

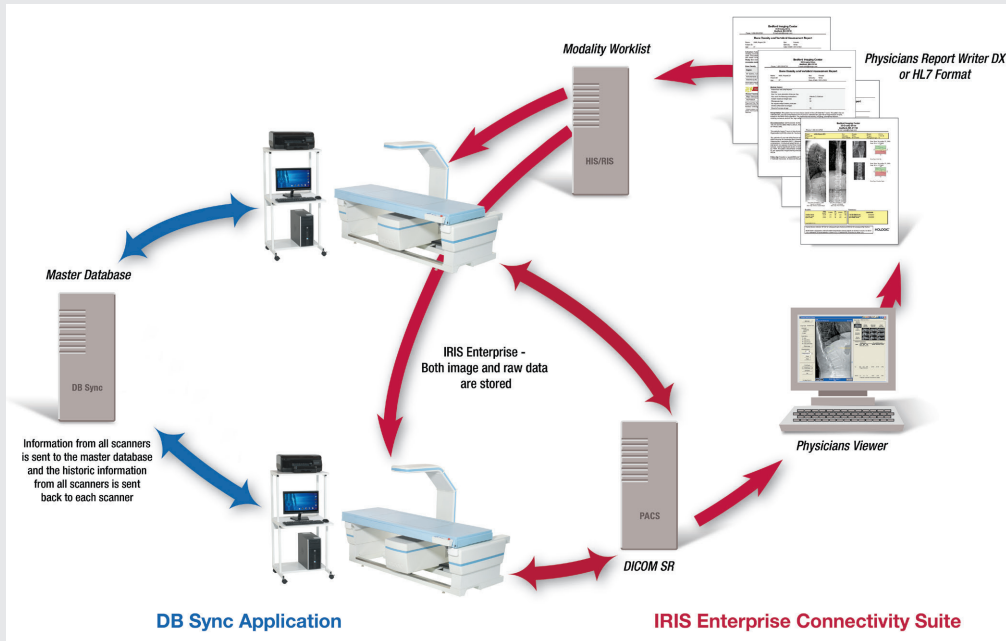
Horizon™ Bone Densitometry Systems



Connectivity Solutions

As the leading provider of connectivity solutions for bone densitometry systems, Hologic is committed to helping streamline workflow between and within facilities and workstations. From entering patient data to physician interpretation, Hologic provides a comprehensive package of tools to meet your connectivity needs. Physicians and other health-care providers can transmit, receive, and interpret patient results and demographic data from virtually anywhere in the world.

IRIS™ Enterprise Connectivity Suite



The IRIS Enterprise Connectivity Suite includes:

- DB Sync
- Modality Worklist
- Enterprise Data Management
- DICOM (DICOM 3 compliant)
- DICOM Query/Retrieve
- Physicians Report Writer™ DX software
- Health Level Seven (HL7) Reporting
- Physicians Viewer™ software

IRIS Enterprise provides the gateway for true paperless densitometry by providing a data management solution for facilities wishing to share data between scanners at different locations. This feature embeds raw data files into the DICOM files, allowing for data storage on your PACS. This eliminates the need to archive to removable media.

The DICOM Modality Worklist downloads demographic and exam-specific information from the Hospital Information System (HIS) directly to the scanner, streamlining workflows, eliminating data entry errors and reducing costs.

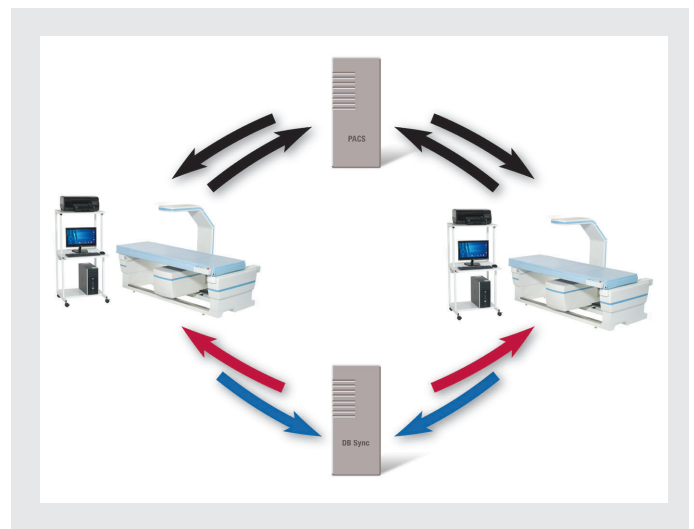
Physicians Report Writer DX software provides a cost-effective, efficient approach to information sharing. BMD and Instant Vertebral Assessment™ (IVA™) DICOM files are sent directly to the Hologic Physicians Viewer software, and if available, PACS storage for viewing and archiving. After softcopy review, an electronic report is generated through the Physicians Report Writer DX software and sent via HL7 text message to the HIS Hospital Information Systems, RIS Radiology Information Systems and EMR Electronic Medical Records.

DB Sync

The Hologic APEX™ database synchronizer (DB Sync) allows patient and scan data from one DXA system to be shared automatically and seamlessly with other DXA systems. The combination of IRIS Enterprise and DB Sync enables facilities to schedule and scan returning patients on any available and supported DXA system to improve workflow and maximize productivity.

DB Sync:

- Shares historical data
- Compatible with Windows 7 PCS



Optimized Productivity

Modality Worklist

Hologic APEX connects to HIS/RIS systems, simplifying, the exchange of text data between workstations and hospital information systems. The Modality Worklist allows operators to draw text data, including admissions information and the daily order of exams, from HIS/RIS and view it on the workstation monitor. It also downloads patient biographical information and work procedure requests from HIS, which eliminates data entry errors, reduces costs and streamlines workflows.

QDR™ Network

The QDR Network connects multiple scanners to a single Hologic workstation or scanner, located within the facility or linked by a network. It is easy to operate using the Hologic menu and allows for central data management.

Physicians Report Writer DX software

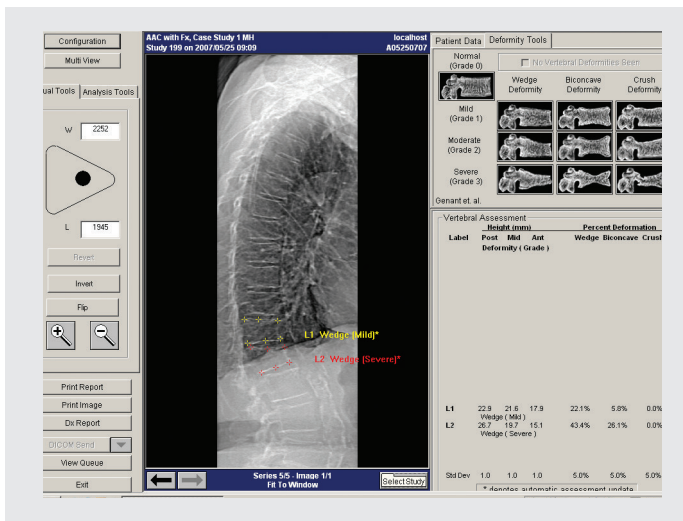
Physicians Report Writer DX Software delivers a comprehensive report that combines the patient's information, BMD, Instant Vertebral Assessment™ (IVA™-HD) and FRAX® data into an automated electronic report that utilizes rules derived from internationally recognized recommendations.

Health Level 7 Report (HL7)

The HL7 Report extracts bone density exam results and interpretation as text data from the Physicians Report Writer DX software and formats it for the HIS/RIS and EMR systems. It reduces transcription errors and costs, streamlines reporting, and is designed to improve workflow by providing true paperless densitometry.

Physicians Viewer software

Physicians Viewer software is a standalone package for remote softcopy review of BMD and IVA scans. It streamlines workflows with:



Send BMD and IVA DICOM files to the Physicians Viewer.

Enterprise Data Management

Enterprise Data Management, through the IRIS Enterprise, provides the ability to send embedded raw data files along with the DICOM report, allowing for data storage on the customer's PACS, eliminating the need to archive to removable media. It provides:

- Improved workflow efficiency
- Expedited data delivery
- High quality soft-copy reading
- Central interpretation and archiving
- Industry-standard report distribution
-

- Intuitive graphical interpretation aids
- Computer-aided fracture assessment tool
- Point-and-click grading of vertebral deformity
- Intuitive graphical interpretation aids
- Full image fidelity
- Optimizes image with interactive zoom, brightness, and contrast control
- Displays degree of vertebral compression
- Simplifies IVA interpretation
- Communicates data directly into the Physicians Report Writer DX software

Successful integration with all major PACS networks, including:

- Agfa
- Philips
- McKesson
- Emageon
- ALI
- Pixelworks
- NovaRad
- Fuji
- AMICAS
- Siemens
- Oasys
- GE
- CompuRad
- WinRad
- Osiris
- Kodak
- DR Systems

Successful integration with all major EMR systems, including:

- Allscripts
- Aprima
- eClinicalWorks
- GE Centricity

The IRIS Enterprise Connectivity Suite complies with current industry standards:

- DICOM 3.0
- HIPPA Privacy Standards
- IHE Year 7

Summary of Connectivity Capabilities

	Physicians Viewer™ software	QDR™ DICOM	QDR™ Network	Physicians Report Writer™ DX software	IRIS Enterprise
Remote interpretation/reporting	■	■	■	■	■
DICOM compatibility	■	■			■
DICOM Worklist					■
Centralized data management			■		■
Customized reporting				■	■
HL-7 report output				■	■
E-mail/fax capability				■	■
Wireless networking					■
IHE Year-7 compliance					■
Archive raw data to PACS					■



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Hologic Headquarters
United States / Latin America
 250 Campus Drive
 Marlborough, MA 01752
 USA Tel: +1.508.263.2900
 Sales: +1.781.999.7453
 Fax: +1.781.280.0668
 Email: info@hologic.com



Hologic, Inc.
www.hologic.com