

# AGFA HEALTHCARE HL7 Conformance Statement



## **IMPAX RIS interface version 2005.2.0**

Document number 001088 Revision 1.0

NotelD Livelink : 11057498

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## Document Information

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Issued by:  
Agfa HealthCare  
SIV Connectivity  
Septestraat 27  
B-2640 Mortsel  
Belgium

tel: +32.3.444.7338

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

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# 1 INTRODUCTION

## 1.1 Revision Record

Revision Number	Date	Reason for Change
1.0	February 16, 2006	Initial version

## 1.2 Purpose and Intended Audience of this Document

This document is a HL7 Conformance Statement for the HL7 Services of Impax RIS interface version 2005.2.0.

The user of this document is involved with system integration and/or software design. We assume that the reader is familiar with the terminology and concepts that are used in HL7 standard and the IHE Technical Framework.

Readers not familiar with HL7 terminology should first read the appropriate parts of the HL7 standard itself, prior to reading this conformance statement.

Although the use of this conformance statement in conjunction with the HL7 standard is intended to facilitate communication with Impax RIS, it is not sufficient to guarantee, by itself, the inter-operation of the connection between Impax RIS and the 3<sup>rd</sup> party HL7-based system.

The integration of any device into a system of interconnected devices goes beyond the scope of the HL7 standard and this conformance statement when *interoperability* is desired. The responsibility for analyzing the applications requirements and developing a solution that integrates the Agfa equipment with other vendors' systems is the user's responsibility and should not be underestimated.

## 1.3 Version overview

This table provides an overview of the compatibility of RIS versions with Interface versions.

This Conformance statement applies only for the interface version 2005.2.0

		Connectivity Version			
		5.4.0 SP3	2005.1.1	2005.1.3	2005.2.0
RIS Version	5.3.1 (with versioning)	X	X	X	X
	5.3.3	X	X	X	X
	5.3.4 (Incl. I-Plan 6.0)	X	X	X	X
	5.4.0	X	X	X	X
	5.4.1 (Incl. I-Plan 6.1)		X	X	X
	5.4.2 (Incl. I-Plan 6.1)		X (*)	X (*)	X
	Mediweb 6.1.1	X	X	X	X

(\*) When Order Priorities are used in Impax RIS 5.4.2, Connectivity version 2005.2.0 is mandatory

## 1.4 Acronyms and Abbreviations

Definitions, terms and abbreviations used in this document and in the conformance profile documents referenced to, many of which are defined within the HL7 standard. Abbreviations and terms are as follows:

ADT	Admission, Discharge, and Transfer message
AL1	Patient Allergy Information segment
DFT	Detail Financial Transactions
EVN	Event Type segment
HL7	Health Level 7
IHE	Integrating the Healthcare Enterprise
MRG	Merge Patient Information segment
MSH	Message Header segment
NTE	Notes and comments segment
OBR	Observation Request segment
OBX	Observation/Result segment
ORC	Common Order segment
ORM	Order Request message
ORU	Observation Results - Unsolicited message
PID	Patient identifier segment
PV1	Patient Visit segment
QRD	Query Definition segment
RIS	Radiology Information System

## 1.5 Related Documents

- HL7 Standard , see [www.hl7.org](http://www.hl7.org)
- IHE Radiology Technical Framework Revision 6.0 – Final Text, May 20, 2005 – see [www.ihe.net](http://www.ihe.net)

## 2 INBOUND MESSAGES

### 2.1 Supported Trigger Events

#### 2.1.1 Supported ADT Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 1 Supported ADT Events**

Func Area	Event Code	ADT Trigger Event	Conformance profile document
ADT	A01	Admit/Visit notification	(R)IS INBOUND ADT A01.pdf
ADT	A02	Transfer a patient	(R)IS INBOUND ADT A02.pdf
ADT	A03	Discharge/End visit	(R)IS INBOUND ADT A03.pdf
ADT	A04	Register a patient	(R)IS INBOUND ADT A04.pdf
ADT	A05	Pre-admit a patient	(R)IS INBOUND ADT A05.pdf
ADT	A06	Change an outpatient to an inpatient	(R)IS INBOUND ADT A06.pdf
ADT	A07	Change an inpatient to an outpatient	(R)IS INBOUND ADT A07.pdf
ADT	A08	Update patient information	(R)IS INBOUND ADT A08.pdf
ADT	A09	Patient Departing - Tracking	(R)IS INBOUND ADT A09.pdf
ADT	A11	Cancel admit/visit notification	(R)IS INBOUND ADT A11.pdf
ADT	A12	Cancel transfer	(R)IS INBOUND ADT A12.pdf
ADT	A13	Cancel discharge/end visit	(R)IS INBOUND ADT A13.pdf
ADT	A17	Swap patients	(R)IS INBOUND ADT A17.pdf
ADT	A23	Delete a patient record	(R)IS INBOUND ADT A23.pdf
ADT	A24	Link patient information	(R)IS INBOUND ADT A24.pdf
ADT	A28	Add person or patient information	(R)IS INBOUND ADT A28.pdf
ADT	A31	Update person information	(R)IS INBOUND ADT A31.pdf
ADT	A33	Cancel patient departing - tracking	(R)IS INBOUND ADT A33.pdf
ADT	A37	Unlink patient information	(R)IS INBOUND ADT A37.pdf
ADT	A38	Cancel pre-admit	(R)IS INBOUND ADT A38.pdf
ADT	A40	Merge patient - patient identifier list	(R)IS INBOUND ADT A40.pdf
ADT	A41	Merge account - patient account number	(R)IS INBOUND ADT A41.pdf
ADT	A42	Merge visit - visit number	(R)IS INBOUND ADT A42.pdf
ADT	A44	Move account information - patient account number	(R)IS INBOUND ADT A44.pdf
ADT	A45	Move visit information - visit number	(R)IS INBOUND ADT A45.pdf
ADT	A47	Change patient identifier list	(R)IS INBOUND ADT A47.pdf
ADT	A50	Change visit number	(R)IS INBOUND ADT A50.pdf

## 2.1.2 Supported ORM Events

For more information about the processed segments and other details, refer to the document specified in the Conformance profile document column.

**Table 2 Supported ORM Events**

Func Area	Event Code	ORM Trigger Event	Conformance profile document
ORM	O01	General order message - Order Placer	(R)IS INBOUND ORM O01 QPOrder.pdf
ORM	O01	General order message - Order Filler	(R)IS INBOUND ORM O01 Qdoc.pdf

## 2.1.3 Supported ORU Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 3 Supported ORU Events**

Func Area	Event Code	ORU Trigger Event	Conformance profile document
ORU	R01	Unsolicited Observation Message	(R)IS INBOUND ORU R01 Report Creator.pdf

## 2.1.4 Supported MFN Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 4 Supported MFN Events**

Func Area	Event Code	MFN Trigger Event	Conformance profile document
MFN	M02	Staff/Practitioner master file	(R)IS INBOUND MFN M02.pdf
MFN	M05	Location master file - Departments	(R)IS INBOUND MFN M05 Department.pdf
MFN	M05	Location master file - Facilities	(R)IS INBOUND MFN M05 Hospital.pdf

## 2.1.5 Supported SIU Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 9 Supported SIU Events**

Func Area	Event Code	SIU Trigger Event	Conformance profile document
SIU	S12	Notification of new appointment booking	(R)IS INBOUND SIU 12.pdf
SIU	S13	Notification of appointment rescheduling	(R)IS INBOUND SIU 13.pdf
SIU	S14	Notification of appointment modification	(R)IS INBOUND SIU 14.pdf
SIU	S15	Notification of appointment cancellation	(R)IS INBOUND SIU 15.pdf

## 3 OUTBOUND MESSAGES

### 3.1 Supported Trigger Events

#### 3.1.1 Supported ORM Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 7 Supported ORM Events**

Func Area	Event Code	ORM Trigger Event	Conformance profile document
ORM	O01	General order message - from QPOrder	(R)IS OUTBOUND ORM O01 Orders.pdf
ORM	O01	General order message - from Qplanner	(R)IS OUTBOUND ORM O01 Appointments.pdf
ORM	O01	General order message - from Qdoc	(R)IS OUTBOUND ORM O01 Requests.pdf

#### 3.1.2 Supported ORU Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 8 Supported ORU Events**

Func Area	Event Code	ORU Trigger Event	Conformance profile document
ORU	R01	Unsolicited Observation Message	(R)IS OUTBOUND ORU R01.pdf

#### 3.1.3 Supported SIU Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 5 Supported SIU Events**

Func Area	Event Code	SIU Trigger Event	Conformance profile document
SIU	S12	Notification of new appointment booking	(R)IS OUTBOUND SIU S12.pdf
SIU	S13	Notification of appointment rescheduling	(R)IS OUTBOUND SIU S13.pdf
SIU	S14	Notification of appointment modification	(R)IS OUTBOUND SIU S14.pdf
SIU	S15	Notification of appointment cancellation	(R)IS OUTBOUND SIU S15.pdf

### 3.1.4 Supported DFT Events

For more information about the processed segments and segment mappings, refer to the document specified in the Conformance profile document column.

**Table 6 Supported DFT Events**

Func Area	Event Code	DFT Trigger Event	Conformance profile document
DFT	P03	Post Detail Financial Transactions	(R)IS OUTBOUND DFT P03 Billing.pdf