EDI ACADEMY

EDI Fundamentals and Best Practices Training 2019 Dates

January 29-30, 2019
May 14-15, 2019
September 17-18, 2019
December 3-4, 2019

Classes typically run from 9:30 AM to 4:00 PM
Registration Fee: Early – Bird $1,500. Late Registration $1,800

Advanced EDI Training

Available Online
Registration Fee: $250 Per Session

Training Location In San Diego California
4445 Eastgate Mall, Suite 200, San Diego, CA, 92121

EDI training classes are taught by highly-qualified EDI professionals. All of them have at least 10 years of industry experience.

The topics covered include:

EDI Fundamentals Training
* History and Origin of EDI
* Major EDI Advances
* How EDI is applied in different industries
* The Business Need for EDI
* Introduction to EDI standards
* EDI Components Overview (Translator, Mapper,Integration)
* EDI Communications – VAN, Internet EDI, AS2, FTP
* Document Tracking and Monitoring Concepts
* EDI Software and Hardware Technology Environment

EDI Translation and Business Application Training
* EDI Mapping and Translation Scenarios - EDI to Flat File, CSV, XML
* Common Mapping Barriers
* Business Application Integration
* Strategies for Successful EDI Implementation
* Deciphering Popular EDI Transactions element-by-element:
  997, 850, 855, 860, 870 810, 856, 820 (attendees may request more transaction samples during registration e.g. 210,214,940,944)
* Chargeback Management

Get Certified! By completing these classes, you get an EDI Academy certification.

Read Our Testimonials We have hundreds of previous attendees praising our classes.

Learn how to read raw data and map from scratch!
Mapping Best Practices….
In this training session you will also learn a lot of mapping best practices, for example, connecting elements/segments at the same hierarchal level is very important. For example, you will learn to connect header level segments on the input side to the header level segments on the output side of a map, you will also learn how to map detail-to-detail, and summary-to summary sections.
In this section we will also cover the best practices of connecting elements/segments with the same data type. For example, you will learn how to map from numeric fields to numeric fields, date-to-date, string-to \-string. The instructor will illustrate the importance of using the same data type in both the input and output section the same map when possible.
In the process of mapping the instructor will explain that all segments/elements on the input side of the map will be in the file.

Sample Snippet From EDI Fundamentals & Best Practices Class

Example UCC-128 Label — Refer to page 44 in Manual
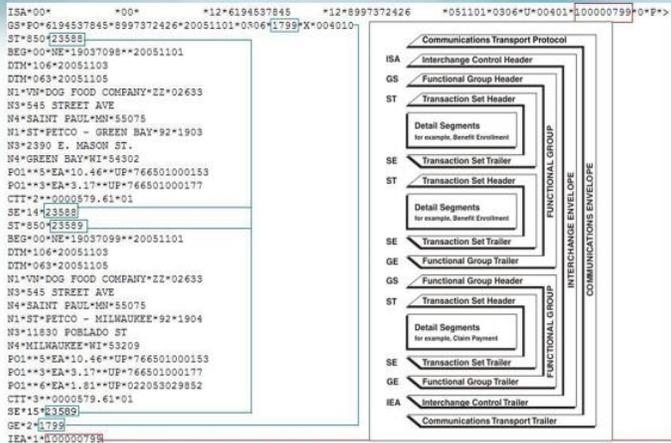
Target 856 SOIP

```
ST*856*0002
BSN*00*DR1130050996*20051121*1755*0002
HL*1**S                                    Shipment Level
TD5*B*2*FXFW*M*FEDEX FREIGHT WEST
REF*BM*1130050996
REF*CN*81383430-8
N1*ST**92*0996                             Order Level
HL*2*1*O
PRF*0916-9852299-0996
PID*S**VI*FL
TD1*CTN25*5
N1*BY**92*0996                             Item Level
HL*3*2*I
LIN**CB*916960790*UP*845088002863
SN1**24*EA
PO4*12*************1                        Packaging Level
HL*4*3*P
MAN*GM*00171541820000156236                Packaging Level
HL*5*3*P
MAN*GM*00171541820000156243                Item Level
HL*6*2*I
LIN**CB*916960791*UP*845088002870
SN1**36*EA
PO4*12*************1                        Packaging Level
HL*7*6*P
MAN*GM*00171541820000156250                Packaging Level
HL*8*6*P
MAN*GM*00171541820000156267                Packaging Level
HL*9*6*P
MAN*GM*00171541820000156274
CTT*2
SE*32*0002
```
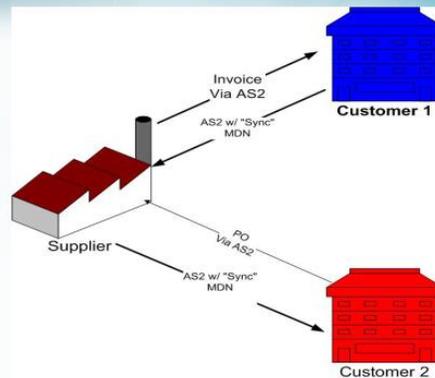
BizApp_ERP_Column #	BizApp_ERP_Column (DESTINATION)	Possible values AND Formatting Rules	856_EDI_Data_Element (SOURCE)	Comments/Description	Raw Data Output
	Header - Shipment Level (tmp_asn_ship.unl)				
1	tag	The relationship between these tables is unified through a special key that we have elected to name a "tag". Tag must be a number or code that uniquely identifies each EDI document, from an EDI trading partner. The tag can contain a date/time or alternatively could be mapped from the EDI segment/elements to ensure uniqueness for each ASN.	Combination of the following data elements: GS03 - RECEIVER ID, GS02 - SENDOR ID, ISA09 - Group Control Number, GS06 - GROUP Control Number, ST02 = Transaction Set Control Number	This will be a dynamic value created while processing the 856 and for each output file will be the unique key to tie the files together.	
2	asn_vendor_num	Any	GS02 segment		
3	interchange_id1	Any	GS02 segment		
4	interchange_id2	HUMANARS	GS02 segment	DO NOT MAP	
5	asn_num	Any	BSN02	A unique shipment identifier created by the submitter of the ASN - has no logical value.	
6	asn_date	YYYY-MM-DD HH:MM:SS	BSN03	Convert EDI CCYYMMDD to Oracle format YYYY-MM-DD HH:MM:SS	
7	asn_time	HHMM	BSN04	First 4 bytes of BSN04	

EDI X12 Envelope Structures

```
ISA*00*      *00*      *12*6194537845   *12*8997372426   *051101*0306*U*00401*100000799*0*P*>
GS*PO*6194537845*8997372426*20051101*0306*1799*X*004010
ST*850*23588
BEG*00*NE*19037098**20051101
DTM*106*20051103
DTM*063*20051105
N1*VN*DOG FOOD COMPANY*ZZ*02633
N3*545 STREET AVE
N4*SAINT PAUL*MN*55075
N1*ST*PETCO - GREEN BAY*92*1903
N3*2390 E. MASON ST.
N4*GREEN BAY*WI*54302
PO1**5*EA*10.46**UP*766501000153
PO1**3*EA*3.17**UP*766501000177
CTT*2**0000579.61*01
SE*14*23588
ST*850*23589
BEG*00*NE*19037099**20051101
DTM*106*20051103
DTM*063*20051105
N1*VN*DOG FOOD COMPANY*ZZ*02633
N3*545 STREET AVE
N4*SAINT PAUL*MN*55075
N1*ST*PETCO - MILWAUKEE*92*1904
N3*11830 POBLADO ST
N4*MILWAUKEE*WI*53209
PO1**5*EA*10.46**UP*766501000153
PO1**3*EA*3.17**UP*766501000177
PO1**6*EA*1.81**UP*022053029852
CTT*3**0000579.61*01
SE*15*23589
GE*2*1799
IEA*1*100000799
```

Communications Transport Protocol
ISA — Interchange Control Header
GS — Functional Group Header
ST — Transaction Set Header
Detail Segments for example, Benefit Enrollment
SE — Transaction Set Trailer
ST — Transaction Set Header
Detail Segments for example, Benefit Enrollment
SE — Transaction Set Trailer
GE — Functional Group Trailer
GS — Functional Group Header
ST — Transaction Set Header
Detail Segments for example, Claim Payment
SE — Transaction Set Trailer
GE — Functional Group Trailer
IEA — Interchange Control Trailer
Communications Transport Trailer

FUNCTIONAL GROUP / INTERCHANGE ENVELOPE / COMMUNICATIONS ENVELOPE

Direct Connect Method AS2 – MDN

Invoice Via AS2 — Customer 1

AS2 w/ "Sync" MDN

Supplier

PO Via AS2 — Customer 2

AS2 w/ "Sync" MDN

Advanced EDI Training – Available Online All Year Long

The topics covered include:

Section One: Advanced EDI Business Concepts
EDI For E-Commerce:
E-commerce EDI usage is exploding. This workshop will show you how to avoid common pitfalls and master transactions such as the 855 PO Acknowledgement, 869 Order Status Inquiry, 870 Order Status Report, and 846 Inventory Inquiry/Advice. Successful e-commerce EDI will help you boost productivity, reduce errors and improve trading partner relationships.

EDI For Finance:
This workshop will show you how to implement EDI transactions such as the 820 RA/Payment and the 823 Lockbox. Finance EDI can help you improve productivity and reduce costs and errors in your treasury and accounts receivable departments.

EDI For Inventory:
An inventory management system is incomplete without EDI. Learn best practices for EDI transactions such as the 846 Inventory Inquiry/Advice, 947 Warehouse Inventory Adjustment Advice, and the 852 Product Activity Data. This will enable you to provide inventory visibility to your partners and optimize inventory to meet goals for product availability and ROI.

EDI For Sales:
Studies show that the data input for about one quarter of Business Intelligence and Decision Support comes from EDI transactions. Learn best practices for implementing the 852 and other EDI-related transactions and watch your sales department reap the rewards..

EDI For E-Commerce:
E-commerce EDI usage is exploding. This workshop will show you how to avoid common pitfalls and master transactions such as the 855 PO Acknowledgement, 869 Order Status Inquiry, 870 Order Status Report, and 846 Inventory Inquiry/Advice. Successful e-commerce EDI will help you boost productivity, reduce errors and improve trading partner relationships.

EDI For Transportation:
Transportation EDI is very powerful but underutilized. 3PL's, freight carriers, suppliers and retailers can benefit from learning how to manage transactions such as 110 Air Freight Details and Invoice, 204 Load Tender, 210 Invoice, 214 Transportation Carrier Ship. This workshop will show you how to use this information to track shipments and optimize your transportation management system.

Section Two: Advanced EDI Mapping
File Spec Creation:
A file spec is a critical success factor for any EDI project. In this example we will analyze an EDI mapping specs for three EDI transactions.

Loops and Nested Loops::
In this section we'll cover loops and nested loops. In addition we will discuss the HL segment (hierarchy level). We'll explain how to structure and set the same maximum usage (loops) on the input and output side of the map.

XML Mapping:
In this segment of the Advanced EDI mapping class we will conduct XML-EDI and EDI-XML mapping..