk Assessment

Assess, prioritize, and resolve disruptions when they occur

**Together, they move organizations from visibility to resilience.**



SUPPLY NETWORK DISCOVERY  
ANSWERS THE QUESTION:

“What does  
my supply  
network really  
look like?”

## Supply Network Discovery: Build supply network awareness

### What it solves

Supply Network Discovery addresses the foundational challenge of multi-tier visibility. Many organizations lack a complete understanding of who their suppliers are beyond Tier 1, where they are located, and how they connect across the supply ecosystem.

Without this clarity, it is impossible to assess true exposure, support compliance requirements, or respond effectively to disruption.

### What it delivers

Supply Network Discovery enables structured discovery and engagement across the extended supply network. It provides a single, trusted view of supplier identities, relationships, and geographic footprints across tiers.

### Key capabilities

- Identification and validation of multi-tier suppliers
- Supplier engagement for documentation, certification, and compliance
- Multi-tier traceability and geographic visualization
- Centralized repository for supplier and compliance data

### Business benefits

- Expanded visibility into Tier 1 and sub-tier supplier relationships
- Improved supplier transparency and compliance readiness
- Enhanced collaboration across the supply network
- Stronger foundation for risk assessment and impact analysis

### Role in the supply risk applications

Supply Network Discovery establishes who is in the network, where they are, and how they connect.

It creates the visibility layer that makes all downstream risk assessment possible.

# Supply Risk Assessment: from detection to resolution

## What it solves

While visibility is essential, it is not enough. When disruptions occur, organizations often struggle to:

- Understand which events truly matter
- Assess operational impact
- Coordinate response across suppliers
- Act fast enough to prevent escalation
- Supply Risk Assessment closes this gap by transforming disruption data into prioritized, coordinated action.

## What it delivers

Supply Risk Assessment connects external disruption intelligence with live supply chain execution data, enabling brands to assess impact, prioritize response, and resolve issues collaboratively across multiple supply tiers.

## Key capabilities

- Integration with external disruption intelligence providers
- Mapping of risk events to suppliers, materials, and flows
- Impact-based prioritization of disruption events
- Multi-tier collaboration for faster issue remediation
- Structured workflows for assessment and resolution

## Business benefits

- Faster and more confident disruption response
- Improved prioritization of risk mitigation efforts
- Reduced operational downtime and exposure
- Stronger coordination with Tier 1 and sub-tier suppliers
- Greater agility in volatile operating environments

## Role in the supply risk applications

Supply Risk Assessment operationalizes supply risk management. It turns detection into decisions and insights into coordinated action.



SUPPLY RISK ASSESSMENT  
ANSWERS THE QUESTION:

“What does this disruption mean for my business, and what should we do now?”



## THE COMBINED VALUE: SUPPLY RISK

# Why discovery + assessment is better together

Individually, **Supply Network Discovery** and **Supply Risk Assessment** each deliver strong value. Together, they create a closed-loop supply risk capability that competitors struggle to replicate.

Discovery Delivers	Assessment Activates
✓ Multi-tier visibility	+ Impact-driven prioritization
✓ Supplier identity and relationships	+ Operational risk context
✓ Geographic and network mapping	+ Coordinated resolution
✓ Compliance readiness	+ Faster recovery

## The power of the supply risk applications

By combining discovery and assessment, organizations gain the ability to:

- See disruptions in the context of real supply networks, not abstract data
- Understand sub-tier exposure before issues escalate
- Act faster with clearer priorities and shared visibility
- Build long-term resilience rather than reacting event-by-event

The result is a future-ready supply network, one that is visible, intelligent, and equipped to withstand constant disruption.

## Partnering with e2open for supply risk management

With e2open's integrated Supply Risk solutions, your company gains the tools to convert disruption data into actionable insights, prioritize responses, and collaborate across all supply tiers. By leveraging both discovery and assessment capabilities, e2open empowers organizations to build resilient, agile supply networks that confidently navigate today's volatile environments and minimize operational risk.



Learn more about how e2open helps you build supply network awareness and uncover hidden risk.

[Explore Supply Network Discovery](#)

Learn how e2open helps you move from awareness to action when disruptions occur.

[Explore Supply Risk Assessment](#)

## About e2open

E2open is the connected supply chain software platform that enables the world's largest companies to transform the way they make, move, and sell goods and services. With the broadest cloud-native global platform purpose-built for modern supply chains, e2open connects more than 500,000 manufacturing, logistics, channel, and distribution partners as one multi-enterprise network tracking over 18 billion transactions annually. Our SaaS platform anticipates disruptions and opportunities to help companies improve efficiency, reduce waste, and operate sustainably. Moving as one.™ Learn More: [www.e2open.com](http://www.e2open.com)

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