
HL7 Conformance Profile

Hospitals MFN M05

Copyright notice:

Copyright 2020 AGFA HealthCare
All rights reserved

Agfa, the Agfa rhombus, Point of Knowledge, and See More. Do More, ... (other trademarks) are trademarks of Agfa Gevaert N.V., Belgium or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement.

The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications which must be met by Agfa. All information contained herein is intended for guidance purposes only, and characteristics of the products described in this publication can be changed at any time without notice.

Products may not be available for your local area. Please contact your local sales representative for availability information.

Agfa diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

Publication date:

25 11 2020

Publication number:

Not yet assigned

Corporate address:

AGFA HealthCare
SEPTESTRAAT 27
B-2640 MORTSEL
BELGIUM
+32(3)4448400

Conformance parameters

Message Profile

- HL7 Version: 2.4
- Profile Type: HL7
- Topics: confsig-Agfa-2.4-profile-accNE_accAL-Deferred

Encoding Method

ER7

Interaction 1

Dynamic Definition

- Accept Acknowledgement: NE
- Application Acknowledgement: NE
- Acknowledgement Mode: Immediate

Static Definition

- Message Type: MFN
- Trigger Event: M05
- Message Structure: MFN_M05
- Topics: confsig-Agfa-2.4-static-MFN-M05-null-MFN_M05-2005.1.4--Sender

Message structure

MSH MFI { MFE LOC { LDP } }

MSH - Message Header

- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Field Separator	ST		1	R	1..1	e.g.
2	Encoding Characters	ST		4	R	1..1	e.g. ^~\&
3	Sending Application	HD	HL70361	227	O	0..1	
3.1	namespace ID	IS	HL70363	180	O	..	e.g. MFI_SOL
4	Sending Facility	HD	HL70362	227	O	0..1	
4.1	namespace ID	IS	HL70363	180	O	..	e.g. MFI_SOL
5	Receiving Application	HD	HL70361	227	O	0..1	
5.1	namespace ID	IS	HL70363	180	O	..	e.g. RIS_QUADRAT
6	Receiving Facility	HD	HL70362	227	O	0..1	
6.1	namespace ID	IS	HL70363	180	O	..	e.g. RIS_QUADRAT
7	Date/Time Of Message	TS		26	R	1..1	
7.1	Date/Time	NM		14	R	..	e.g. 20030128154111
8	Security	ST		40	O	0..1	
9	Message Type	CM_MSG	HL70076	15	R	1..1	
9.1	message type	ID	HL70076	3	O	..	e.g. MFN
9.2	trigger event	ID	HL70003	3	O	..	e.g. M02
9.3	message structure	ID	HL70354	6	O	..	
10	Message Control ID	ST		20	R	1..1	e.g. 2
11	Processing ID	PT		3	R	1..1	
11.1	processing ID	ID	HL70103	3	O	..	e.g. P
11.2	processing mode	ID	HL70207	3	O	..	
12	Version ID	VID	HL70104	973	R	1..1	
12.1	version ID	ID	HL70104	5	O	..	e.g. 2.3.1
12.2	internationalization code	CE	HL70399	20	O	..	
12.2.1	identifier	ST			O	..	
12.2.2	text	ST		3	O	..	
12.2.3	name of coding system	IS	HL70396	3	O	..	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
12.2.4	alternate identifier	ST		3	O	..	
12.2.5	alternate text	ST		3	O	..	
12.2.6	name of alternate coding system	IS	HL70396	3	O	..	
12.3	international version ID	CE		20	O	..	
12.3.1	identifier	ST			O	..	
12.3.2	text	ST		3	O	..	
12.3.3	name of coding system	IS	HL70396	3	O	..	
12.3.4	alternate identifier	ST		3	O	..	
12.3.5	alternate text	ST		3	O	..	
12.3.6	name of alternate coding system	IS	HL70396	3	O	..	

3.1. namespace ID

HL7_COMMUNICATION.HL7COM_APPLICATION

4.1. namespace ID

HL7_COMMUNICATION.HL7COM_FACILITY

7.1. Date/Time

YYYYMMDD[HHMM[SS]]

APPOINTMENTS.AP_DATEMADE

9.1. message type

fixed value: MFN

9.2. trigger event

fixed value: M05

9.3. message structure

fixed value: MFN_M05

MFI - Master File Identification

- Usage: Required

- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Master File Identifier	CE	HL70175	483	R	1..1	
1.1	identifier	ST		3	R	..	e.g. LOC
2	Master File Application Identifier	HD		227	O	0..1	
2.1	namespace ID	IS	HL70363	3	O	..	
3	File-Level Event Code	ID	HL70178	3	R	1..1	e.g. UPD
6	Response Level Code	ID	HL70179	3	R	1..1	e.g. NE

1.1. identifier

Should be LOC for a department or hospital masterfile 3. File-

3. File-Level Event Code

Only "UPD" supported for the moment!

UPD - Change file records as defined in the record-level event codes for each record that follows

Below File-Level Event codes are NOT supported (only for informational purposes).

REP - Replace current version of this master file with the version contained in this message

If the file-level event code is "REP" (replace file), then each MFE segment must have a record-level event code of "MAD" (add record to master file).

6. Response Level Code

Required for HL7, but not used by HL7Server5.

Segment group: MF LOCATION

- Usage: Required
- Cardinality:1..*

MFE - Master File Entry

- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Record-Level Event Code	ID	HL70180	3	R	1..1	
3	Effective Date/Time	TS		26	O	0..1	
3.1	Date/Time	NM		14	O	..	e.g. 20040328134602
4	Primary Key Value - MFE	*		15	R	1..1	
5	Primary Key Value Type	ID	HL70355	3	R	1..1	

1. Record-Level Event Code

Determines processing for the record:
insert, update, delete or deactivate

Supported codes:

MAC: reactivate

MAD: add

MDC: deactivate

MDL: delete

MUP: update

3.1. Date/Time

Used for deactivate, delete, reactivate events.

4. Primary Key Value - MFE

Should match LOC-1

5. Primary Key Value Type

Required for HL7, but not used by HL7Server5.

LOC - Location Identification

- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Primary Key Value - LOC	PL		1230	R	1..1	
1.1	point of care	IS	HL70302	15	R	..	
2	Location Description	ST		100	O	0..1	
3	Location Type - LOC	IS	HL70260	3	R	1..1	e.g. C
5	Location Address	XAD		631	O	0..*	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
5.1	street address (SAD)	SAD		104	O	..	
5.1.1	street or mailing address	ST		40	O	..	
5.3	city	ST		30	O	..	
5.5	zip or postal code	ST		70	O	..	
6	Location Phone	XTN		850	O	0..*	
6.4	Email address	ST		254	O	..	
6.7	Phone number	NM		15	O	..	
7	License Number	CE	HL70461	483	O	0..2	
7.1	identifier	ST		3	O	..	
7.2	text	ST		50	O	..	
7.3	name of coding system	IS	HL70396	3	O	..	

1.1. point of care

hospitals.h_code

2. Location Description

hospitals.h_name

3. Location Type - LOC

Location type should be C or L for a hospital.

5.1.1. street or mailing address

hospitals.h_street & hospitals.h_streetnr

5.3. city

hospitals.h_town

5.5. zip or postal code

hospitals.h_zip

6.4. Email address

hospitals.h_email

6.7. Phone number

hospitals.h_phone

7.1. identifier

hospitals.h_erkenning,
hospitals.h_freefield1,
hospitals.h_freefield2,
hospitals.h_freefield3

7.2. text

hospitals.h_erkenning,
hospitals.h_freefield1,
hospitals.h_freefield2,
hospitals.h_freefield3

Segment group: MF LOC DEPT

- Usage: Required
- Cardinality:1..*

LDP - Location Department

- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Primary Key Value - LDP	PL		1230	R	1..1	
1.1	point of care	IS	HL70302	1	R	..	
2	Location Department	CE	HL70264	483	R	1..1	
2.1	identifier	ST		1	R	..	
7	Activation Date LDP	TS		26	O	0..1	
7.1	Date/Time	NM		14	O	..	e.g. 20040328134602
8	Inactivation Date - LDP	TS		26	O	0..1	
8.1	Date/Time	NM		14	O	..	e.g. 20040328134602

1.1. point of care

Required for HL7, but not used by HL7Server5.

2.1. identifier

Required for HL7, but not used by HL7Server5.

7.1. Date/Time

YYYYMMDDHHMMSS

hospitals.h_datevalid

8.1. Date/Time

YYYYMMDDHHMMSS

hospitals.h_dateinvalid

End of segment group MF_LOC_DEPT

End of segment group MF_LOCATION