

Reporting

FEATURE COMPARISON 2023

© 2023 IMAGE Information Systems Europe GmbH



1. INTRODUCTION

IMAGE Information Systems offers a wide range of different iQ products. They all have their specific use cases, advantages and disadvantages.

1.1 PURPOSE OF DOCUMENT

This document gives an overview of all tools and solutions that are currently offered for the creation and communication of reports.

2. SUMMARY TABLE

		iQ-WEB RIS	iQ-RIS	iQ-VIEW	iQ-4VIEW	iQ-FUSION	iQ-X
WORKFLOW	Single reading physician per study	✓	✓	✓	✓	By request	✓
	Junior / senior reading physician	✓✓	✓	✓	✓	In preparation	-
	Double reading	✓	-	-	✓	-	-
	License	One reporting license per user	One reporting license per user	Unlimited number of reading physicians per workstation	Unlimited number of reading physicians. Concurrent number of reading physician licenses as number of users	By request	In combination with iQ-WEB REPORTING: Unlimited number of reading physicians but single reading physician per report
REPORTING	Typing of reports	In any language	In Latin1	In any language	In any language	In any language by request	In Latin1
	Formatting options	✓✓	✓ Limited support of tables	-	✓	Currently no report editor	✓
	Structured reporting	✓✓	✓ Templates based on modality, procedure, reading physician and/or body region	Workstation based	✓	In preparation	✓
	Summary reports	✓	-	-	-	-	-

		iQ-WEB RIS	iQ-RIS	iQ-VIEW	iQ-4VIEW	iQ-FUSION	iQ-X
	Report for multiple institutions on multiple letterheads	✓	By request	✓	✓	-	-
	Dictation / remote typist	In preparation	Using iQ-DICTATION	Using iQ-DICTATION	By request	-	Using iQ-DICTATION
	Voice recognition	In preparation	E.g. NUANCE using iQ-VOICE interface	E.g. NUANCE, Dolbey, Fusion using iQ-VOICE interface	In preparation	In preparation	E.g. NUANCE using iQ-VOICE interface
REPORT COMMUNICATION	Print	✓ PDF	✓ Word	✓ PDF in preparation	Browser Print	By request	Browser Print
	HL7	ORU	ORU	ORU using iQ-WEB and iQ-WEBX REPORT CONVERTER	ORU using iQ-WEB and iQ-WEBX REPORT CONVERTER	ORU by request	ORU using iQ-WEB and iQ-WEBX REPORT CONVERTER
	DICOM	DICOM PDF using iQ-SR2PDF CONVERTER	DICOM PDF	DICOM SR, DICOM PDF using iQ-SR2PDF CONVERTER	DICOM SR, DICOM PDF using iQ-SR2PDF CONVERTER	DICOM SR and DICOM PDF by request	DICOM SR, DICOM PDF using iQ-SR2PDF CONVERTER

3. DESCRIPTION OF TERMINOLOGY

- Single reading physician per report: each study can be reported by a single reading physician name under the report.
- Junior/senior reading physician: each study can be reported by one or two physicians, typically a junior physician/student and a senior radiologist/consultant. Junior physician/student = DICOM observer. Senior radiologist/consulting = DICOM verifying radiologist
- Double reading: Two independent (typically senior) readers read a study, typically for screening or research studies, e.g. for breast or chest screening.
- Typing in Latin1: Reports can be coded in ASCII + European extension e.g. for áäà or similar but not in non-European character sets
- Typing in any language: Reports can be written in any character set or language.
- Formatting options: Format text, e.g. bold, italic, underlined, font size, etc.
- Summary reports: Report summaries for one or multiple studies in one report, e.g. one report for breast ultrasound + mammography or one report for cervical + thoracic + lumbar spine.
- Report for single or multiple institutions with same or multiple institution letterheads: Often, teleradiologists report for multiple institutions during a work day. Often there's a requirement to have different report letterheads for different radiology providers, e.g. different authorization numbers, different phone numbers etc.
- DICOM SR: DICOM structured report. This form is optimized for automatic report communication via CD/DVD/USB or any DICOM transfer including automatic import to and export from any PACS.
- [DICOM] PDF: PDF report including logo and signatures embedded in a DICOM file. DICOM PDF can be transferred and stored via DICOM protocol and exported by most DICOM pdf applications into a regular DICOM file.
- HL7 ORU: Format to interface reports with hospital information systems (HIS) and radiology information systems (RIS)
- In preparation means: Planned for one of the next versions by 2024
- By request means: Not included in installer but possible with a customized installation.

IMAGE INFORMATION SYSTEMS EUROPE GMBH
LANGE STRASSE 16 | 18055 ROSTOCK | GERMANY
TEL. +49 381 496 58 20 | FAX +49 381 496 582 99

IMAGE INFORMATION SYSTEMS NORTH AMERICA LP
13000 S. TRYON STREET | STE F. 143 | CHARLOTTE, NC 28278 | USA
TEL.: +1 470 300 44 80

RADIQ IMAGE INFORMATION SYSTEMS PVT. LTD.
MARTIN BURN BUSINESS PARK #906 | SALT LAKE CITY, SECTOR V | KOLKATA – 700091 | WEST BENGAL, INDIA
TEL. +91 700 375 0560

WWW.IMAGE-SYSTEMS.BIZ | INFO@IMAGE-SYSTEMS.BIZ