
HL7 Conformance Profile

Hospitals MFN M05

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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