IBM Supply Chain Business Network

A cloud-based, AI-enabled business network that streamlines collaboration and deepens B2B transaction visibility across your supply chain.

Highlights

- Deliver scalable and trusted B2B integration for all your business needs.
- Streamline connections to increase efficiencies and reduce costs.
- Capitalize on AI to make faster, more informed business decisions.

Meeting demands without disruption

Digital business and globalization continuously disrupt the way we operate in nearly every industry. Customers expect what they want, when and where they want it. You need to be able to meet expectations and seamlessly adapt to the various hurdles and ever-changing needs of a multi-enterprise environment. You also need to be confident that your business network is designed to support your current and evolving needs.

The pressure on IT to address increasingly complex supply chain challenges continues to grow. However, many IT organizations operate systems that were built for another era and lack the transparency and visibility needed for today's supply chains. Eighty-four percent of chief supply chain officers (CSCOs) report that a lack of visibility is their biggest challenge.[1]

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IBM Supply Chain Business Network (SCBN) is a cloud-based business network that enables you to simplify collaboration across your supply chain and deliver AI-powered B2B transaction visibility to business users. SCBN enhances supply chain collaboration by automating B2B transactions with your customers, suppliers, and trading partners, which yields an average 3-year return on investment (ROI) of 308%. SCBN leverages AI to deliver deep search and visibility into B2B transaction lifecycles to provide business users with the

insights needed to make faster and more informed decisions. IT and business users can search and visualize the entire lifecycle of a transaction in real-time and in context or drill down to see the granular detail of specific documents.

Frictionless, cost-effective and complete connectivity

Simplify B2B communication of electronic documents and establish strong connections that accommodate your trading partners' requirements. Every partner has a unique and diverse set of business requirements, industry regulations, government mandates they must comply with, as well as their own level of technical expertise. SCBN enables communication between you and more than 400,000 pre-connected global trading partners exchanging billions of documents a year.

Always-on availability with industry-leading uptime performance records and rapid partner onboarding provides your enterprise with the tools it needs to keep your supply chain connected, regardless of its geographic location or level of technical skill.

With frictionless connectivity from SCBN, you can:

- Onboard new trading partners more quickly and easily.
- Support the most demanding workloads, transaction types and volume variations and new growth areas with a highly-scalable architecture.
- Facilitate automation with smaller, non-EDI trading partners who still use manual communications such as fax or email.
- Support government regulations, such as Pan-European Public Procurement Online (PEPPOL) and e-Invoicing.
- Global cloud base service enables you to scale to meet seasonal demand.
- Leverage Web services for real-time processing and data enrichment.

Data format and standards	X12, EDIFACT, XML, .CSV, iDoc, flat files, TRADACOMS, RosettaNet, PEPPOL, Compord, VDA, RND
Communication Protocol	Webservices, or through virtually any Internet protocol, including IBM Sterling Connect:Direct®, TCP/IP, FTP, FTP/PGP, FTPS, SMTP, X.400, HTTP, HTTPS, MQ, and the EDIINT protocols AS1, AS2, and AS4, OFTP 2.0, SFTP
Small Partner Automation	Document Conversion Services (Convert fax transactions, e-mail and postal mail into EDI or XML and EDI to Fax) and WebForms

*For a complete list of standards and protocols please contact your sales representative.

IBM Supply Chain Business Network (SCBN) communication standards and protocols

Faster, more-informed decisions

Leverage AI to help enable IT and business users' access to the right information in real-time to make faster and more informed decisions, through deep search and visibility into the B2B transaction lifecycle with your customers, suppliers and trading partners.

Natural language and conversational search technologies, powered by AI, allow business users to ask questions and receive answers using business terminology your team understands, rather than IT technical jargon.

Use AI and machine learning, pattern detection and data science expertise to automatically detect and alert your team to any abnormalities in volume, velocity and value patterns throughout your supply chain's B2B documents and transactions.

With improved visibility, your enterprise can:

- Optimize the productivity of your IT team by using AI to reduce the time they spend tracking the status of transactions on behalf of business users.
- Empower business users to self-serve the information they need to increase performance and improve customer service.
- Quickly react to early warning on B2B transaction anomalies and minimize the impact to the business

Why IBM?

To stay competitive, best-in-class organizations will need to capitalize on a digital business network that simplifies connections with partners, accelerates onboarding, and provides end-to-end visibility across your B2B transaction lifecycles.

IBM Supply Chain Business Network (SCBN) delivers with a single, cloud-based, AI-enabled digital business network that streamlines connectivity and collaboration and deepens B2B-transaction-lifecycle visibility across your supply chain. It leverages the cloud to provide the demand-driven and trusted B2B integration your business needs. It simplifies collaboration by digitizing and automating B2B transactions to increase efficiencies and reduce costs. And enables business users to make faster, more informed decisions with AI.

For more information

To learn more about IBM Supply Chain Business Network solutions, please contact your IBM representative or IBM Business Partner, or visit https://www.ibm.com/us-en/marketplace/partner-collaboration-network

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