

Axway B2Bi

The next-generation B2B integration solution



Axway B2Bi is a comprehensive, packaged solution for integrating your business with your community of suppliers, customers, financial institutions or regulatory bodies at low total cost of ownership — regardless of the complexity and number of EDI or XML transactions.

Paving the way for the consolidation of any existing legacy EDI or B2B system, Axway B2Bi provides a simple way to integrate any B2B transactions and processes with business applications (such as Oracle, SAP and Lawson) with real-time visibility, easy partner on-boarding and configuration, high security and scalability, and built-in system administration.

Key Features & Benefits	
<p>Comprehensive and secure B2B connectivity Connect your enterprise with all of your customers, suppliers, financial institutions and regulatory bodies</p>	<ul style="list-style-type: none"> ▪ Leverage a wide range of Internet-based B2B messaging protocols, including EDIINT AS1, AS2 and AS3, RosettaNet RNIF, OFTP and ebXML ebMS ▪ Reduce operating costs and business fragility by consolidating manual data exchanges, unmanaged FTP and existing B2B gateways with a truly reliable B2B gateway with built-in B2B Managed File Transfer (MFT) ▪ Move away from costly VAN networks and fully leverage the Internet by communicating securely with any certified EDIINT solution ▪ Transparently support strong security protocols, data integrity checking and guaranteed delivery
<p>Flexible partner management and deployment Enable and manage your entire community quickly and easily</p>	<ul style="list-style-type: none"> ▪ Use wizard-based partner management to quickly define, test and deploy new B2B partners and transactions ▪ Leverage automated provisioning and quickly establish last-mile connections with your trading community using comprehensive Axway endpoints ▪ Provide flexible deployments for smaller suppliers with WebEDI



Key Features & Benefits	
<p>Packaged, robust and comprehensive application integration Integrate your business applications with state-of-the-art mapping and orchestration capabilities</p>	<ul style="list-style-type: none"> ▪ Seamlessly extend any business application or ERP with B2B integration capabilities, and isolate applications from B2B exchange complexity ▪ Migrate from legacy EDI translators to a cost-effective B2B integration solution with modern and packaged application integration capabilities ▪ Support any B2B format to any application format and leverage a powerful eclipse mapping design environment ▪ Orchestrate any multi-enterprise business process — such as order-to-cash, procure-to-pay, replenishment, planning and forecasting, transportation and logistics, health information exchanges (HIE), provider-payers exchanges and government-to-government exchanges ▪ Create a robust active-active infrastructure with a scalable and highly available architecture to support your business growth and mission-critical processes
<p>Real-time visibility for business and IT users React in real time to incidents and non-events, and anticipate business impacts</p>	<ul style="list-style-type: none"> ▪ Provide business users with end-to-end visibility into business transactions both internal and external to your enterprise ▪ Define monitoring dashboards with key KPI and SLA metrics, and define alerts for proactive problem notification

Core Functionality

Axway B2Bi is designed to establish connections and manage information flow between your B2B community (customers, suppliers, financial institutions, and regulatory bodies) and your internal applications, bringing visibility into transactions and increasing B2B process reliability. For business-critical files and messages, visibility does more than allow you to find and review information — it enables you to be proactive, to react to exceptions, and to improve your overall business processes and SLAs.

Simpler Application Integration

Axway B2Bi provides a unique packaged integration approach that supports any type of business application and application integration pattern, robust orchestration capabilities and rich mediation services to connect any protocol, any format and any application.

- Real-time, scalable data validation, transformation and routing enable quick data integration regardless of data complexity or volume.
- Pre-defined integration processes support a rich variety of EDI and other B2B formats and messaging protocols out of the box, minimizing installation, set-up time and costs. Key capabilities include messaging metadata management, enveloping and splitting, and automatic acknowledgment management.
- Managed File Transfer, message brokering and direct application connectivity reduce application integration costs, leverage existing investments and extend any business application (such as Oracle, SAP, Lawson, and more) for B2B transactions.
- Rich B2B connectivity options – including a wide range of B2B messaging protocols and built-in B2B Managed File Transfer – enables you to connect to any partner.

Flexible Drag-and-Drop Visual Data Mapping

Axway Mapping Services is an intuitive, drag-and-drop Eclipse-based design tool for mapping, lookups, validation and routing rules. A rich library of standard EDI and B2B formats allows you to quickly respond to new business requests by making it easy to define, maintain, simulate, print and deploy new maps and integration processes. Mapping Services also includes version-control capabilities.

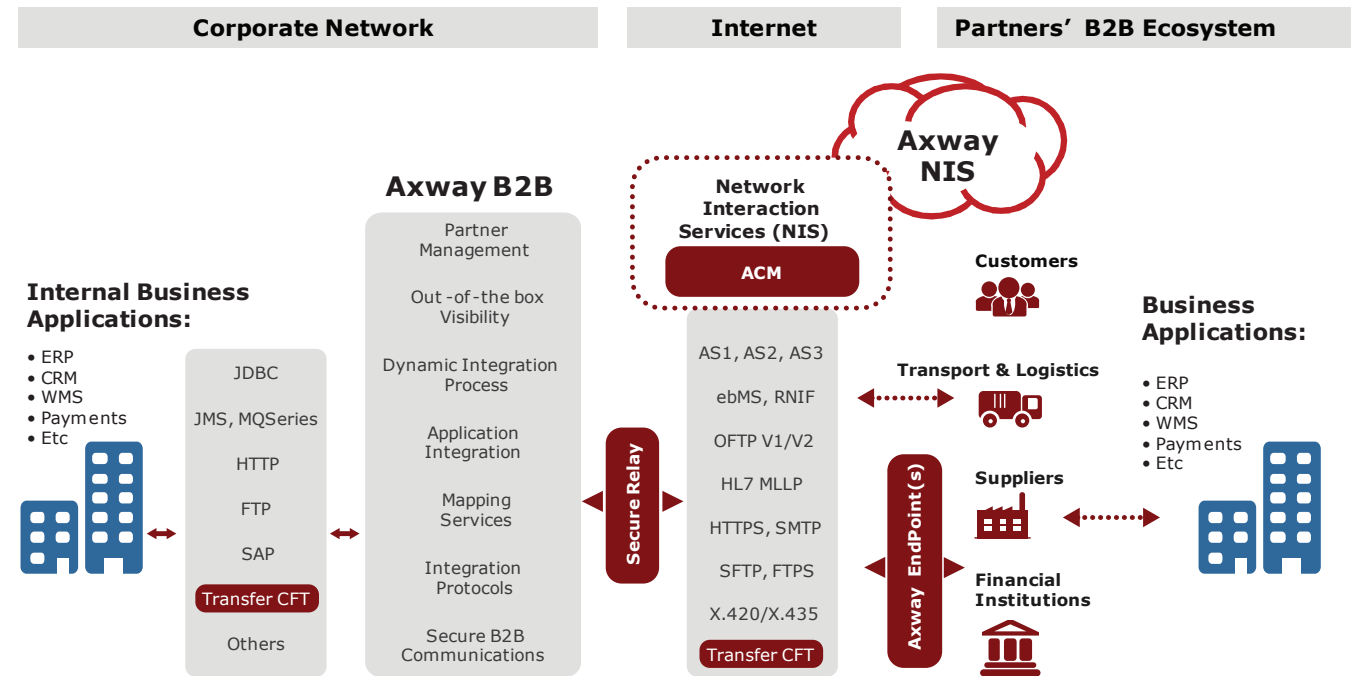
Robust Security

Axway B2Bi safeguards data as it flows in and out of your enterprise through the Internet and your firewalls, using a full arsenal of protective measures – authentication, authorization, integrity, confidentiality, non-repudiation, controlled list of IPs, DMZ secure relay and role-based user access –for maximum protection and enforcement of your organization’s specific security and privacy policies.

Real-time Visibility

Axway B2Bi provides built-in visibility into what is happening between all applications inside your enterprise and your B2B ecosystem, empowering technical and business users with the reactivity they need for smooth B2B operations.

- Consolidated real-time and customizable searches into business transactions enable you and your partners to effectively monitor order-to-cash, procurement, invoicing and other multi-enterprise business processes, such as order fulfillment. IT can monitor technical issues; and line-of-business managers can view events of their business process from beginning to end and can troubleshoot exceptions.
- Complete audit trails optimize dispute resolution processes while simplifying and lowering the cost of compliance with industry and government regulations, such as HITECH/HIPAA, GLBA, PCI and SOX.
- System dashboards enable monitoring of server activity and technical events.



Flexible Deployment Options

<p>Easy-to-install Appliance</p> <p>Axway B2Bi is available as a high-performance, hardened appliance designed for reliability with RAID controllers, optional redundant power supplies and worldwide onsite hardware support. Axway B2Bi is also available on a virtual appliance.</p>
<p>Private Cloud</p> <p>Axway can host B2Bi in the cloud, providing rapid deployment and elastic scalability without requiring any capital expenditures. Axway provides dedicated B2B services for each customer, assuring security and data segregation, and the ability to easily migrate from a cloud-based to an on-premise solution if needed.</p>
<p>Software</p> <p>For maximum flexibility, organizations with complex regulatory requirements, unpredictable processing loads and intricate integration needs can deploy Axway enterprise software in their own data centers.</p>
<p>Managed Service</p> <p>Axway can provide highly trained B2B integration service experts — working onsite or remotely, full or part time — with the exact knowledge you need to keep your B2Bi solution running efficiently.</p>

Available Functionality

Axway B2Bi is based on an event-driven architecture (EDA) SOA platform that allows you to easily extend your solution to accommodate change and growth.

Flexible Partner Management

Partner management streamlines how you (the hub) on-board, maintain and interact with members of your B2B community (the spokes) for business processes and associated interaction patterns. A web-based partner management wizard allows you to quickly define, test and deploy new partners and transactions.

Community Management

Axway Community Management complements Axway B2Bi with cloud-based community management features that enable you to on-board partners quickly and manage campaigns across your entire member directory. Provisioning services automate the deployment and configuration of endpoints.

WebEDI

Connect with technically challenged suppliers using Axway's supplier web application, which provides standard EDI business processes to external suppliers who do not have their own EDI infrastructures.

Supported Protocols & Standards

B2B Messaging Protocols and MFT

EDIINT AS1, AS2, AS3
 OFTP (V1 and V2) over TCP/IP X.25, and ISDN
 RosettaNet RNIF (V1.1 and V2)
 ebXML ebMS (V2)
 HL7 MLLP (V1 and V2)
 cXML (V4)
 Web Services
 X.400 over X.25 and TCP/IP (X.420 and X.435 profiles)
 HTTP, HTTP/S, Staged HTTP Web Servlet
 Axway Transfer CFT, and PeSIT
 FTP S/FTP, FTP/S
 JMS, IBM WebSphere MQ
 WebDAV
 Secure email (via SMTP)

EDIINT and ebXML are certified by the Drummond Group annually. OFTP V2 is certified by ODETTE.

B2B Formats

Supply Chain

ANSI X12
 EDIFACT
 ODETTE
 TRADACOMS
 cXML
 xCBL
 VDA
 OASIS UBL
 Boostaero
 Cargo-IMP

Healthcare

HL7

Financial Services

NACHA 2007 and 2009
 FIXML
 Fedwire



Comprehensive EndPoints

Axway offers comprehensive EndPoint options to empower your partners and secure exchanges with your community. Axway SecureClient provides RFC-compliant FTP/S, HTTP/S and SSH clients. Axway Activator provides EDIINT AS1, AS2 and AS3 clients. And Axway Transfer CFT provides full PeSIT support.

Active-Active Architecture

Support for active-active architectures provides enterprise-class architecture with the scalability and high availability required for business-critical applications.

Managed File Transfer (MFT) Capabilities

Axway Transfer CFT extends Axway B2Bi to provide robust file-transfer services for application integration. Logical naming of services provides an abstraction of platform idiosyncrasies, transfer configuration and intelligent routing, enabling your IT operations to manage file-transfer complexity. Rich scheduling, automation, retry, checkpoints and acknowledgement services (at both the technical and application levels) provide high reliability across more than 20 different platforms, including Windows, UNIX, Linux, mainframes and the AS400.

Dashboards, Alerts and End-to-End Visibility

Axway Sentinel extends Axway B2Bi with intuitive dashboards – including drill-down capabilities and alerting mechanisms – to monitor business transactions, business processes and SLAs in real time.

Axway Sentinel provides customizable web-based end-to-end monitoring (combining B2Bi and Transfer CFT activities) for business and technical users, with graphical representation of the process lifecycle and end-to-end flow for every transfer.

Built on an event-based architecture, a powerful correlation engine enables you to build KPIs for dashboards, alerts and key business process views to optimize your business – including accelerating cash collections and reducing Days Sales Outstanding (DSO) through a consolidated view of invoice processing events. This consolidated view can show which invoices have been successfully sent and received, as well as all interactions (including emails) between the collector and payer, creating a detailed audit trail for the dispute resolution process.

Supported Protocols & Standards

Integration Protocols

HTTP
JMS and IBM WebSphere MQ
JDBC
Axway Transfer CFT
File system, FTP (client)
email (SMTP, POP3)
SAP
HL7 MLLP (V1 and V2)
SDK for custom protocols

SAP integration certified per the SAP interoperability certification process.

Application Formats

XML (with full support of W3C XML Schema, and DTDs)
Database
Flat file (csv, fixed)
SAP IDOC
Lawson MEC
Inhouse (Any variable and/or hierarchical format)
Cobol (fixed segments, variable segments)
TFXSLT / XSLT

Security Standards

SSL 2.0, 3.0
TLS 1.0
SSH 2.0 (client authentication)
S/MIME
PGP
Certificates (X509, PGP) with CRL, CSR, CEM and OCSP support
FIPS
Encryptions: RC2, RC4, DES, 3DES, AES
Signature: MD5, SHA-1, SHA-256



Supported Platforms & Databases

Operating Systems

Windows 32 bit

Windows 64 bit - 32-bit mode

Versions: 2000 SP3+, XP, 2003,
2008, 2008 R2

Linux 32 bit

Linux 64 bit - 64-bit mode

Versions / Editions: Red Hat
Enterprise Linux
3/4/5, SUSE 9/10/11

AIX 32 bit

AIX 64 bit - 64-bit mode

Versions: 5.2, 5.3 and 6.1

Databases

IBM DB2 8.2, 9.5 and 9.7.

Oracle 9i, 10g, 11g, 11.1, 11.2, and
11g RAC 11.2

Microsoft SQL Server 2000 with SP4,
2005 SP3, 2008 SP1

MySQL 5

For More Information, visit www.axway.com

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