



E-Invoicing Specifications for Suppliers

EDI 810 FILE FORMAT

Overview

Direct Commerce, Inc. (DCI) supports the EDI 810 format for uploaded invoice transactions. This document describes our implementation of the EDI 810 format for invoicing ServiceMaster.

All other issues such as business validation rules and transmission methods are outside the scope of this document. We **strongly** encourage you to read and understand the data validation rules for ServiceMaster. The file format described in this document is a general-purpose format that is in common industry use, and ServiceMaster has additional validation rules, requirements, and restrictions you should be aware of when building these files.

EDI File Layout

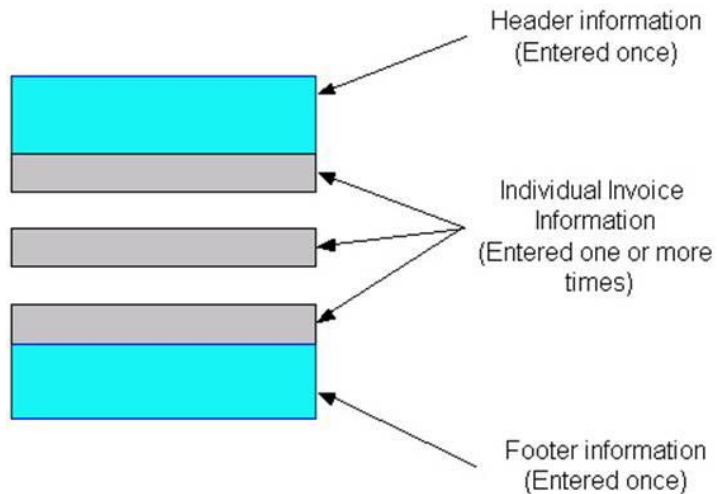
The EDI 810 specification is separated into logically distinct groups, which are composed of particular segment types.

There are a few assumptions made on the file layout. The carriage return character <CR> (ASCII character #13) is determined to be the end of each segment, which means there can be no <CR> characters in the data. Each field is separated by any character you choose. Blank spaces are interpreted as zero when supplied for numeric values and are trimmed when supplied for text values.

Minimum and maximum lengths given here are generally only relevant for fixed-width EDI formats. The data validation rules for ServiceMaster should be reviewed for constraints imposed regardless of the uploaded file format. We strongly encourage you to read and understand the data validation rules for ServiceMaster.

Please note: we only accept ONE ISA...IEA loop per input file. You may submit multiple invoices per file, each contained within the own ST... SE loops, but we cannot process more than one ISA...IEA loop per file.

File Structure



These sections of the file (with their associated segment types) will be described in the following sections.

ISA – Interchange Control Header

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
ISA01	Authorization Information Qualifier	M	ID	2/2	'00'
ISA02	Authorization Information	M	AN	10/10	
ISA03	Security Information Qualifier	M	ID	2/2	'00'
ISA04	Security Information	M	AN	10/10	
ISA05	Interchange ID Qualifier	M	ID	2/2	'ZZ'
ISA06	Interchange Sender ID	M	AN	15/15	Your vendor ID
ISA07	Interchange ID Qualifier	M	ID	2/2	ZZ
ISA08	Interchange Receiver ID	M	AN	15/15	DCISRV MSTRT
ISA09	Interchange Date	M	DT	6/6	YYMMDD



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ISA10	Interchange Time	M	TM	4/4	HHMM
ISA11	Interchange Control Standards ID	M	ID	1/1	'U'
ISA12	Interchange Control Version Nbr.	M	ID	5/5	'00401'
ISA13	Interchange Control Number	M	N0	9/9	
ISA14	Acknowledgment Request	M	ID	1/1	'0'
ISA15	Test Indicator	M	ID	1/1	'T' – Test 'P' – Production
ISA16	Sub element Separator	M	AN	1/1	

Example: **ISA*00* *00* *ZZ*OSPSERVICE *ZZ* DCISRV MSTRT *140722*1006*U*0
0401*000001156*0*P*:**

GS – Functional Group Header

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
GS01	Functional Identifier Code	M	ID	2/2	'IN'
GS02	Application Senders Code	M	AN	2/15	Your Supplier Number
GS03	Application Receivers Code	M	AN	2/15	DCISRV MSTRT
GS04	Date	M	DT	8/8	CCYYMMDD
GS05	Time	M	TM	4/8	HHMM
GS06	Group Control Number	M	N0	1/9	
GS07	Responsible Agency Code	M	ID	1/2	'X'
GS08	Version/Release/Industry ID	M	AN	1/12	'004010'

Example: **GS*IN*OSPSERVICE*DCISRV MSTRT*20140722*100606*1148*X*004010**

Q: What qualifiers and ID's should I use in the ISA and GS?

A: Receiver ID = 811600



ST – Transaction Set Header

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
ST01	Transaction Set Identifier Code	M	ID	3/3	'810'
ST02	Transaction Set Control Number	M	AN	4/9	

Example: **ST*810*1116**

BIG – Beginning Segment for Invoice

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
BIG01	Invoice Date	M	DT	8/8	YYMMDD (note that this date is overwritten with the Invoice Submission date if different)
BIG02	Invoice Number	M	AN	1/25	String
BIG03	PO Date	O	DT	8/8	YYMMDD (optional)
BIG04	PO Number	M	AN	1/8	Required
BIG05	Release Number	O	AN	1/3	Optional
BIG06	Changed Order Sequence	O	AN	1/15	Optional
BIG07	Transaction Type Code	O	AN	2/2	'DI' - Debit Invoice 'CR' - Credit Memo - not currently supported for ServiceMaster Please note: when the BIG07 field is left blank a value of 'DI' (Debit Invoice) is used by default



Example: **BIG*20140806*242123**60179923***DI**

NTE – Invoice Comments for Invoice. Comments can be included, either in NTE Segment, or N9 segment, or SAC segment.

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
NTE01	Note Reference Code	O	AN	2/3	
NTE02	Description	O	AN	1/250	

Example: **NTE*CM* This is an invoice header level comments**

N1 – Name

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
N101	Entity Identifier Code	M	ID	2/2	'ST' – Ship-To 'BT' – Bill-To
N102	Name	M	AN	1/35	Organization name.
N103	Indicator	M	ID	2/2	
N104	Business Unit	M	AN	12	

Example: **N1*BT*ServiceMaster*92*000000051406**

N3 – Address Information

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
N301	Address Information	M	AN	1/35	
N302	Address Information	O	AN	1/35	

Example: **N3*123 Main Street***



N4 – Geographic Location

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
N401	City Name	I	AN	2/30	
N402	State or Province Code	I	ID	2/2	
N403	Postal Code	I	ID	3/9	

Example: **N4*Fernstown*NY*11201**

N9 – Invoice Comments for Invoice. Comments can be included, either in NTE Segment, or N9 segment, or SAC segment.

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
N901	Note Reference Code	O	AN	2/3	L1
N902	Description	O	AN	1/250	Invoice Comments

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
MSG	Message Text	O	AN	1/250	

Example:

N9*L1*Invoice Comments

MSG*Freight and/or Miscellaneous Charges Apply to This Invoice

IT1 – Baseline Item Data

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
IT101	Assigned Identification	O	AN	1/6	Line Item Number



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IT102	Quantity Ordered	M	R	1/10	
IT103	UOM	M	ID	2/2	
IT104	Unit Price	M	R	1/14	
IT105	Unused	O	AN	2/30	
IT106	Product/Service ID Qualifier	O	ID	2/2	BP – Buyer's Part Number IN – Buyer's Item Number MT – Major Product/Material/Machine Type PO – Purchase Order Number RN – Release Number SN – Serial Number VP – Vendor's Part Number
IT107	Product/Service ID	O	AN	1/25	
IT108	Product/Service ID Qualifier	O	ID	2/2	BP – Buyer's Part Number IN – Buyer's Item Number MT – Major Product/Material/Machine Type PO – Purchase Order Number RN – Release Number SN – Serial Number VP – Vendor's Part Number
IT109	Product/Service ID	O	AN	1/25	

Example: **IT1*1*880*BG*6.63**BP*1233400*VP*2160004***

PID – Product/Item Description

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
PID01	Item Description Type	M	ID	1/1	'F' – Free-Form
PID02	Unused	O	R	1/10	



PID03	Unused	O	ID	2/2	
PID04	Line Item Note	O	AN	1/60	
PID05	Item Description	O	AN		
PID06	Item Comment	O	AN		

Note: only **one** PID segment is supported per each line item (IT1 segment)

Example: **PID*F*001***Sterile tubing***

TXI – Tax Information - To Specify Tax Information

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
TXI01	Tax Type Code	M	ID	2/2	'ZZ' – Mutually Defined
TXI02	Monetary Amount	M	ID	1/18	Monetary Amount

Example: **TXI*ZZ*00.00**

SAC – Service, Promotion, Allowance, or Charge Information

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
SAC01	Allowance or Charge Indicator	M	ID	1/1	'C' – Charge
SAC02	Service, Promotion, Allowance, or Charge Code	O	ID	4/4	D240 – Freight charges D270 - Misc
SAC05	Amount	O	N2	1/15	
SAC15	Misc Charge Description				



Example: **SAC*C*D270***10000*****Fuel Surcharge**

TDS – Total

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
TDS01	Total invoice amount	M	N2	1/15	Ensure that the total in the TDS01 equals the sum of the line item costs plus any misc. charges.

Example: **TDS*4072**

SE – Functional Group Trailer

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
GE01	Number of Transaction Sets Incl.	M	NO	1/6	
GE02	Group Control Number	M	NO	1/9	

Example: **GE*222*112**

IEA – Interchange Control Trailer

Reference:	Field Name:	Req:	Type:	Length:	Field Contents:
IEA01	Nbr Of Included Functional Groups	M	NO	1/5	
IEA02	Interchange Control Number	M	NO	9/9	

Example: **IEA*1*000132382**



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