

# Informatica B2B Data Exchange

## Integrate Data Across Business Networks to Maximize Operational Efficiency

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“Informatica gives Zyme the ability to maintain our competitive advantage by helping us deliver timely and accurate data to our customers. Using Informatica, Zyme is onboarding EDI feeds faster than before—freeing up development resources to address other important tasks.”

### BENEFITS

- Improve decision making with a complete, accurate view of all corporate data
- Increase operational efficiency and decrease costs by streamlining and automating transactions
- Maximize technology investments with a unified, scalable data integration infrastructure
- Ensure compliance with a frequently updated library of data format standards

To support B2B processes—such as data aggregation, data harvesting, business process outsourcing, and creating data hubs—enterprises must collaborate with vendors, customers, and other business partners across the firewall. Multienterprise data integration requires IT to manage large volumes of data in many formats and of uncertain quality.

Informatica® B2B Data Exchange™ is industry-leading software for data integration across multiple enterprises. B2B Data Exchange transforms any data, in any format, from any source, while detecting data quality problems early in the process so that only valid, trusted data enters or leaves enterprises. Visibility of the data throughout the exchange permits end-to-end management and monitoring for successful implementation.

B2B Data Exchange lets IT organizations define processes and transformations so that business users can configure these processes per partner and source. IT and business users alike can then monitor the data events for each partner and process and effectively respond to changes.

With B2B Data Exchange, IT can effectively scale data transformations to keep pace with growing business requirements, helping your company collaborate efficiently and cost-effectively with its extended network of business partners and customers.



With Informatica B2B Data Exchange, IT organizations define data integration processes and transformations so that business users can configure these processes per partner and source.

## Key Features

### Universal Data Transformation

- Provides single, centralized, consistent, reusable data transformation service for true “any to any” data transformation
- Supports binary documents (e.g., PDF, Excel, Word), printing formats (e.g., AFP and PostScript), and large batch file and real-time messages
- Supports complex flat files, including deep hierarchy, complex looping, delimited, and fixed- and variable-width data
- Supports XML, enabling enterprises to rely on and leverage XML while integrating data
- Supports complex hierarchical industry standards, including HIPAA, HL7, NCPDP, ACORD, DTCC, MVR, EDI and EDI-Fact, SWIFT, FIX, NACHA, and Telekurs
- Leverages powerful data access, data transformation, and data integration capabilities of the Informatica Platform

### Quality-Assured Data Exchange

- Builds comprehensive data quality processes into data integration
- Guarantees all data is complete, consistent, accurate, and current, wherever it resides
- Leverages robust data quality capabilities of the Informatica Platform

### Business Visibility Via Data Event Monitoring

- Provides end-to-end data visibility during integration, as well as “before and after” views and highlighting of errors
- Monitors field-level data events to pinpoint specific format discrepancies, validations, restrictions and enumerations, errors, failures, and exceptions
- Provides Web-based dashboards, analytics, and reporting capabilities for management and monitoring

The screenshot displays the Informatica B2B Data Exchange interface. At the top, there is a table of events with columns: Drill Down, Event Id, Partner, Account, Profile, Date/Time, Event Type, Event Status, and Reconciliation Status. Below this, a detailed view of an event is shown, including fields for Partner, Profile, Subject, Date/Time, Event Type, and Event Status. To the right, a 'Validation Errors' section is visible, containing a table with columns: Segment, ID Code, Position In Transaction Set, Element Position in Segment, Element Position in Component, Repeating Data Element Position, Data Element Reference Number, Code, Data Element Syntax Error, Description, and Data in Element. An orange arrow points from the 'Event Status' column in the top table to the 'Validation Errors' section. Another orange arrow points from the 'Logging Information' section to the 'Segments In Error' table.

Drill Down	Event Id	Partner	Account	Profile	Date/Time	Event Type	Event Status	Reconciliation Status
[Icon]	1256	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:47	File Level Event	Complete	
[Icon]	1258	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:43	File Level Event	Complete	
[Icon]	1249	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:05	File Level Event	Complete	
[Icon]	1247	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:05	File Level Event	Complete	
[Icon]	1245	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:05	File Level Event	Complete	
[Icon]	1245	TGP_Solutions	ALL	TGP_RouteMessage(1001)	24 May 2009 9:05	File Level Event	Error	

Segment	ID Code	Position In Transaction Set	Element Position in Segment	Element Position in Component	Repeating Data Element Position	Data Element Reference Number	Code	Data Element Syntax Error	Description	Data in Element
Interchange Control Number	00000743								Functional Group Control Number 743	
No enclosures error										
Transaction Control Number	B37-8743									
BHT	2	1				1005	5	Data Element Too Long		01191
BHT	2	4				373	8	Invalid Date		12033903

Segments In Error	Line Number	Segment
	1	BHT(00191)0310743(120688005)041322(036-

With Informatica B2B Data Exchange's data event monitoring capabilities, you get visibility into field-level data events such as format, transformation, and quality.

## Key Features (continued)

### Partner and Data Source Onboarding

- Enables creation of detailed partner and partner data profiles, including data sources, formats, and communication protocols
- Lets IT define the data flow template with configurable attributes or parameters in real time
- Enables business analysts to define variables for the onboarding process

### Robust, Scalable Data Integration

- Leverages Informatica PowerCenter® to integrate data from virtually any business system, in any format
- Scales to support integration of large and high-volume data transactions
- Connects to virtually all databases and mainframes, plus flat files, messages, Web services, and major connectivity systems
- Interoperates with major connectivity, business process management, and messaging systems

### Codeless, Visual Design and Mapping Environment

- Furnishes single, easy-to-use environment for designing, mapping, debugging, testing, and deploying
- Enables business analysts to create mappings in familiar Microsoft Excel environment
- Leverages robust mapping capabilities of the Informatica Platform

### Secure Connectivity via Managed File Transfer

- Ensures secure data/file transfer
- Supports all communication protocols
- Provides managed file transfer through file movement visibility

With powerful partner management and business event monitoring capabilities, Informatica B2B Data Exchange can help your company collaborate efficiently and cost-effectively with its extended network of trading partners and customers. As a result, your company can reduce costs and protect and grow revenue streams.

## Benefits

### Improve Decision Making

Informatica B2B Data Exchange lets you make faster, better business decisions based on a complete view of all your data, regardless of format, type, or where it resides—inside your corporate firewall or with your trading partners. This full, accurate view of corporate performance lets you respond more quickly and effectively to changing business needs.

### Increase Operational Efficiency and Decrease Costs

Greater visibility into and control over your data streamlines your company's ability to manage and troubleshoot multienterprise transactions, accelerate time to revenue, and increase supply chain and business process efficiency. Informatica B2B Data Exchange automates data integration so you can bring new customers and partners on board faster, cut development and deployment time in half, and reduce IT maintenance costs by up to 70 percent.

### Maximize Technology Investments

Informatica B2B Data Exchange readily manages multi-enterprise data, ensures interoperability, and monitors all transactions from a single, unified data integration infrastructure that easily scales to meet growing demand. Proven and secure, it fits into your existing IT infrastructure to leverage your current technology as well as future investments.

### Ensure Compliance

With a complete and regularly updated library of industry-specific data format standards for banking, insurance, healthcare, and manufacturing, Informatica B2B Data Exchange helps you ensure compliance with the most current industry and regulatory standards. Frequent updates allow you to adapt to new requirements as soon as they emerge, avoiding regulatory penalties and loss of data.

## LEARN MORE

Learn more about Informatica B2B Data Exchange and the entire Informatica Platform. Visit us at [www.informatica.com](http://www.informatica.com) or call (800) 653-3871.

## ABOUT INFORMATICA

Informatica Corporation (NASDAQ: INFA) is the world's number one independent leader in data integration software. The Informatica Platform provides corporations with a comprehensive, unified, open, and economical approach to lower IT costs and gain competitive advantage from their information assets. More than 3,600 companies worldwide rely on Informatica to access, integrate, and trust their information assets held in the traditional enterprise and in the Internet cloud.

**INFORMATICA**<sup>®</sup>  
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7026 (08/19/2009)