

The Power of the Network: End-to-End Alignment, Visibility and Responsiveness

Modern supply chains rely on a global network of suppliers, logistics providers, distributors and other partners to design, assemble, ship, sell and repair their products. Visibility and insight throughout this vast network are essential to building resiliency and agility for success in today's complex and turbulent business environment. E2net, e2open's business network, serves as the foundational layer of the e2open platform. It provides scalable, multi-enterprise integration to quickly connect all partners and logistics providers across all tiers and ecosystems. E2net facilitates the secure, bi-directional exchange of product, supplier and transaction data in real-time, then normalizes it for actionable intelligence.

Legacy supply chain technology tends to be narrowly focused on internal processes, or at best, connects with immediate upstream and downstream partners. This siloed and limited perspective leaves companies exposed to unknown risk and unable to leverage new opportunities. It also hinders their ability to proactively mitigate the impact of disruptions. It is important for supply chain leaders to maintain visibility and control across the end-to-end supply chain because this builds the resiliency to weather the next disruption and navigate daily discrepancies. Full visibility requires data from all upstream and downstream partners, regardless of tier or ecosystem. The data must be harmonized with internal process data and communicated

back through the network in real-time. E2net securely connects data across ecosystems to create a digital twin of the physical supply chain and sales channel for superior visibility and control.

Extensive supply chain network

E2net connects a vast network of over 480,000 enterprises across every tier of trading partners. The scalable architecture orchestrates over 10 billion transactions annually between parties across ecosystems to keep the supply chain moving smoothly.



Key features

- Establishes networked connectivity for all partners upstream and downstream, direct and indirect, across all ecosystems and tiers regardless of technology sophistication and maturity
- Supports a wide range of standard industry protocols and payload types, such as:
 - REST/JSON application programming interfaces (APIs)
 - Extensible Markup Language (XML) standards
 - Electronic data interchange (EDI)
 - Web portal access and email-based information exchange to meet long-tail partner capabilities
- Includes any-to-any business-to-business (B2B) data transformation and reusable data transformation maps
- Provides canonical-based, integrated data model to harmonize and synchronize data in real-time
- Enables SAP ERP synchronization in minutes instead of months through E2open's certified adapter

Key benefits

- Enhances collaboration with all upstream and downstream partners to help organizations proactively address potential disruptions
- Improves partner relationships through streamlined, digital business processes
- Expands sourcing options and market reach
- Reduces total cost of ownership and speeds time-to-value through rapid partner onboarding
- Increases resiliency and agility to react to changing market conditions

Reusable connections

E2net's architecture enables companies to quickly connect to partners already on the network. This eliminates the need for redundant work and leverages the power of the network for fast time-to-value and low total cost of ownership. Multi-tenant, reusable connectivity means rapid, efficient partner onboarding and greater agility to diversify sourcing regions and expand into new markets.

Integrated data model

Access to data is only valuable when the data is put to action. However, data coming from disparate third parties and even internal systems is inherently challenging to merge, index and analyze. E2open's canonical-based integrated data model normalizes disparate data from across all partners and ecosystems. The data streams are harmonized using artificial intelligence (AI) and made decision-grade, providing a single source of truth for all parties and applications.

Support across ecosystems

Producing, transporting and selling goods requires complex orchestration across multiple ecosystems — downstream channel partners, upstream supply partners, logistics partners for moving goods and global trade partners for crossing borders. E2net is a single network that spans these four ecosystems, capturing up-to-the-minute data essential for smooth business operations.



Efficient onboarding

The ability to quickly onboard trading partners is a factor that increases supply chain agility. E2net's comprehensive integration capabilities minimize the time and effort to integrate with suppliers, customers and trading partners to manage rollout programs of any size for faster time-to-value. A come-as-you-are integration strategy meets partners at their maturity level, enabling companies to digitally transact with all their suppliers regardless of volume or technical capability.

ERP integration

An effective supply chain requires the bi-directional flow of mission-critical data between the network and enterprise resource planning (ERP) applications and workflows. E2net easily connects to nearly any ERP and offers a predefined connector for quick, secure and reliable connectivity to extract and insert data through the SAP certified adapter for S/4HANA and ECC.

End-to-end supply chain management platform

Once an organization implements any e2open platform application, it is easy to add more capabilities in the future for better visibility, coordination and control over the end-to-end supply chain. The e2open platform creates a digital representation of the internal — and optionally external — network, connects internal ERP and financial systems using the SAP certified adapter for timely data feeds, and normalizes and cleanses the data to make it decision-grade. Using machine learning-enabled algorithms and supply chain management applications, the platform processes the data and provides bi-directional, closed-loop communications back to ERP systems for execution. This facilitates the evolution of supply chain processes towards true convergence of end-to-end planning and execution.

Work collaboratively and securely in real time with all trading partners to gain greater resiliency through bi-directional visibility and insights.

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