

# Technical HL7 Conformance Profile **ENTERPRISE IMAGING INBOUND ACK**

---

Copyright notice:

Copyright 2012 Agfa HealthCare

All rights reserved.

Agfa shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this publication.

Agfa reserves the right to revise this publication and to make changes to its content at any time, without obligation to notify any person or entity of such revisions and changes.

This publication may only be used in connection with the promotion, sales, installation and use of Agfa equipment by Agfa personnel.

Publication date:

7-2020

Publication number:

V1.0 (technical)

Corporate address:

Agfa HealthCare  
SIV Connectivity

Septestraat 27

B-2640 Mortsel

Belgium

+32 3 444 7588

<http://www.agfahealthcare.com/>

email : [connectivity@agfa.com](mailto:connectivity@agfa.com)

Message Profile

## Conformance parameters

### Message Profile

- HL7 Version: 2.3,2.3.1,2.4,2.5
- Profile Type: HL7
- Topics: confsig-Agfa Healthcare-2.3,2.3.1,2.4,2.5-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-2.3,2.3.1,2.4,2.5-static-ACK-ALL-null--V1.0-DRAFT-Sender

### Message structure

[MSH MSA \[ERR\]](#)

### MSH - Message Header

- Usage: Required
- Cardinality:1..1

| Seq.                 | Name                  | Opt. | Card. | Type | Table   | Contents                 |
|----------------------|-----------------------|------|-------|------|---------|--------------------------|
| <a href="#">1</a>    | Field Separator       | R    | 1..1  | ST   |         |                          |
| <a href="#">2</a>    | Encoding Characters   | R    | 1..1  | ST   |         |                          |
| <a href="#">3</a>    | Sending Application   | O    | 0..1  | HD   | HL70361 |                          |
| 3.1                  | namespace ID          | O    | 0..   | IS   | HL70300 |                          |
| <a href="#">4</a>    | Sending Facility      | O    | 0..1  | HD   | HL70362 |                          |
| 4.1                  | namespace ID          | O    | 0..   | IS   | HL70300 |                          |
| <a href="#">5</a>    | Receiving Application | O    | 0..1  | HD   | HL70361 |                          |
| 5.1                  | namespace ID          | O    | 0..   | IS   | HL70300 |                          |
| <a href="#">6</a>    | Receiving Facility    | O    | 0..1  | HD   | HL70362 |                          |
| 6.1                  | namespace ID          | O    | 0..   | IS   | HL70300 |                          |
| <a href="#">7</a>    | Date/Time Of Message  | R    | 1..1  | TS   |         |                          |
| <a href="#">7.1</a>  | time                  | R    | 1..1  | DTM  |         | e.g. 20040328134602+0600 |
| <a href="#">9</a>    | Message Type          | R    | 1..1  | MSG  |         |                          |
| <a href="#">9.1</a>  | message code          | R    | 1..1  | ID   | HL70076 | e.g. ACK                 |
| <a href="#">9.2</a>  | trigger event         | R    | 1..1  | ID   | HL70003 |                          |
| <a href="#">9.3</a>  | message structure     | R    | 1..1  | ID   | HL70354 |                          |
| <a href="#">10</a>   | Message Control ID    | R    | 1..1  | ST   |         |                          |
| <a href="#">11</a>   | Processing ID         | R    | 1..1  | PT   |         |                          |
| <a href="#">11.1</a> | processing ID         | R    | 1..1  | ID   | HL70103 |                          |
| <a href="#">12</a>   | 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 acknowledgement 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   |         |          |
| 1.4   | code identifying error  | O    | 0..   | CE   |         |          |
| 1.4.1 | identifier              | O    | 0..   | ST   |         |          |
| 1.4.5 | alternate text          | O    | 0..   | ST   |         |          |
| 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.

#### **1.4.5. alternate text**

Description of the error in the processing application.

### **2. Error Location**

Indicates the position in the message which caused the processing problem. Applicable for HL7 version 2.5.

### **3. HL7 Error Code**

Applicable for HL7 version 2.5.

### **4. Severity**

Applicable for HL7 version 2.5.

### **5. Application Error Code**

The code and description of the error in the processing application. Applicable for HL7 version 2.5.