

GXS BizManager™

The Power of a Comprehensive B2B Gateway

The ability to quickly, easily and securely exchange information with your trading partners is vital to your success. Purchase orders, invoices, advance ship notices—these critical transactions drive your business. For financial services, government and healthcare organisations, the integrity and security of the data transfer itself is imperative. While the type of business documents and information may vary by industry, the goals are the same: the standardised, synchronised and streamlined exchange of information across your trading community.

Translate. Exchange. Communicate.

When all partners communicate electronically, information travels faster and with greater accuracy, improving decision-making and reducing costs. Enter GXS BizManager™, the most comprehensive B2B Gateway solution available for messaging, mapping, transformation, trading partner community management, tracking and auditing. Web-based, it leverages the latest industry standards and provides for direct, secure data exchange, and can reduce the time, cost and effort of fulfilling electronic communication requirements.

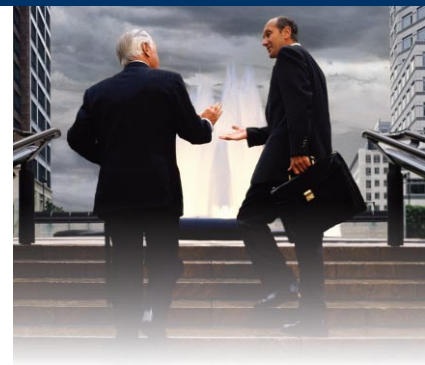
Efficient communication with your trading partners also depends on a high level of interoperability between disparate solutions and support for customer and industry initiatives. By leveraging the Internet and industry standards, BizManager can enable your entire community of trading partners to exchange information electronically—even partners that currently exchange information via fax or phone—minimising the manual rekeying of paper transactions and reducing value-added network (VAN) costs. It's also interoperable with third-party solutions that support standards-based data transport.

As a result, you can successfully manage your trading partner and business communities while connecting your organisation to all of your business partners—from Global 2000 organisations to much smaller operations—in a secure and cost-effective environment. And as the rate of partner participation increases, so do your savings.

Enhanced Connectivity, Visibility and Control

Business systems are often purchased as point solutions by various divisions within the same company. However, how well integrated these solutions are can significantly impact your ability to conduct business—inside the organisation and across the trading community.

That's why BizManager provides a fully integrated solution, or technological backbone for the secure exchange of data, files and documents. All business integration needs—whether application-to-application, internal department-to-department or business-to-business with your trading community—are consolidated into a single, open solution that can easily be integrated with other technologies, greatly simplifying back-office system integration.



KEY BENEFITS


- Simplify trading community management with integrated supply chain communication solutions
- Meet industry mandates and trading partner requirements
- Realise 100% trading partner connectivity
- Minimise inefficiencies, transaction-processing costs and cycle times
- Gain real-time visibility into business activity and performance
- Integrate existing EDI translator/mapper solutions and back-office systems with ease
- Plan for future growth with a flexible, scalable solution
- Enable the cost-effective and secure electronic exchange of information with your trading partners

By enabling your internal systems to work in unison instead of as distinct silos, your company will be better positioned to support future initiatives and react quickly to new competitive pressures. You will also gain real-time visibility into business activity and performance, the ability to analyse critical operational metrics and enhanced control with proactive event management/alerting capabilities.

Connect 100% of Your Trading Partners

In your trading partner community and within your organisation, disparate technologies abound. Every partner has its own way of doing business, its own unique requirements. How do you communicate with all of them without programming an individual connection to each one? Easily, since BizManager accommodates multiple transport protocols and any type of data your partners need to exchange, from EDI and XML to flat files such as spreadsheets and CAD drawings.

Its high level of interoperability with other solutions means that partners using any AS1/AS2/AS3- or ebXML-certified solution can easily connect to BizManager, further extending the return on your investment.



The screenshot displays a web-based interface for managing trading partners. It features a table with columns for partner names, connection status (indicated by green and red icons), and various system logs or messages. The interface is clean and professional, typical of a business-to-business software application.

GXS BizManager simplifies trading community management by consolidating transformation and connectivity needs in one place and providing a detailed audit trail for expedient issue resolution and control.

For companies with hundreds or even thousands of business partners, managing the EDI-INT connectivity of each and every partner can be a heavy burden. Our Community Development team will work directly with your partners to get them connected as smoothly and efficiently as possible. Leave it to GXS to contact each of your partners, explain the business value of making a change, determine which GXS product offering best fits their needs and manage the entire partner connectivity process.

Comply with Evolving Supply Chain Requirements

A highly scalable solution, BizManager brings your business a competitive advantage in the rapidly changing technology landscape. By adhering to required technical standards, trading partner satisfaction will improve, response times will tighten and error rates will drop.

BizManager supports evolving EDI requirements with:

- Secure file transfer of business data and documents internally and with your trading partners
- Several secure managed file transfer options and secure transports, including AS1 (SMTP), AS2 (HTTP), AS3 (FTP), ebXML and other network-based protocols and Web Services

- Non-repudiation with proof of transmission and receipt
- Integrity of business data/documents with signed and encrypted documents and encrypted HTTP/s and FTP/s connections
- Complete audit trail of all business data/documents exchanged via BizManager

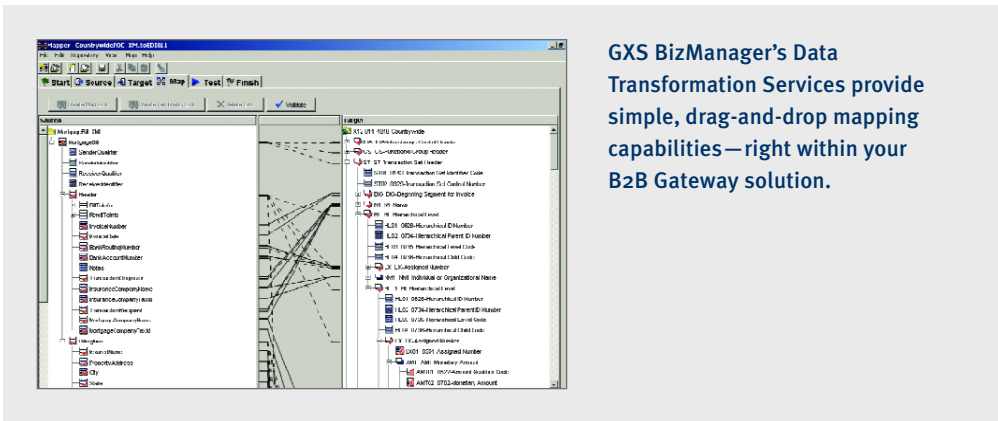
Multiple Business Requirements, Single Solution

GXS can provide you with one fully integrated solution to fulfill the communication and security requirements of your trading partners:

- **Any-to-any connectivity**—Any supported data format, any supported transport protocol—with BizManager, how you connect is up to you. BizManager enables simple point-and-click configuration of each partner's communication preferences, and its open connectivity eases back-office system integration.
- **Map your way to success**—With wizards and drag-and-drop functionality for quick and easy mapping, you can create mapping rules or use JavaScript for more complex and sophisticated translations. The solution also facilitates flexible data conversion, including flat file, ANSI X12, EDIFACT, TRADACOMS and GENCOD.
- **Data transformation services**—BizManager meets today's data translation needs with compliant data transformation for EDI, XML, text files and database-to-database, as well as:
 - Transformation control numbers at interchange and group levels within a party
 - Processing rules and document parsing/splitting that can occur prior to transformation rule actions
 - A new Transformation Party at no additional cost
 - Scalability to over ten million transformations per day
- **Transaction management, archiving and reporting**—BizManager includes built-in transaction tracking with actionable audit trails; archiving with automatic archival of closed-out transactions; real-time persistent queuing with retry, redundancy and fallback; and advanced reporting capabilities.
- **Activity and exception management**—Users can create rules for document interrogation and metadata-driven routing (e.g., identify purchase orders with certain value ranges, route certain documents to other applications or notify the warehouse manager when a particular trading partner's transaction has been processed). Exception management capabilities proactively locate and list all errors relevant to individual user responsibilities, and alerts notify the right people when potential business issues arise.
- **Solutions that grow with you**—BizManager is Java-based and J2EE-compliant, bringing high scalability and fault-tolerance to your B2B communications. This scalability enables you to easily support increased transaction volume as more partners participate or M&A activity increases the scope of your business.

Securely Exchange Data

When it comes to electronically exchanging the information that runs your business, security is paramount. In addition to fulfilling the most demanding security requirements



GXS BizManager's Data Transformation Services provide simple, drag-and-drop mapping capabilities—right within your B2B Gateway solution.

of suppliers and retailers across the supply chain, BizManager is designed to meet the strictest requirements of financial, healthcare and government institutions.

BizManager supports the most secure data transfer standards available, with encryption, non-repudiation and digital certificates for authentication—ensuring transactions arrive unaltered and that senders and receivers are who they claim to be. GXS's patent-pending encryption process supports the high-speed throughput of large amounts of encrypted data, reducing bottlenecks and keeping transactions flowing.

BizManager has been independently certified by eBusinessReady® for full support of leading security standards such as:

- Personal Information Exchange PKCS 12
- Cryptographic Message Syntax Standard PKCS 7
- S/MIME Signed/Encrypted
- PGP
- RC4 128
- SSL
- TLS

Advanced control over password configuration further protects your data from unauthorised users, with combinations of uppercase, lowercase and numeric characters, and a log of and limit on the number of invalid logon attempts.

SecureLink Outpost Redirector extends the solution by supporting two key security tenets:

- No external party can push data/files directly to internal systems via open ports
- No data/files are stored on a server in the DMZ, not even temporarily

GXS BizLink™

Manage a Large and Diverse Community of Partners

GXS BizLink™ is a powerful and scalable enterprise-level server solution that simplifies the management of a complex community of trading partners, business partners and internal organisations. BizLink runs on the IBM AIX, HP-UX, Sun Solaris, Red Hat Linux and Microsoft Windows platforms.

- **Secure mailboxing**—When implemented by a hub, secure mailboxing enables small trading partners, branches and even divisions to participate in trading community management via the Internet.



GXS BizManager provides the means to implement one B2B Gateway solution for all business integration needs, whether application-to-application, internal department-to-department or business-to-business with external organisations.

- **Custom web forms**—When implemented by a BizLink hub, web forms present information in a standard business document format and enable the exchange of EDI and XML documents for trading partners without in-house capabilities.
- **Load balancing and fault tolerance**—BizLink provides these security features via distributed installation on multiple servers.

GXS BizConnect™

Streamline Trading Community Management from Your Browser

BizConnect™ is a Java-based solution designed for small to medium-size organisations that need secure connectivity internally and with up to 25 trading partners. An embedded database is included with BizConnect to simplify implementation in a small footprint, turnkey solution. Organisations with constrained IT resources that prefer the Windows platform may also select BizConnect.

GXS BizManager400™

Enjoy Flexible Data Exchange Designed for the IBM System i Platform

Built for the IBM System i and i5/OS platforms, BizManager400™ is a native Java-based solution for trading partner data exchange. BizManager400 leverages GXS's expertise in trading partner connectivity to bring you the most flexible solution for business-to-busi-

ness communication, and remote access allows you to manage your trading community via a web browser interface.

SecureLink™

Protect Your Internal Systems from External Threats

SecureLink™ is a component that resides in the DMZ and works with BizManager to provide a single, secure gateway for all inbound and outbound data, isolating and guarding your systems from exposure to outside vulnerabilities. It also helps direct inbound messages to ensure your back-end systems don't get backlogged and inbound documents don't fall through the cracks.

About GXS

GXS is a leading global provider of B2B e-commerce solutions that simplify and enhance business process integration and collaboration among trading partners. Organisations worldwide, including more than 75 percent of the Fortune 500, leverage the on-demand services on GXS Trading Grid® to extend supply chain networks, optimise product launches, automate warehouse receiving, manage electronic payments and gain supply chain visibility. GXS Managed Services, GXS' B2B outsourcing solution, empowers customers with the expertise, technical infrastructure and program support to conduct B2B e-commerce with trading partners globally. Based in Gaithersburg, Md., GXS has an extensive global network and has local offices in the Americas, Europe and Asia-Pacific regions. GXS can be found on the Web at www.gxs.co.uk.



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The GXS BizManager family of solutions is designed to connect a company of any size to its entire business community while ensuring a secure exchange of information.

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