

BizTalk Expert Series: EDI

Duration	3 days	Remote Enabled	Yes
Skill level	Intermediate	Guaranteed to Run	Yes
Audience	Developer and Administrator		
Products and technologies	The following products and technologies will be utilized in this course: <ul style="list-style-type: none">• BizTalk Server• X12• EDIFACT• AS2		

Course Description

Electronic Data Interchange (EDI) is an electronic communication method that provides standards for exchanging data via electronic means. These standards enable two different companies or organizations, even in two different countries, to electronically exchange documents such as purchase orders, invoices, shipping notices, and many others. Organizations all over the world use EDI as the foundation for intra-business communication.

This three-day course is designed for experienced BizTalk Developers and Administrators who are responsible for planning, creating, and deploying EDI-based integration solutions using BizTalk Server. Attendees of this course will learn how to implement sophisticated business-to-business integration solutions using EDIFACT, X12 (including HIPAA), and AS2.

In this course, attendees will receive live instruction from one of our expert trainers, in-classroom demonstrations, challenging hands-on labs, and an electronic copy of the presentation materials and lab guide with hands-on activities.

Course Objectives

At the completion of this course, attendees will be able to:

- Create parties
- Configure profiles, including protocol and encoding settings
- Create EDI and AS2 agreements
- Create batches of EDI messages
- Split batched messages
- Configure the creation and processing of acknowledgement messages
- Customize EDIFACT and X12 schemas
- Build maps for transforming EDI messages
- Configure tracking and reporting for EDI message processing
- Route messages using EDI-specific properties

Audience

- [Experienced BizTalk Server Developers](#) who have hands-on experience developing BizTalk Server applications.
- [Experienced BizTalk Server Administrators](#) who have hands-on experience supporting BizTalk Server applications.

Prerequisites

Students should have experience with core BizTalk Server development concepts and skills. The course assumes that attendees already understand the key concepts of the core BizTalk Server runtime and want to explore fully the EDI/AS2 features and capabilities of the BizTalk Server platform.

Student Testimonials

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Outstanding presenter/instructor. I got a lot out of this course and [would definitely recommend it](#) to anyone planning to implement a BizTalk solution for their organization.

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Julie P. BizTalk Expert Series: EDI

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Loved the class, it was [very informative](#) and am looking forward to other classes.

Desiree B. BizTalk Expert Series: EDI

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Module Listing

1	Review of BizTalk Server Fundamentals <ul style="list-style-type: none">• BizTalk Server Architecture	6	Enabling EDI Message Batching <ul style="list-style-type: none">• Understanding the Provided EDI Batching Mechanism• Enabling Batching of EDI Messages
2	Integration with Trading Partners <ul style="list-style-type: none">• A Brief History of EDI• VAN Architecture• Creating a Trading Partner Integration Solution	7	Enabling AS2-Based Integration <ul style="list-style-type: none">• AS2 Architecture• Configuring AS2 Settings
3	EDI Agreement Deep Dive <ul style="list-style-type: none">• The Role of Agreements• Creating Agreements for X12 Processing• Creating Agreements for EDIFACT Processing	8	Tracking Events and Data from EDI Messages <ul style="list-style-type: none">• Tracking EDI and AS2 Messages
4	Creating Messaging-Based EDI Solutions <ul style="list-style-type: none">• Routing Messages Using Promoted Properties• Working with Acknowledgements	9	Working with EDI Schemas <ul style="list-style-type: none">• Review of BizTalk Schemas• Working with EDI Schemas• Understanding Implementation Guides• Enabling HIPAA Sub-Document Splitting
5	Splitting EDI Interchanges <ul style="list-style-type: none">• Debatching EDI Messages• Performance Considerations for Large Messages	10	Transforming EDI Messaging <ul style="list-style-type: none">• Review of Mapping• Advanced Mapping Patterns• Typical EDI Mapping Patterns