



Technical HL7 Conformance Profile

ENTERPRISE IMAGING

INBOUND ACK

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Message Profile

Conformance parameters

Message Profile

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

Encoding Method

ER7



Interaction 1

Dynamic Definition

- Accept Acknowledgement: NE
- Application Acknowledgement: AL
- Acknowledgement Mode: Deferred

Static Definition

- Event Description: ACK/ALL - General ACK Message
- Message Type: ACK
- Trigger Event: ALL
- Topics: confsig-Agfa Healthcare-2.4-static-ACK-ALL-null--V1.0-DRAFT-Sender

Message structure

MSH {[SFT]} MSA [ERR]

MSH - Message Header

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Field Separator	R	1..1	ST		
2	Encoding Characters	R	1..1	ST		
3	Sending Application	O	0..1	HD	HL70361	
3.1	namespace ID	O	0..	IS	HL70300	
4	Sending Facility	O	0..1	HD	HL70362	
4.1	namespace ID	O	0..	IS	HL70300	
5	Receiving Application	O	0..1	HD	HL70361	
5.1	namespace ID	O	0..	IS	HL70300	
6	Receiving Facility	O	0..1	HD	HL70362	
6.1	namespace ID	O	0..	IS	HL70300	
7	Date/Time Of Message	R	1..1	TS		
7.1	time	R	1..1	DTM		e.g. 20040328134602+0600
9	Message Type	R	1..1	MSG		
9.1	message code	R	1..1	ID	HL70076	e.g. ACK
9.2	trigger event	R	1..1	ID	HL70003	
9.3	message structure	R	1..1	ID	HL70354	
10	Message Control ID	R	1..1	ST		
11	Processing ID	R	1..1	PT		
11.1	processing ID	R	1..1	ID	HL70103	
12	Version ID	R	1..1	VID		
12.1	version ID	R	1..1	ID	HL70104	

1. Field Separator

2. Encoding Characters

3. Sending Application

Receiving application for the original HL7 message

4. Sending Facility

Receiving facility for the original HL7 message

5. Receiving Application

Sending application for the original HL7 message

6. Receiving Facility

Sending facility for the original HL7 message

7. Date/Time Of Message

7.1. time

The date time on which the application message is sent out.

YYYYMMDD[HHMM[SS]][+/-ZZZZ]

9. Message Type

the acknowledgement type based on the original message type

9.1. message code

fixed value == ACK

9.2. trigger event

Depending on original message type

9.3. message structure

Depending on original message type

10. Message Control ID

11. Processing ID

11.1. processing ID

The processing id of the original message

12. Version ID

The version of the original message



MSA - Message Acknowledgment

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Acknowledgment Code	R	1..1	ID	HL70008	
2	Message Control ID	R	1..1	ST		

1. Acknowledgment Code

Supported values: AA, AR, AE

2. Message Control ID

The message control id of the original message

ERR - Error

- Usage: Optional
- Cardinality:0..1
- Implementation note: When we have a processing problem for the message in application acknowledgment mode, this segment will be added.

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Error Code and Location	O	0..1	ELD		
1.1	segment ID	O	0..	ST		
1.2	segment sequence	O	0..	NM		
1.3	field position	O	0..	NM		
2	Error Location	O	0..*	ERL		
2.1	segment ID	O	0..	ST		
2.2	segment sequence	O	0..	NM		
2.3	field position	O	0..	NM		
2.4	field repetition	O	0..	NM		
2.5	component number	O	0..	NM		
2.6	sub-component number	O	0..	NM		
3	HL7 Error Code	O	0..*	CWE	HL70357	
3.1	identifier	O	0..	ST		
3.2	text	O	0..	ST		
4	Severity	R	1..1	ID	HL70516	
5	Application Error Code	R	1..1	CWE	HL70533	
5.1	identifier	R	1..1	ST		
5.2	text	R	1..1	ST		

1. Error Code and Location

Indicates the position in the message which caused the processing problem.



2. Error Location

Indicates the position in the message which caused the processing problem.

3. HL7 Error Code

4. Severity

5. Application Error Code

The code and description of the error in the processing application.