

Meperia Strategic Sourcing

Requisition Inbound Interface Guide

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Requisition Inbound Interface Guide

Overview

Purpose

The Requisition Inbound Interface is used to import requisitions into Meperia Strategic Sourcing™ (Strategic Sourcing) using the ANSI X12 850 file format.

After the imported requisitions are verified and approved in Strategic Sourcing, they can be exported to a Materials Management Information System (MMIS) for processing and fulfillment.

The ANSI X12 850 output file consists of one File Header segment, one or many Header segment(s) and one or many Line Segments for each Header.

The X12850 file must be sent to Strategic Sourcing using HTTPS communications protocol.

Audience

The Requisition Inbound Interface Guide is intended for the healthcare organization's administration staff responsible for populating the Strategic Sourcing database with requisition data.

In this guide

The main topics of this guide are listed in the following table.

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Requisition Inbound Interface file format

Message Structure

The Requisition Inbound Interface Message Structure is listed below. Required segments are shown in **bold**.

ISA – Interchange Control Header GS – Sender and
Receiver Header ST – Transaction Set Header

Chapter 1 BEG – Beginning Requisition Order Transaction Segment

DTM – Date/Time Reference

Chapter 2 N1^BY – Requesting Department Segment

PER – Administrative Communications Contact Segment N1^SE – Vendor Segment

Chapter 3 N1^ST – Delivery Department Segment

PO1 – Order Item Data Segment

PID – Product/Item Description

CTT – Transaction Totals SE – Transaction Set

Trailer GE – Functional Group Trailer

IEA – Interchange Control Trailer

ISA – Interchange Control Segment

Segment Identifier is required.

Seq	Field Name	Length	Description
	Segment identifier	3	ISA
1	Authorization Information Qualifier	2	00
2		10	Blank
3		2	00
4		10	Blank
5		2	01
6	Sending System	15	System Short Name
7		2	01
8	Receiving System	15	Customer Short Name
9	Interchange Date	6	YYYYMMDD or YYMMDD
10	Interchange Time	4	Time
11	Interchange Control Standard	1	U
12	Interchange Version Number	5	00204
13	Interchange Control Number	9	User-defined sequential counter
14	Acknowledgment Requested	1	0
15	Test Indicator	1	P
16	Sub Element Separator	N/A	
17	^	N/A	

GS - Sender and Receiver Segment

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	2	GS
1	Functional ID Code	2	PO
2	Application Sender Code	12	Sending System Code

Seq	Field Name	Length	Description
3	Application Receiver Code	12	Receiving System Code
4	Date	6	YYYYMMDD or YYMMDD
5	Time	4	Time
6	Group Control Number	8	User-defined sequential counter
7	Responsible Agency Code	1	X
8	Version/ Release ID Code	6	002004

ST – Transaction Set Header

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	2	ST
1		3	850
2		9	User-defined sequential counter

BEG - Beginning Requisition Order Transaction Segment

Segment Identifier and sequence 3 are required.

Seq	Field Name	Length	Description
	Segment Identifier	3	BEG
1	Transaction Set Purpose Code	2	00 = New Order
2	Requisition Type Code	2	SA = Stand Alone Order
3	Requisition Number	SSS = 255 SCM = 22	Requires unique Requisition Number for each order sent to SCM Destination: REQ.REQ_NO SSS Max field length for requisition name = 255
4	Release Number	30	Blank
5	Requisition Date	8	YYYYMMDD or YYMMDD

DTM - Date/Time Reference

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	3	DTM
1	Date/Time Qualifier Code	3	097
2	Requisition Date	8	YYYYMMDD or YYMMDD
3	Requisition Time	4	

N1^BY - Requesting Department Segment

Segment Identifier and sequences 1, 4, and 5 are required.

Requesting Department Code must match the data in Allscripts Supply Chain Management™ Cost Center table.

Requesting Corporation ID (Database ID) is required when the MMIS processes multiple companies from the same supply location.

Seq	Field Name	Length	Description
	Segment Identifier	2	N1
1	Code Qualifier	2	BY
2	Requesting Department Name	35	Requesting Department Name
3	Code Qualifier	2	92
4	Requesting Department Code	SSS = 255 SCM = 40	Cost Center Destination table: REQ.CC_ID
5	Requesting Corporation ID*	SSS = 255 SCM = 40	Corporation ID Destination table: REQ.CC_ID
6	Requesting Corporation IDB	4	Corporation IDB Destination table: REQ.CC_ID

PER - Administrative Communications Contact Segment

Optional. If used, Segment Identifier and sequence 1 are required.

Seq	Field Name	Length	Description
	Segment Identifier	3	PER
1	Contact Function Code	3	RQ
2	Code Name	40	Requisitioner Name Destination table: REQ.MSSS_USER_NAME (MSSS requester name) and hard-codes 'strategic' in REQ.REC_CREATE_USR
3	Communication Number Qualifier	3	EM
4	Code Name	50	Requisitioner Email Address Destination table: REQ.MSSS_USER_EMAIL (MSSS requester email address)

N1^SE – Vendor Segment

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	2	N1
1	Code Qualifier	2	SE
2	Vendor Name	35	Vendor Name - for catalog item only
3	Code Qualifier	2	92
4	Vendor Code	20	Vendor Code - for catalog item only

N1^ST - Delivery Department Segment

Segment Identifier and sequences 1 and 2 are required.

Deliver to Location Name must match the Deliver to Location Name in the SCM Location table.

Seq	Field Name	Length	Description
	Segment Identifier	2	N1
1	Code Qualifier	2	ST
2	Deliver to Location Name	SSS = 255 SCM = 35	Deliver to Location Name and ID
3	Code Qualifier	2	92
4	Deliver to Location Code	40	Deliver Location

PO1 - Order Item Data Segment

Repeats. Segment Identifier and sequences 1 through 3 are required.

Seq	Field Name	Length	Description
	Segment Identifier	3	PO1
1	PO Line Number	4	Line Number
2	Quantity	4	Quantity – no length restriction, accepts decimals
3	Unit of Measure	SSS = 255 SCM = 2	Unit Of Measure
4	Item Unit Price	SSS = 7 SCM = 10	Unit Price
5	Blank	0	Blank
6	MF Qualifier	2	
7	Manufacturer Code	8	Manufacturer Code
8	MP Qualifier	2	
9	MFG Catalog Code	20	Manufacturer Catalog Number
10	VC Qualifier	2	

Seq	Field Name	Length	Description
11	Vendor Catalog Code	20	Vendor Catalog Number
12	IN Qualifier	2	IN (Item Number) or BP (Buyer Part)
13	Item Ref Number	15	Must exist in Item Master.
14	BP Qualifier	2	IN or BP
15	Item Number	SSS = 255 SCM = 15	Buyer Part Item Number must exist in Item Master.
16	CG Qualifier	2	
17	Expense Code/SubAccount	80	Expense Code-SubAccount
18	DV Qualifier	2	
19	Supply Location Name	40	
20	VS Qualifier	2	
21	Vendor Supplemental Item Number	20	
22	ST Qualifier	2	
23	Requisition Line Status	2	
24	UK Qualifier	2	
25	GTIN – Global Trade Item Number	14	
26	SC Qualifier	2	SC
27	Source	10	SF = storefront

PID - Product Identification Segment

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	3	PID
1	Code Qualifier	1	
2	Not Used	0	Blank
3	Not Used	0	Blank
4	Not Used	0	Blank
5	Item Description	255	Item Description

CTT - Transaction Totals

Segment identifier is required.

Seq	Field Name	Length	Description
	Segment Identifier	3	CTT
1	Total Number of Requisition Lines	6	Total Number of PO1 Lines
2	Total Number of Units	10	Hash Quantity from PO1 Lines (PO1:2=Qty)

SE - Transaction Set Trailer

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	2	SE
1	Total Number of Segments	6	Total Number of BEG Segments
2	Transaction Set Control Number	9	Control Number from ST

GE - Functional Group Trailer

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	2	GE
1	Total Number of Transaction Sets	6	Total Number of ST Segments
2	Group Control Number	8	Control Number from GS

IEA - Interchange Control Trailer

Optional.

Seq	Field Name	Length	Description
	Segment Identifier	3	IEA
1	Total Number of Functional Groups	5	Total Number of GS Segments
2	Interchange Control Number	9	Control Number from ISA

Sample X12 file

The requisition file is sent to SSS via an HTTPS service as an SSS Integration document (request type RQC)

ISA^00^ ^00^ ^ZZ^SPA ^ZZ^CGH ^160830^1247^U^00204^000000738^0^P^:
GS^PO^SPACETRAX^PMM^160830^124755^738^X^00204
ST^850^0738^1
BEG^00^SA^REQ-1608300232^^160830 DTM^097^160830
N1^BY^CGHLABS^92^12345^1001^2218 N1^SE
N1^ST^050-CATH LAB^^050-CATH LAB
PO1^1^1^EA^^1^BP^38312345
PID^F^^^STENT CORONARY DRUG-ELUTING XIENCE ALPINE RX
2.25mmX12mm PO1^2^1^EA^^1^BP^38312346
PID^F^^^BALLOON DILATATION EUPHORA RX OUS 3.00mmX12mm
PO1^3^1^EA^^1^BP^78123456
PID^F^^^STENT CORONARY MULTI-LINK VISION RX 3.5mmX18mm
PO1^4^1^EA^^1^BP^79123456
PID^F^^^STENT CORONARY DRUG-ELUTING RESOLUTE INTEGRITY RX
2.5mmX18mm PO1^5^1^EA^^1^BP^78582312
PID^F^^^STENT CORONARY MULTI-LINK VISION RX 3.5mmX15mm
PO1^6^1^EA^^1^BP^38355121
PID^F^^^BALLOON DILATATION NC EUPHORA 3.50mmX12mm
PO1^7^5^EA^^5^BP^78366451
PID^F^^^CABLE PACING TEMPORARY 6ft
PO1^8^1^EA^^1^BP^38399901
PID^F^^^STENT CORONARY DRUG-ELUTING XIENCE ALPINE RX
3.0mmX18mm CTT^8 SE^25^0738
GE^1^738 IEA^1^000000738

Execution notes

When loading an interfaced requisition into Strategic Sourcing:

- The system User ID that processes the Requisition Inbound Interface is saved as the user that created the requisition. This system User ID must be configured in My OS and must be added to every Requisition User Group that contains corporations and cost centers that import requisitions into Strategic Sourcing using this interface.
- Lines that pass validation are saved onto a Strategic Sourcing requisition in the order the lines were sent in the interface file. If an item is removed from the requisition in Strategic Sourcing (for example, if the item becomes inactive after the import and during the approval process), the removed line is not sent on to the MMIS.
- The system saves the requisition with a calculated approval path based on the Requisition User Group, the Requisition Approver Group, and current requisition save processes in Strategic Sourcing.
- The system disables the **Auto-Approved/Approved lines process immediately** option on the Requisition Header that splits the requisition when lines become approved and bypass the Purchasing Inbox. This option must be unchecked to prevent interfaced requisitions from being split.
- The system disables the ability to save a line as Pending Clarification during requisition verification and approval.

Error Handling

Introduction

Errors in Requisition Inbound Interface processing are handled as explained in this section.

Email notification of errors encountered are sent to an email address specified by the subscriber organization.

Interface File rejected

The interface file is rejected and its contents are not loaded into Strategic Sourcing when:

- Any required segment of the interface file is missing or is not formatted correctly.
- The requisition user has not been configured in My OS in Strategic Sourcing.

Requisition rejected

A requisition is rejected and not loaded into Strategic Sourcing when:

- A required header field is missing.
- A required header field exceeds maximum length.
- The requisition number contains special characters (other than _ and -).
- The requisition number is a duplicate of an existing Strategic Sourcing requisition number.
- The Cost Center ID is invalid.
- The Corporation is invalid.
- The Cost Center ID is invalid for the Corporation.
- The Delivery Location name is invalid.
- The default user is not configured in My OS in Strategic Sourcing.
- The default user is not part of a Requisition User Group for the Corporation and Cost Center in Strategic Sourcing.

Requisition line rejected

A requisition line is rejected and not loaded into Strategic Sourcing when:

- A required field is missing.
- A required field exceeds maximum length.
- The Cost Center ID is invalid for the Corporation.
- The Item Number is inactive or invalid.
- The Item QOE (Quantity of Each) is missing in the Virtual Item Master (VIM).
- The Item Price is missing in the VIM.
- The Item UOM is invalid.
- The Item Quantity is blank, negative, or greater than 9999.
- The Item Default Expense Code is missing in the VIM.
- The item is a Non-Catalog item.