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AGFA HEALTHCARE
HL7 Conformance Statement

IMPAX RIS 6.1.0

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Document Information

Service-related contact information worldwide	All service-related contact information is available on this URL→	http://www.agfahealthcare.com/global/en/main/contact/index.jsp

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1 INTRODUCTION

1.1 Revision Record

Revision Number	Date	Reason for Change
1.0	March, 2015	Initial version
1.1	March 18, 2015	Remove QBP Q22 (EOL)

1.2 Purpose and Intended Audience of this Document

This document is an HL7 Conformance Statement for the HL7 Services of IMPAX RIS 6.1.0.

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 the 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 6.1.0, it is not sufficient to guarantee, by itself, the inter-operation of the connection between IMPAX RIS 6.1.0 and the 3rd party HL7-based system.

To help this integration validation we provide HL7 xml and pdf Conformance Profiles bundled together in a zip file "001500_IMPAX RIS interface version 6.1.0 HL7 conformance profiles" on http://www.agfahealthcare.com/hl7 .

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

Table 1 provides an overview of the compatibility of RIS versions with Interface versions. This Conformance statement applies only for the interface version 6.1.0.

As of release 5.9 IMPAX RIS and Connectivity version have the same version number and are released together with a 1-on-1 compatibility constraint.

Table 1 RIS version overview

		Connectivity Version					
		2005.3.4	2005.3.5	2005.3.6	5.9	6.0.x	6.1.0
	Mediweb 6.1.3	X	X	X			
RIS version	**5.7 (incl. I-Plan 6.3-6.4)**	X	X				
	5.8 (incl. I-Plan 6.3-6.4)		X				
	5.8.1 (incl. I-Plan 6.3-6.4)			X			
	5.9 (incl. I-Plan 6.5)				X		
	6.0.x					X	
	6.1.0						X

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1.4 Acronyms and Abbreviations

Definitions, terms and abbreviations used in this document, 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
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 ID segment
PV1	Patient Visit segment
QRD	Query Definition segment
RIS	Radiology Information System

1.5 Related Documents

➢ HL7 Standard , see www.hl7.org

➢ IHE Radiology Technical Framework Revision 10.0 – Final Text, February, 2011 – see www.ihe.net

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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 2 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	A21	Leave of absence	(R)IS INBOUND ADT A21.pdf
ADT	A22	Patient returns from a leave of absence	(R)IS INBOUND ADT A22.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
ADT	A52	Cancel leave of absence for a patient	(R)IS INBOUND ADT A52.pdf
ADT	A53	Cancel patient returns from a leave of absence	(R)IS INBOUND ADT A53.pdf
ADT	A54	Change attending doctor	(R)IS INBOUND ADT A54.pdf
ADT	A55	Cancel change attending doctor	(R)IS INBOUND ADT A55.pdf

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2.1.2   Supported MDM 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 MDM Events

Func Area	Event Code	SIU Trigger Event	Conformance profile document
MDM	T01	Original Document Notification	(R)IS INBOUND MDM T01.pdf

2.1.3   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	Master file - Staff/Practitioner	(R)IS INBOUND MFN M02.pdf
MFN	M04	Item numbers live sync	(R)IS INBOUND MFN M04 ITEM NUMBERS LIVE SYNC.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
MFN	M08	Test / Observation (numeric) Master File	(R)IS INBOUND MFN M08 Omalab Mediweb.pdf
MFN	M09	Test / Observation (categorical) Master File	(R)IS INBOUND MFN M09 Exams QPlanner.pdf
MFN	M13	Master file notification - general	(R)IS INBOUND MFN M13 Exam groups QPlanner.pdf
MFN	M14	Master file Insurances	(R)IS INBOUND MFN M14 INSURANCES.pdf

2.1.4   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 5 Supported ORM Events

Func Area	Event Code	ORM Trigger Event	Conformance profile document
ORM	O01	General order message	(R)IS INBOUND ORM O01.pdf

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2.1.5 Supported ORR Events

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

Table 6 Supported ORR Events

Func Area	Event Code	ORR Trigger Event	Conformance profile document
ORR	O02	Order Response	(R)IS INBOUND ORR O02.pdf

2.1.6 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 7 Supported ORU Events

Func Area	Event Code	ORU Trigger Event	Conformance profile document
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU LAB R01 Medifile.pdf
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU LAB R01 Mediweb.pdf
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU REP R01 3rd PARTY REPORTING SYSTEMS.pdf

2.1.7 Supported OUL 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 OUL Events

Func Area	Event Code	OUL Trigger Event	Conformance profile document
OUL	R21	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R21 Mediweb.pdf
OUL	R22	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R22 Mediweb.pdf
OUL	R24	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R24 Mediweb.pdf

2.1.8 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 S12.pdf
SIU	S13	Notification of appointment rescheduling	(R)IS INBOUND SIU S13.pdf
SIU	S14	Notification of appointment modification	(R)IS INBOUND SIU S14.pdf
SIU	S15	Notification of appointment cancellation	(R)IS INBOUND SIU S15.pdf

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3 OUTBOUND MESSAGES

3.1 Supported Trigger Events

3.1.1 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 10 Supported ADT Events

Func Area	Event Code	ADT Trigger Event	Conformance profile document
ADT	A02 & A03	Transfer a patient	(R)IS OUTBOUND ADT A02 & A03 HL7PACS.pdf
ADT	A04 & A08	Register a patient / Update patient information	(R)IS OUTBOUND ADT A04 & A08 HL7PACS.pdf
ADT	A40	Merge patient - patient identifier list	(R)IS OUTBOUND ADT A40 HL7PACS.pdf

3.1.2 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 11 Supported ORM Events

Func Area	Event Code	ORM Trigger Event	Conformance profile document
ORM	O01	Order message – HL7PACS	(R)IS OUTBOUND ORM O01 HL7PACS.pdf
ORM	O01	General order message	(R)IS OUTBOUND ORM O01.pdf

3.1.3 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 12 Supported ORU Events

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

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3.1.4 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 13 Supported SIU Events

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

3.1.5 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 14 Supported DFT Events

Func Area	Event Code	DFT Trigger Event	Conformance profile document
DFT	P03	Post Detail Financial Transaction	(R)IS OUTBOUND DFT P03 Billing.pdf
DFT	P03	Post Detail Financial Transaction	(R)IS OUTBOUND US Billing-DFT_P03 .pdf

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