



InBound MFN Interface Technical Specification

MOBILE ASPECTS 2017

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Interface Implementation HL7 Specification Document	
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Document Name	InBound MFN Interface Technical Specification

Project Information	
Description	This documents list the segments in the MFN-M16 message supported by Mobile Aspects
Author	Interface Team
Message Type	MFN
Connection Mode	Server
Port No	5224
Interface Contact	interface@mobileaspects.com

Sample Message	
MSH ^~\& MMS MatMgmt Epic MatMmt 200908100002 MFN^M16 200404151411000003 D 2.6 000003 MFI OR~CIS ITM 319001 GOWN Y SUPPLY GOWN 22 ACMEMEDICALSUPPLY 4510211 Y 1100990055 4.23 STOCK LATEX PKG 1 BOX 6 1.22 IVT 1 MAIN OR ACTIVE 4512 BOX EACH Y 875847 7.01 Y N Y 319004^CLOSED GOWN 319005^LATEX FREE GOWN VND 1 638 ACE WAREHOUSING 984375	

Note:
Required elements are marked as red/ R in OPT column.
Unused elements are shaded in grey/ U in OPT column.
Optional elements are marked as green/ O in OPT column.

Detailed Segment List

MSH- Message Header

Seq	Element Name	OPT	Type	Notes
1	Field Separator	R	ST	Value is typically:
2	Encoding Characters	R	ST	Value is typically: ^~\&
3	Sending Application	O	HD	Format: Free text, configurable
4	Sending Facility	O	HD	Format: Free text, configurable
5	Receiving Application	O	HD	Format: Free text, configurable
6	Receiving Facility	O	HD	Format: Free text, configurable
7	Date/Time of Message	R	DTM	
8	Security	U	ST	The user that triggered the interface message is sent in this field
9	Message Type	R	MSG	Format: <Message type> ^ <Trigger event> Format: DFT^P03
10	Message Control ID	R	ST	Value returned in Acknowledgment message (MSA)
11	Processing ID	R	PT	Values: D – Debugging P – Production T – Training
12	Version ID	R	VID	HL7 version number Example: 2.3
13	Sequence Number	U	NM	Optional field used in the sequence number protocol. By default, Epic does not use sequence number protocol. Format: Numeric
14	Continuation Pointer	U	ST	

MFI-Master File Identification

Seq	Element Name	OPT	Type	Notes
1	Master File Identifier	O	CWE	
2	Master File Application Identifier	O	HD	Application(s) allowed to use the supply or supplies in the message
3	File-level Event Code	O	ID	
4	Entered Date/Time	O	DTM	
5	Effective Date/Time	O	DTM	
6	Response Level Code	O	ID	

ITM – Material Item

seq	Element Name	OPT	Type	Notes
1	Item Identifier	R	EI	Format: <ID number> ^ <ID type> ~ <ID number> ^ <ID type> ~ ITM-1.1 is used to identify which record is to be updated; if the value in ITM1.1 is not present in the index for the record, a new record is created with that value.
2	Item Description	R	ST	Format: <Item name> ~ <Item alias>
3	Item Status	O	CWE	Is item active? Format: String
4	Item Type	R	CWE	Implant/Supply/Tissue
5	Item Category	O	CWE	Type of supply or type of implant Format: String
6	Subject To Expiration Indicator	O	CNE	
7	Manufacturer Identifier	O	EI	Format: <Manufacturer external ID> Mapped using translation table; values outside of table may be included as comments
8	Manufacturer Name	R	ST	Manufacturer Name
9	Manufacturer Catalog Number	R	ST	Manufacturer Catalog number
10	Manufacturer Labeler Identification Code	R	CWE	Global Trade Item Number (GTIN)
11	Patient Chargeable Indicator	O	CNE	Is the item chargeable? Format: String
12	Transaction Code	O	CWE	Free text or a mapped procedure code
13	Transaction Amount - Unit	R	CP	Unit Price
14	Stocked Item Indicator	O	CNE	Stocked/Non-stocked Format: String
15	Supply Risk Codes	O	CWE	
16	Approving Regulatory Agency	O	XON	
17	Latex Indicator	O	CNE	Does the item contain latex? Format: String
18	Ruling Act	O	CWE	
19	Item Natural Account Code	O	CWE	
20	Approved To Buy Quantity	O	NM	
21	Approved To Buy Price	O	MO	
22	Taxable Item Indicator	O	CNE	
23	Freight Charge Indicator	O	CNE	
24	Item Set Indicator	O	CNE	
25	Item Set Identifier	O	EI	
26	Track Department Usage Indicator	O	CNE	
27	Procedure Code	O	CNE	Format: String
28	Procedure Code Modifier	O	CNE	
29	Special Handling Code	O	CWE	

PKG-Packaging Segment

Seq	Element Name	OPT	Type	Notes
1	Set Id - Pkg	O	SI	
2	Packaging Units	R	CWE	CA, BX, EA
3	Default Order Unit Of Measure Indicator	O	CNE	
4	Package Quantity	R	NM	Ordering ratio Format: Numeric
5	Price	R	CP	Package Price
6	Future Item Price	O	CP	

IVT-Material Location

Seq	Element Name	OPT	Type	Notes
1	Set Id - Ivt	O	SI	
2	Inventory Location Identifier	R	EI	Networked to facility master file. By default, this field is mapped using a translation table.
3	Inventory Location Name	O	ST	
4	Source Location Identifier	O	EI	
5	Source Location Name	O	ST	
6	Item Status	R	CWE	Active / Not Active
7	Bin Location Identifier	O	EI	Format: Free text Only the first repetition is processed.
8	Order Packaging	O	CWE	This field is mapped using a translation table.
9	Issue Packaging	O	CWE	This field is mapped using a translation table.
10	Default Inventory Asset Account	O	EI	This field is mapped using a translation table.
11	Patient Chargeable Indicator	R	CNE	Y/N
12	Transaction Code	R	CWE	Charge Code
13	Transaction Amount - Unit	O	CP	Format: Numeric
14	Item Importance Code	O	CWE	
15	Stocked Item Indicator	O	CNE	Y/N
16	Consignment Item Indicator	R	CNE	Y/N This value can be stored at the item level rather than the balance level. If multiple IVT segments are received the value in the first IVT segment is used at the item level.
17	Reusable Item Indicator	O	CNE	Y/N This is stored at the item level rather than the balance level. If multiple IVT segments are received the value in the first IVT segment is used
18	Reusable Cost	O	CP	

Seq	Element Name	OPT	Type	Notes
19	Substitute Item Identifier	O	EI	This is stored at the item level rather than the balance level. If multiple IVT segments are received the value in the first IVT segment is used
20	Latex-free Substitute Item Identifier	O	EI	This is stored at the item level rather than the balance level. If multiple IVT segments are received the value in the first IVT segment is used
21	Recommended Reorder Theory	O	CWE	
22	Recommended Safety Stock Days	O	NM	
23	Recommended Maximum Days Inventory	O	NM	
24	Minimum par level	R	NM	Min Parlevel
25	Maximum par level	R	NM	Max Parlevel
26	Operating Room Par Level Indicator	O	CNE	

VND-Purchasing Vendor

Seq	Element Name	OPT	Type	Notes
1	Set Id - Vnd	O	SI	
2	Vendor Identifier	O	EI	Format: <Vendor external ID> Mapped using translation table; values outside of table may be included as comments
3	Vendor Name	O	ST	Format: <Vendor name>
4	Vendor Catalog Number	O	EI	Format: Numeri
5	Primary Vendor Indicator	O	CNE	