

# Overview of GXS Products

GXS offers a comprehensive suite of B2B e-commerce products to meet the needs of companies ranging from large, multi-national enterprises to small, entrepreneurial startups. Our offerings are categorized into four families: Messaging, Managed Services, B2B Integration Software and Active Applications.

## GXS Trading Grid®

All our products are built on (or designed to connect to) our cloud-based integration platform—GXS Trading Grid. Connecting to the Grid grants access to the world’s largest electronic business community. Over 500,000 businesses in over 50 countries use the Grid every day to facilitate the transfer of goods, money and information with their customers, suppliers and service providers.



### GXS TRADING GRID

- 550,000 Business Partners Connected
- 14 Billion Transactions Per Year
- Trillions of Dollars of Electronic Commerce
- Used by Customers in Over 50 Countries
- Over 200 e-Commerce Standards Supported

#### Application Services

- Product Catalogue
- Order Tracking
- Logistics Visibility
- Electronic Invoicing
- Community Management
- Operational Intelligence

#### Managed Services

- Community Onboarding
- Proactive Monitoring
- Map & Forms Development

#### Messaging Services

- EDI & XML Messaging
- AS2, FTP and IP Connectivity



All the applications on Trading Grid leverage a common set of cloud services:

- **Message Translation**—Trading Grid performs on-network translation of message standards and file formats. We can extract data from your enterprise applications in formats such as SAP IDoc or Oracle TIF then convert it into standardized messages such as EDI, XML or SWIFT. Our message translation services enable you to send and receive messages using a single standard while enabling your business partners to receive messages in their preferred format.
- **Message Tracking**—GXS Active<sup>SM</sup> Documents enables status tracking for each individual message sent through the Grid. A web-based interface enables you to determine if a trading partner received a message. Active Documents also provides visibility into the transaction lifecycle of a document as we perform mapping, validation or error processing.

- **Archiving**—Store copies of B2B e-commerce transactions for up to ten years. Upon request, GXS can reprocess archived transactions, the documents into your enterprise applications or those of your business partners. Alternatively, copies of archived data can be reproduced for audit purposes.

Other examples of services on Trading Grid include encryption, compression, tokenization, alerting, notification and event management.

## Messaging Services

GXS Trading Grid provides a secure, scalable, highly reliable platform for the exchange of transactions, such as purchase orders, shipment notices, commercial invoices and payment instructions, within a community of business partners.

- **AS2 and FTP**—Exchange data using a variety of Internet communication standards such as AS2, AS3, SFTP, FTPS. Private connectivity options such as Bisync and X.400 are also supported. Additionally, GXS offers protocol mediation, which means that your business partners do not need to use the same connectivity model as you.
- **EDI and XML**—Exchange standards-based EDI and XML messages. GXS supports all the popular standards including ANSI X.12, EDIFACT, Tradacoms and GS1 EANCOM. You can also share other types of data such as point-of-sale transactions or check images.
- **Third Party Network Interoperability**—The Grid connects to various third party cloud-based B2B integration networks such as ANX, ENX, JNX and IVANS. We have established Interconnect agreements with the leading EDI networks such as IBM Sterling Commerce, EasyLink and SPS Commerce. GXS also provides interoperability to SWIFT, which connects to over 9,000 financial institutions in over 200 countries.

## B2B Integration Software

Our B2B Integration Software suite includes a portfolio featuring specialized B2B integration gateways, high-performance translation servers, managed file transfer and desktop EDI translators.

- **Translation Software**—GXS TrustedLink® software includes a drag-and-drop mapping tool and a high performance translator. GXS offers specialized versions of TrustedLink for the UNIX, Windows and IBM System i platforms.
- **B2B Gateways**—GXS BizManager® is a behind-the-firewall, licensed integration software package. Unlike traditional middle-ware and integration products, BizManager is specifically designed for the unique needs of multi-enterprise, B2B data flows. Both offer data transformation software to support any-to-any mapping and data translation.

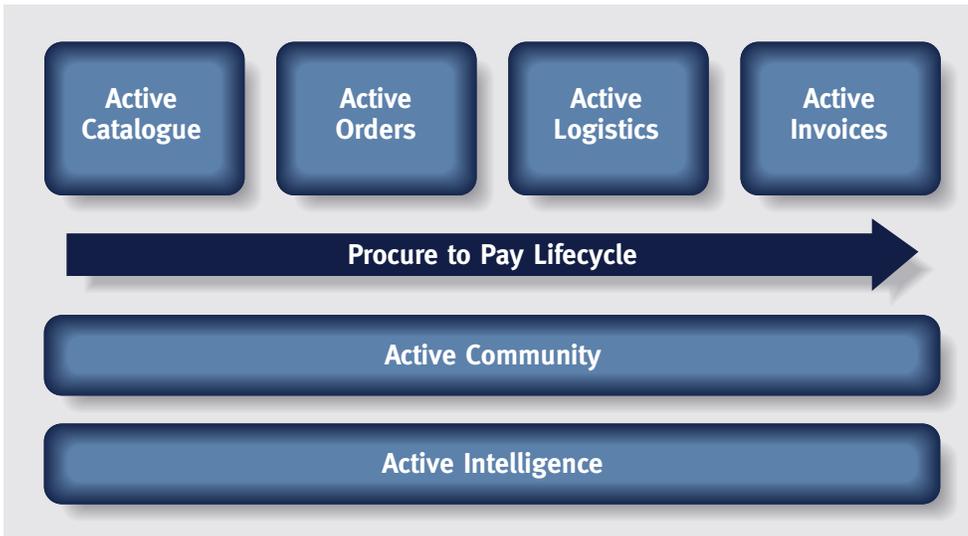
### NETWORKING PROTOCOLS SUPPORTED:

- FTP/VPN
- Secure FTP
- FTP Push
- AS2
- OFTP
- HTTP/S
- IBM MQ Series
- AS3
- SOAP
- X.400
- Dial PPP
- ISDN
- SNA mainframe integration
- Asynchronous dial-up
- Bisynchronous dial-up
- ANX, ENX, JNX
- SWIFT
- VAN Interconnects

### MESSAGING STANDARDS AND FILE FORMATS SUPPORTED:

- EDIFACT
- Tradacoms
- ANSI EDI
- EAIJ
- EANCOM
- SAP IDoc
- Oracle TIF
- OAG XML
- Odette
- RosettaNet
- BASDA XML
- SWIFT MT
- ISO 20022 XML
- Microsoft Excel (CSV)

- **Managed File Transfer (MFT)**—GXS offers a licensed, software product designed exclusively for secure and reliable file exchange. MFT can be used to exchange large files, such as CAD/CAM diagrams, document images or marketing collateral, with business partners worldwide.



## Active Applications

GXS Active<sup>SM</sup> Applications is a suite of software as a service (SaaS) products that provides better visibility and collaboration between customers, suppliers and business partners. GXS Active Applications are complementary to your existing ERP systems and enterprise applications.

- **GXS Active<sup>SM</sup> Catalogue**—Enables you to share product, price, marketing and packaging data with supply chain partners. You can aggregate your product master data behind the firewall, synchronize item data with trading partners and communicate price changes through your value chain.
- **GXS Active<sup>SM</sup> Orders**—Enables you to track the lifecycle of a purchase order or a specific shipment. GXS can provide real-time visibility to activities such as PO acknowledgement, warehouse receiving and invoice processing. Visibility enables you to detect critical supply signals such as shipment or manufacturing delays, and demand signals such as a sudden increase in sales or a shortage of in-store inventory.
- **GXS Active<sup>SM</sup> Logistics**—Enables you to track container shipments as they traverse complex, multi-modal, international supply chains. GXS will aggregate data from ocean, ground, air and rail freight carriers as well as freight forwarders, customs brokers and third party logistics providers. Active Logistics provides not only the location of shipments, but the detailed contents of each container and its expected date of arrival.
- **GXS Active<sup>SM</sup> Invoices**—Reduce inefficiencies in the invoicing and payment processes by digitizing document exchange, automating matching processes and enhancing

### ACTIVE APPLICATIONS SUPPORT COMPLEX SUPPLY CHAIN MODELS

- Vendor Managed Inventory
- Direct-Store-Delivery
- Cross-Docking
- Drop Ship
- Evaluated Receipts Settlement

visibility to payment status. Our Active Invoices service enables you to comply with country-specific requirements for digital signatures, document archiving and content validation.

- **GXS Active<sup>SM</sup> Community**—Collect profile information and relevant documentation from your community of suppliers and customers. Once you have built a database of master data, you can then begin to rollout new B2B e-commerce programs to your business partners. And you can track your business partners' activity as they move through multiple phases of implementation.
- **GXS Active<sup>SM</sup> Intelligence**—Offers a data quality and compliance service designed to improve the accuracy, completeness and timeliness of electronic transactions. The data quality service enables you to proactively track “in-flight” transactions and processes against business and compliance rules. Data quality errors can be quarantined or simply logged.

## Managed Services

Managed Services allow you to engage GXS as a partner to help manage the day-to-day activities such as mapping, onboarding, monitoring and technical support. Our B2B experts can perform one or all of the following on your behalf:

- **ERP Integration**—GXS will work with your application architecture team to devise the optimal approach for ERP connectivity. We have extensive experience aggregating, collecting, distributing and synchronizing data with various modules and versions of SAP, Oracle and Infor applications.
- **Community Onboarding**—We can perform onboarding of business partners such as customers, suppliers, distributors, logistics providers and financial institutions on your behalf. Our team of experts will provide marketing, education and consultation to your business partners. We will also provide support as they step through the connectivity, implementation and testing processes.
- **Map and Forms Development**—Our team of experts will gather document specifications, develop physical maps/forms, then perform unit and integration testing. We can develop maps for any industry standard message including EDI and XML or structured file format. GXS supports a variety of complex mapping scenarios ranging from cloning to file merging and splitting. We can develop forms to represent any paper or electronic document.
- **Activity Monitoring**—GXS can monitor your B2B infrastructure and trading partner communications on your behalf. Our staff will proactively identify, troubleshoot and resolve exception scenarios. Technical errors can usually be resolved independently by GXS.
- **Technical Support**—GXS can provide 24x7 call center support, troubleshooting and problem resolution. Support is offered in numerous time zones around the world. We offer multiple tiers of support that can provide troubleshooting and problem resolution in 12 different languages.

### UNMATCHED ABILITY TO SCALE

- Over 40,000 Maps Developed
- Over 100,000 Trading Partners Onboarded

GXS offers a number of options for small- and medium-sized businesses that frequently lack the budget, resources and expertise to implement B2B e-commerce technologies.

- **Intelligent Web Forms**—GXS can enable your suppliers and customers to send, receive, turn around, create and manage B2B transactions using a secure website. There is no software to license or install. Any user with a PC and a web browser can use Intelligent Web Forms with minimal training.
- **Trading Grid for Excel**—Enables users to create electronic documents such as purchase orders or invoices from within Microsoft Office. Using a lightweight client application installed to the dynamic ribbon bar of Excel, users can send or receive B2B transactions. GXS also offers options for end-users at both large and small companies to directly exchange B2B transactions and monitor activities from any device.

Our customers use Managed Services to support a number of strategic IT priorities such as the migration to shared service centers, technology modernization or ERP application upgrades. Specifically, GXS Managed Services can support:

- **ERP Project Support**—Keep ERP projects on-schedule and under budget by off-loading the associated B2B integration activities to a specialized third party. With a variable staffing model, GXS can perform mapping, testing and on-boarding more cost-effectively than many IT organizations.
- **Post-Divestiture Migration**—Establish an independent B2B integration environment to support ongoing customer and supplier engagement. GXS can help to accelerate the migration from expensive former parent company IT platforms.
- **Multi-VAN Consolidation**—Consolidate B2B traffic from multiple, disparate VAN providers onto a single, global network. GXS can provide consistent worldwide functionality and operating procedures.
- **Customer Integration**—Comply with requests for bespoke integration from large accounts. GXS supports all the major messaging standards and network protocols to enable you to become easier to do business with.
- **B2B Platform Modernization**—Migrate away from mainframe or other legacy B2B architectures onto a modernized SOA platform. GXS can help reduce costs by retiring legacy systems while also expanding the breadth of B2B integration capabilities available.



About GXS

GXS is a leading B2B integration services provider and operates the world's largest integration cloud, GXS Trading Grid®. Our software and services help more than 550,000 businesses, including 22 of the top 25 supply chains, extend their partner networks, automate receiving processes, manage electronic payments, and improve supply chain visibility. GXS Managed Services, our unique approach to improving B2B integration operations, combines GXS Trading Grid® with our process orchestration services and global team to manage a company's multi-enterprise processes. Based in Gaithersburg, Maryland, GXS has direct operations in 20 countries, employing more than 2,800 professionals. To learn more, see <http://www.gxs.com>, read our blog at <http://www.gxsblogs.com> and follow us on Twitter at <http://twitter.com/gxs>. You can also access our public filings with the Securities and Exchange Commission at <http://www.sec.gov/edgar.shtml>.

**NORTH AMERICA AND GLOBAL HEADQUARTERS**

GXS  
9711 Washingtonian Blvd.  
Gaithersburg, MD 20878  
US  
+1-800-503-9190 t  
+1-301-340-4000 t  
[www.gxs.com](http://www.gxs.com)

**SOUTH AMERICA BRAZIL**

GXS Brazil  
Rua Bela Cintra 1149  
9º andar CEP: 01415-001  
São Paulo, Brasil  
+55 11 2123 2500 t  
[www.gxs.com.br](http://www.gxs.com.br)

**EUROPE, MIDDLE EAST AND AFRICA HEADQUARTERS UNITED KINGDOM**

GXS Limited  
18 Station Road  
Sunbury-on-Thames  
Middlesex TW16 6SU  
England  
+44 (0)1932 776047 t  
[www.gxs.eu](http://www.gxs.eu)

**ASIA HEADQUARTERS HONG KONG**

GXS International  
Room 1609-10  
16/F China Resources Building  
26 Harbour Road  
Wanchai, Hong Kong  
+852 2884-6088 t  
[www.gxs.asia.com](http://www.gxs.asia.com)

**JAPAN HEADQUARTERS TOKYO**

GXS Co., Ltd.  
Akasaka Intercity 3F  
11-44 Akasaka 1-chome  
Minato-ku  
Tokyo 107-0052  
Japan  
+81-3-5574-7545 t  
[www.gxs.co.jp](http://www.gxs.co.jp)