



# WEBX REPORT CONVERTER

CONSISTENT MEDICAL REPORTS IN ALL YOUR SYSTEMS

*TWO STANDARDS,  
ONE REPORT*



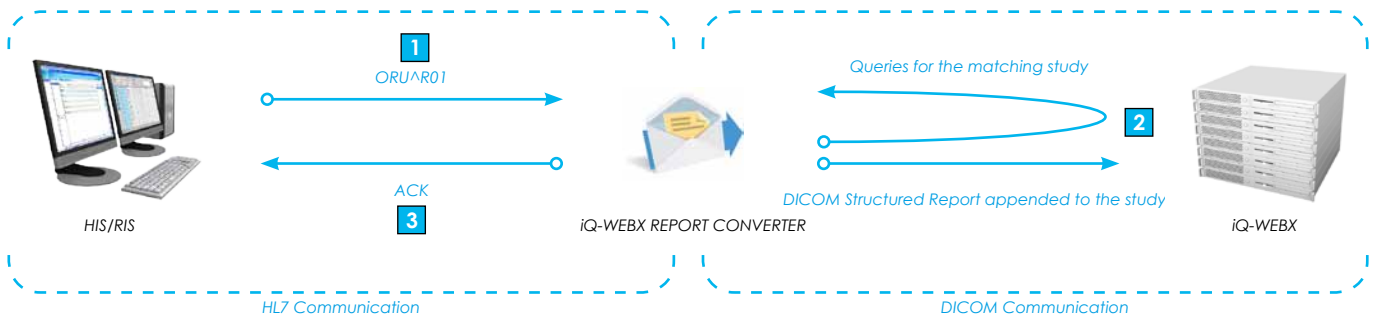
# iQ-WEBX REPORT CONVERTER WORKFLOW

Maintaining consistent and up-to-date reports between multiple information systems and PACS has always been a challenge. By converting reports to the appropriate format while also matching reports to the corresponding studies or cases in those systems, iQ-WEBX REPORT CONVERTER stands out as a leading solution to this dilemma.

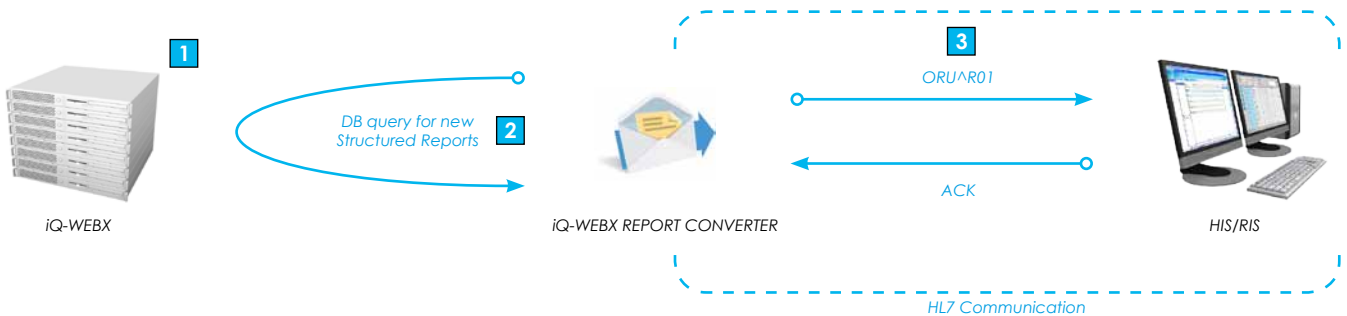
iQ-WEBX REPORT CONVERTER is a module for our iQ-WEBX PACS that uses a state-of-the-art algorithm to automatically convert and transmit DICOM Structured Reports and HL7 text reports between information systems and iQ-WEBX. This process applies to new reports as well as to corrections and additions to existing reports.

The most innovative feature of our application is its intelligent allocation function. iQ-WEBX REPORT CONVERTER first queries for the matching study or case and attaches the properly formatted report. In this way, all cases, studies and reports between information systems and PACS stay current.

iQ-WEBX REPORT CONVERTER is the complete solution for up-to-date, consistent reports in every system.



- Scenario A:
- 1 A medical report is created using an Information System (HIS / RIS / EMR). This report is sent to the iQ-WEBX REPORT CONVERTER.
  - 2 iQ-WEBX REPORT CONVERTER finds the corresponding study in the iQ-WEBX (PACS), converts the received report into a DICOM Structured Report, and attaches the report in the new format to the study.
  - 3 iQ-WEBX REPORT CONVERTER returns a confirmation message to acknowledge that the report was received.



- Scenario B:
- 1 A medical report has been stored in the iQ-WEBX (PACS).
  - 2 iQ-WEBX REPORT CONVERTER periodically queries the iQ-WEBX database for incoming reports.
  - 3 The incoming reports are converted into an HL7 format and attached to the appropriate case in the selected information system (HIS/RIS/EMR).

# iQ-WEBX REPORT CONVERTER FEATURES

## GENERAL

- Compatible with virtually any HL7 compliant EMR, HIS, RIS or practice management system
- Can process up to 1000 orders per hour
- Supports LATIN-1 ext. A character set

## INPUT

- Receives HL7 ORU^R01 messages (see HL7 conformance statement of iQ-WEBX REPORT CONVERTER)
- Queries for incoming DICOM Structured Report (see DICOM conformance statement)
- Supports one order per message

## OUTPUT

- Sends DICOM Structured Report to iQ-WEBX (PACS)
- Sends HL7 ORU^R01 to any HL7 compatible Information System (HIS / RIS / EMR)
- Sends HL7 ACK messages to acknowledge the report has been received



# SYSTEM REQUIREMENTS

## HARDWARE & SOFTWARE REQUIREMENTS

	SERVER MINIMUM	SERVER (RECOMMENDED)	CLIENT MINIMUM	CLIENT (RECOMMENDED)
<b>OS:</b>	Windows XP SP 2 Server 2003 SP1	Server 2003 SP1 Server 2008	Any OS with Internet Explorer 5	Windows 7 (32-bit) with Internet Explorer 7
<b>CPU:</b>	Pentium, 1 GHz	Pentium, 2 GHz	Pentium, 1 GHz	Pentium, 2 GHz
<b>RAM:</b>	512 MB	2-4 GB	64 MB	1 GB
<b>HDD:</b>	20 GB	RAID/NAS/SAN 120 GB ... 256 TB	5 GB	20 GB
<b>Network:</b>	10 Mbit/s	100 Mbit/s, 1 Gbit/s	128 kbit/s	100 Mbit/s
<b>Graphics:</b>			16-bit color, 8-bit gray	32-bit color, 8-bit gray
<b>Display:</b>			1024 x 768 pixel	1280 x 1024 pixel
<b>Database:</b>	MySQL 5.x	MySQL 5.1		
<b>Peripherals:</b>				Scroll mouse
<b>Hardware:</b>		Dell hardware		Dell hardware

## OUR PRODUCTS FOR YOUR IMAGING NEEDS

**iQ-SYSTEM PACS**  
**iQ-RIS**  
**MED-TAB™**

Full featured, reliable and affordable PACS  
Smooth radiology information system  
Superior portable image analysis

