

VistA Imaging Approved DICOM Modality Interfaces

August 30, 2019

VistA Imaging has successfully tested many modalities and interfaced them to VistA using DICOM. The following list of approved DICOM modalities was generated based on the most current information and will change as more information becomes available.

A DICOM modality is considered “Supported” if it passes the VA’s internet validation test suite listed in the [Joint VA/DoD DICOM Modality Conformance Requirements \(Rev 3.0\)](#) document. Some modalities have superscript numbers which refer to the notes at the end of the document.

If the software used on a modality is revised by the manufacturer, the modality will need to be re-validated.

The VA retains the right to change modality testing requirements at any time as needed for VA medical care. These changes could require re-testing of the modalities.

VA facilities are required to complete a quality review for the images produced by the device before it may be placed into clinical use. The results of the quality review must be filed with the National VistA Imaging Project Office.

This list of approved DICOM modalities does not in any way constitute a product endorsement by the VA. It only states whether or not the listed product has passed the VA’s internet-based validation testing. Upgrades to the vendor devices can affect interoperability and may require re-validation. The validation process does not indicate how well the actual product will work operationally, either within the VA or elsewhere.

Modality/Device Types

Approved modalities and devices are grouped into the categories listed below. A list of approved devices for each category can be found on the page listed below.

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Bone Density

Supported Bone Density Devices

GE DPX Bravo
GE DPX Duo
GE DPX-MD+
GE DPX-NT
GE Lunar iDXA
GE Prodigy Advance
GE Prodigy Primo
GE Prodigy Pro
GE/Lunar Prodigy
Hologic Discovery
Hologic Horizon
Hologic Explorer
Hologic Oasis (QDR) Workstation
Norland Excell (IlluminatusDXA)
Norland XR-46 (IlluminatusDXA)
Norland XR-600 (IlluminatusDXA)
Norland XR-800 (IlluminatusDXA)

Cardiology

Supported Cardiology Devices

GE Innova IGS 520
GE Innova IGS 530
GE Innova IGS 540
GE Innova IGS 620
GE Innova IGS 630
GE Innova IGS 630
GE Discovery IGS 730
GE Discovery IGS 740
Philips IntelliSpace Cardiovascular version 2.3
Philips Medical Systems AlluraXper
GE Healthcare MUSE 9 (DICOM Storage)

CD/DVD Burners

Supported CD/DVD Burners

SST Group, DMC-EZ
Pacsgear Media Writer D100/D200¹
Perennity CD Burner Software V4.5
RadInfo Systems CDPowerPACS²
Sencor DICOM Part 10 Burner
Sorna FilmX
Sorna eXpedo
Sorna Vertex

Notes

- 1 Uses DICOM software that was approved for Pacsgear and Pacscan
- 2 Device now supported by Sorna

Computed Radiography

Supported Computed Radiography Devices

Agfa ADC-51xx
Agfa ADC 70⁴
Agfa ADC Compact⁴
Agfa ADC Solo⁴
Agfa ADC-QS
Agfa ADC-VIPS¹
Agfa NX Workstation for all CR Plate Readers
Agfa PRID⁸
Carestream Classic
Carestream CR825
Carestream CR850
Carestream CR950
Carestream CR975
Carestream Elite
Carestream POC 360
Carestream Vita CR
Carestream OnSight 3D Extremity System (Version: 1.1)⁹
Carestream (APELEM) DRX-Excel Plus (Version: 1.12.03)
Fuji 5000⁴
Fuji 5000R⁴
Fuji 7000⁴
Fuji 7501⁴
Fuji 9000⁴
Fuji 9501⁴
Fuji AC1 Plus⁴
Fuji AC3⁴
Fuji Clearview CSm (Platform: Flash IIP vFLEXUIV8.2)
Fuji Clearview CS1m (Platform: Flash IIP vFLEXUIV8.2)
Fuji Carbon
Fuji Carbon Series (Platform: Flash IIP vFLEXUIV8.2)
Fuji FCR Go
Fuji FCR GO (Platform: Flash IIP vFLEXUIV8.2)
Fuji FCR GO 2 (Platform: Flash IIP vFLEXUIV8.2)
Fuji FCR IIP Console (CR-IR348)
Fuji FCR XG1
Fuji Flash IIP
Fuji IDT741
Fuji QA771
Fuji SmartCR
Fuji XG-2000
Fuji XG-2000 (Platform: Flash IIP vFLEXUIV8.2)
Fuji XG-5000
Fuji XG-5000 (Platform: Flash IIP vFLEXUIV8.2)
GE Centricity¹
iCRCo Captera⁵
Kodak CR2000T
Kodak DirectView CR500
Kodak DirectView CR800
Kodak DirectView CR825
Kodak DirectView CR850

Kodak DirectView CR900
Kodak DirectView CR950
Kodak DirectView CR975
Kodak (Carestream Health) DirectView CR System (v5.4)
Konica Image Pilot
Konica Regius 150
Konica Regius CS-3 (0863)
Konica Xpress (CS-1)
Lumisys ACR/2000
Orex ACL2 and ACL4⁴
PAUSCH Medical GmbH Uroview FD (V. 8.0.15.15)
Philips AC3⁴
Philips Compano PCR
Philips PCR Corada
Philips PCR Eleva
Siemens AC3⁴
Siemens Multix FD
Siemens Multix Fusion Max
Siemens Multitom Rax, VF10
Siemens Ysio Max, VF10
Viztek Onyx Rad workstation

Notes

- 1 No DICOM Modality Worklist capability.
- 4 Data is transferred via an intermediary device. Confirm intermediary device was purchased as well.
- 5 Tested as DICOM Object. Test images were not converted to Targa format.
- 8 Only supplies Modality Worklist.
- 9 Storage commitment not tested.

Computed Tomography

Supported Computed Tomography Devices

Canon Medical Systems, Aquilion Precision (V8.80)
Carestream CS 8100 3D Trophy 6.4
Carestream CS 9300 Trophy 6.4
Carestream (APELEM) DRX-Excel Plus (Version: 1.12.03)
Elscint CT Twin
Elscint OmniPro
GE Brightspeed (ALL)
GE CT/I¹
GE Discovery CT660
GE Discovery CT750 HD
GE Discovery 590 (RT)
GE Gensys
GE HiSpeed CT/I
GE HiSpeed RP
GE Jupiter
GE Lightspeed (ALL)
GE Optima 520/540
GE Revolution
GE Revolution Evo
GE Revolution HD
GE Revolution GSI
Hitachi Medical Corporation Scenaria
Marconi PQ2000
Marconi PQ5000
Marconi PQ6000
Marconi PQS
Marconi TomoScan^{1,3}
Marconi Ultra Z¹⁰
Marconi/Philips Extended Brilliance
Marconi/Philips MX8000
Marconi/Philips MX8000 IDT
NeuroLogica Corp. BodayTom Portable CT
NeuroLogica Corp. CereTom Portable CT
NeuViz CT16
NeuViz NV64
Philips Brilliance 40 CT
Philips Brilliance 64 CT
Philips Brilliance CT
Philips Brilliance iCT
Philips Brilliance Ingenuity CT
Philips Brilliance Portal¹⁷
Philips Brilliance Workspace¹⁷
Philips Extended Brilliance Workspace¹⁷
Philips MxViewEXP
Siemens Biograph
Siemens Biograph mCT (Version VG70A)
Siemens CT Definition
Siemens Definition Flash
Siemens Emotion 6
Siemens Emotion 16
Siemens Sensation 10

Siemens Sensation 16
 Siemens Sensation Cardiac
 Siemens SOMATOM1,3
 Siemens SOMATOM Plus1,3
 Siemens Volume Zoom
 Siemens SOMATOM Confidence (version: VA62A)
 Siemens SOMATOM Definition (version: VB10A)
 Siemens SOMATOM Definition Flash (version: VB10A)
 Siemens SOMATOM Definition AS (version: VB10A)
 Siemens SOMATOM Definition Edge (version: VB10A)
 Siemens SOMATOM Drive (version: VB10A)
 Siemens SOMATOM Edge Plus (Version: syngo CT VB10A)
 Siemens SOMATOM Force (version: VB10A)
 Siemens SOMATOM Definition Edge (version: syngo CT VB20A)
 Siemens SOMATOM Definition Flash (version: syngo CT VB20A)
 Siemens SOMATOM Definition AS (version: syngo CT VB20A)
 Siemens SOMATOM Drive (version: syngo CT VB20A)
 Siemens SOMATOM Confidence (version: syngo CT VB20A)
 Siemens SOMATOM Edge Plus (version: syngo CT VB20A)
 Siemens SOMATOM Force (version: syngo CT VB20A)
 Siemens SOMATOM Perspective
 Siemens SOMATOM go.All (Version VA20A)
 Siemens SOMATOM go.Now (Version VA20A)
 Siemens SOMATOM go.Top (Version VA20A)
 Siemens SOMATOM go.Up (Version VA20A)
 Siemens Symbia Intevo Excel
 Siemens Symbia Intevo 2
 Siemens Symbia Intevo 6
 Siemens Symbia Intevo 16
 Siemens Symbia T
 Siemens Symbia T2
 Siemens Symbia T6
 Siemens Symbia T16
 Toshiba Aquilion (Aquilion Platform)
 Toshiba Aquilion 4 (Aquilion Platform)
 Toshiba Aquilion 8 (Aquilion Platform)
 Toshiba Aquilion 16 (Aquilion Platform)
 Toshiba Aquilion 32 (Aquilion Platform)
 Toshiba Aquilion 64 (Aquilion Platform)
 Toshiba Aquilion CX (Aquilion Platform)
 Toshiba Aquilion ONE (Aquilion Platform)
 Toshiba Aquilion ONE Genesis
 Toshiba Aquilion ONE Vision (Aquilion Platform)
 Toshiba Aquilion PREMIUM (Aquilion Platform)
 Toshiba Aquilion PRIME (Aquilion Platform)
 Toshiba Aquilion RXL (Aquilion Platform)
 Toshiba Aquilion Lightning
 Toshiba Aquilion Super 4
 Toshiba Alexion (Aquilion Platform)
 Toshiba Asteion
 Toshiba Large Bore (Aquilion Platform)
 NeuWave Medical, Inc. Ablation Sys/Discovery RT, v. 3.0.4.451²³

Notes

²³ This device is not approved for Query Retrieve

Dental Extra-Oral Radiography

Supported Dental Extra-Oral Radiography Devices

Carestream Dental (Kodak) 9000 Pano (Trophy Platform - DX)
Carestream Dental (Kodak) Ceph-9000 (Trophy Platform - DX)
Carestream Dental (Kodak) Ceph-V3 (Trophy Platform - DX)
Carestream Dental (Kodak) K8000E (Trophy Platform - DX)
Carestream Dental (Kodak) K9000 (Trophy Platform - CT)
Carestream Dental (Kodak) K9500 (Trophy Platform - CT)
Carestream Dental (Kodak) CS-8100 (Trophy Platform TW 6.13.3.2)
Carestream Dental (Kodak) CS-8100 (Trophy Platform TW 6.4)
Carestream Dental (Kodak) CS-9300 (Trophy Platform TW 6.4)
Cefla North America, Inc MyRay Hyperion MRT²¹
Cefla North America, Inc MyRay Hyperion X5²¹
Cefla North America, Inc MyRay Hyperion X7²¹
Cefla North America, Inc MyRay Hyperion X9²¹
Cefla North America, Inc NewTom Giano²¹
Planmeca Dimax
Planmeca Dimax2
Planmeca ProMax PX-1102
Planmeca ProMax/Romexis 3D CBVT (Code Beam Volumetric Tomography)
Planmeca Proline Pan – (DIMAX3 - Planmeca Romexis Platform)
Planmeca Promax Pan – (DIMAX3 - Planmeca Romexis Platform)
Dentsply Sirona GALILEOS (Code Beam CT)
Dentsply Sirona GALILEOS 3D (Cone Beam CT)
Dentsply Sirona ORTHOPHOS XG 3 Digital Pan (no-Ceph)
Dentsply Sirona ORTHOPHOS XG 3D D3352 Digital Pan (SIDCOM3.0, SIDEXIS XG, GALAXIS)
Dentsply Sirona ORTHOPHOS XG 3D D3352 Digital Pan w/ Ceph (SIDCOM3.0, SIDEXIS XG, GALAXIS)
Dentsply Sirona ORTHOPHOS XG 5 Digital Pan
Dentsply Sirona ORTHOPHOS XG 5 Digital Pan-Ceph
Dentsply Sirona ORTHOPHOS XG Plus Digital Pan 3D ready [2D system] (SIDCOM3.0, SIDEXIS XG)
Dentsply Sirona ORTHOPHOS XG Plus Digital Pan-Ceph 3D ready SIDCOM3.0, SIDEXIS XG)
Dentsply Sirona ORTHOPHOS SL 3D Ai (all s)
Dentsply Sirona ORTHOPHOS SL I (all s)
Dentsply Sirona ORTHOPHOS SL (DCS) (all s)
KaVo Dental Technologies/Instrumentarium Dental Snapshot (Clinview10)
KaVo Dental Technologies/Instrumentarium Dental OP200 (Clinview10)
KaVo Dental Technologies/Instrumentarium Dental OP30 (Clinview10)
KaVo Dental Technologies/Instrumentarium Dental Snapshot (Clinview10)
KaVo Dental Technologies/Soredex CraneX 3D (Clinview10)
KaVo Dental Technologies/Soredex CraneX 3D (Clinview10)
KaVo Dental Technologies/Soredex CraneX Novus (Clinview10)
KaVo Dental Technologies/Soredex CraneX Optime (Clinview10)
KaVo Dental Technologies/Instrumentarium OP300 (Clinview 10.2)
KaVo Dental Technologies/Instrumentarium OP300 Maxio (Clinview 10.2)

Notes None

²¹ Requires using NNT/iRYS Workstation w/DICOM module

Dental Intra-Oral Radiography

Supported Dental Intra-Oral Radiography Devices

Carestream Dental (Kodak) RVG 6100 (Trophy Platform - IO)
Carestream Dental (Kodak) RVG 6200 (Trophy Platform - IO)
Cefla North America, Inc MyRay Zen-X Sensor²¹
Cefla North America, Inc MyRay X-Pod Sensor²¹
Cefla North America, Inc MyRay C-U2²¹
Cefla North America, Inc MyRay C-U2 HD²¹
Cefla North America, Inc NewTom VGi²¹
Cefla North America, Inc NewTom VGi Evo²¹
Cefla North America, Inc NewTom 5G²¹
Cefla North America, Inc NewTom GO²¹
Dentsply Gendex DenOptix
Dexis DEXIS
Planmeca DIXI, DIXI2, and DIXI3 Series Detectors
Planmeca Intrascan
Planmeca Multiscan
Planmeca Prosensor (Planmeca Romexis Platform)
Dentsply Sirona IO 2 (Wall-box Ethernet version) Intra Oral Sensors; Sizes 1 & 2
Dentsply Sirona IO 2 Plus Wall Module D3495 (Ethernet version) Intra Oral Sensors; Sizes 1 & 2 (SIDCOM 3.0, SIDEXIS XG)
Dentsply Sirona IO 2 Plus Wall Module D3495 (USB version) Intra Oral Sensors; Sizes 1 & 2 (SIDCOM 3.0, SIDEXIS XG)
Dentsply Sirona XIOS (USB version) Intra Oral Sensors; Size 1 & 2
Dentsply Sirona Schick 33 Sensors; Size 0, 1 & 2, USB Type
Dentsply Sirona Schick Elite Sensors; Size 0, 1 & 2, USB Type
Dentsply Sirona Schick 33 Sensors; Size 0, 1 & 2, USB Type
Dentsply Sirona Schick Elite Sensors; Size 0, 1 & 2, USB Type
Dentsply Sirona XIOS Plus (USB version) Size 1 & 2
Dentsply Sirona XIOS Plus (Ethernet version) Size 1 & 2
Dentsply Sirona USBCam4
KaVo Dental Technologies/Soredex Scanora

Notes

²¹ Requires using NNT/iRYS Workstation w/DICOM module.

Dental VL – Endoscopy

Supported VL – Endoscopy Devices

Carestream Dental (Kodak) K5100 (Trophy Platform - ES)

Dental Workstations

Supported Dental Workstations

Cefla North America, Inc NNT/iRYS
GE Dental CliniView
Instrumentarium Imaging CliniView
Medicor MIPACS Dental Enterprise PACS
Planmeca Dimaxis Pro platform
Dentsply Sirona (Schick Technologies) CDR DICOM
Dentsply Sirona GALAXIS Platform
Dentsply Sirona SIDEXIS XG Platform
Dentsply Sirona SIDICOM 3.0 Platform
Dentsply Sirona SIDEXIS Software for Products (SIDCOM Platform 3.0)
Dentsply Sirona SIDICOM WLS (SIDEXIS XG Platform)
Dentsply Sirona SIDICOM WLS 3.1
Dentsply Sirona SIDEXIS 4
KaVo Dental Technologies/Soredex Clinview 10 Software (Clinview10)
KaVo Dental Technologies/Soredex Scanora 5.0 Software (Clinview10)
Trophy Radiologie RVGui

Digital Subtraction

Supported Digital Subtraction Devices

Philips Integris
Siemens AngioStar
Siemens Polytron

Direct X-Ray

Supported Direct X-Ray Devices

Agfa DX-D 100 (Platform: NX)
Agfa DX-D 300 (Platform: NX)
Agfa DX-D 400 (Platform: NX)
Agfa DX-D 500n (Platform: NX)
Agfa DX-D 600 (Platform: NX)
Agfa DR 400
Agfa DR 600
Agfa Instant DR Retrofit
Canon CXDI
Canon CXDI Control NE
Canon, RadPro Mobile 40kw Flex (with CXDI Control NE) (V. 2.17.0.20)
Canon RadPRO Elite XA (w/CDXI Control NE)
Canon RadPRO Elite XM (w/CDXI Control NE)
Canon RadPRO Elite FM1 (w/CDXI Control NE)
Canon RadPRO Mobile 40kW (w/CDXI Control NE)
Canon RadPRO Mobile 40kW Flex (w/CDXI Control NE)
Canon RadPRO Mobile 40kW Flex Plus (w/CDXI Control NE)
Canon RadPRO Omnera 400A (w/CDXI Control NE)
Canon RadPRO Omnera 400T (w/CDXI Control NE)
Canon RadPRO Delinia 200 (w/CDXI Control NE)
Canon RadPRO Soltus 100M (w/CDXI Control NE)
Canon RadPRO Soltus 100 (w/CDXI Control NE)
Canon RadPRO URS (w/CDXI Control NE)
Carestream DR7500
Carestream DRX-1
Carestream DRX-Evolution
Carestream DRX-Evolution, v.1.3
Carestream DRX-Revolution
Carestream, DRX Revolution Mobile (V. Image View 1.2)
Carestream DR 3500
Carestream DR 9500
Carestream DRX-Mobile Retrofit Kit
DEL Medical DelWorks Medical DR System
CMT SmartRAD
Faxitron BioVision
Faxitron PathVision
Faxitron CoreVision
Fuji AcSelerate (Platform: FDX Console)
Fuji Console Advance - DR-ID 300CL
Fuji Console Advance - DR-ID 300CL (Platform: FDX Console)
Fuji D-EVO (Platform: FDX Console)
Fuji Unity
Fuji Velocity
GE ADS_1.0
GE Definium 5000
GE Definium 8000
GE Definium AMX700
GE Discovery XR 650 (Platform Discovery XR)
GE Discovery XR 656 (Platform Discovery XR)
GE Discovery XR656+

GE Discovery XR656HD, v.1.0
GE Discovery XR 650 (Platform Discovery XR)
GE Optima 220 (Platform Discovery XR)
GE Optima XR646
GE Optima XR646 HD, v.1.0
GE Optima XR240amx, v. 2.27.1²³
GE Proteus US
GE Revolution XQ/i
GE Revolution XRd
Hologic 1000⁴
Hologic 5000⁴
Hologic DROC
Hologic Radex⁴
Kodak DirectView DR5000
Kodak DirectView DR5100
Kodak DirectView DR7100
Kodak DirectView DR7500
Kodak DirectView DR9000
Konica Minolta CS-2/iQue
Konica Minolta DIRECT DIGITIZER CS-7
Konica Minolta Regius CS-3 (0862)
Konica Minolta/GE AeroDR - CS-7, V: 1.30R02_007
Philips Digital DIAGNOST VR
Philips Digital DIAGNOST
Philips DIGITAL DIAGNOST R3.0 (PLATFORM: EWS0409)
Philips MOBILEDIAGNOST WDR (PLATFORM: EWS0409)
Philips Eleva Workspot 2.0
Philips Essenta Compact
Philips Thoravision
Samsung GC85A
Samsung GC80
Samsung GU60A
Samsung CF50
Samsung GM60A
Samsung GR40CW
Samsung GM85, v3.03.17
Siemens AXIOM Multix M
Siemens AXIOM Multix MP
Siemens AXIOM Multix MT
Siemens AXIOM Multix MU
Siemens Cios Alpha, v:VA30
Siemens Cios Cios Spin, v:VA30
Siemens Cios Select, v:VA20
Siemens Mobilett Mira
Siemens Mobilett Mira Max
Siemens Mobilett XP Digital
Siemens Multix Fusion Max
Shimadzu MobileDaRt Evolution⁴
Shimadzu MobileDaRt Evolution EFX
Shimadzu MobileDaRt Evolution SZ
Shimadzu MobileDaRt Evolution EFX SZ
Shimadzu MobileArt Evolution AeroDR
Shimadzu MobileArt Evolution EFX AeroDR

Shimadzu RadSpeed DR⁴
Shimadzu RadSpeed AeroDR
SwissRay ddR Multi-System
SwissRay HD3000 ddRCompact
SwissRay TR4000 (ddR Modulaire xxx/ddR Combi xxx)
SwissRay XG5000 (ddR Combi xxx/ddR Formula xxx)
Toshiba RadRex-i

Notes

- 3 Data is transferred via an intermediary device. Confirm intermediary device was purchased as well.
- 23 This device is not approved for Query Retrieve

Evidence Creator (Encapsulated PDF)

Supported Encapsulated PDF Devices

Endosoft (UTECH) Endosoft Systems
Medima Solutions PacsPrinter
NeuroCom International BASIC Balance Master
NeuroCom International BASIC Balance Master (Platform: Balance Manager)
NeuroCom International Balance Master
NeuroCom International Balance Master (Platform: Balance Manager)
NeuroCom International EquiTest
NeuroCom International EquiTest (Platform: Balance Manager)
NeuroCom International EquiTest CRS
NeuroCom International EquiTest CRS (Platform: Balance Manager)
NeuroCom International inVision
NeuroCom International inVision (Platform: Balance Manager)
NeuroCom International PRO Balance Master
NeuroCom International PRO Balance Master (Platform: Balance Manager)
NeuroCom International SMART Balance Master
NeuroCom International SMART Balance Master (Platform: Balance Manager)
NeuroCom International SMART EquiTest
NeuroCom International SMART EquiTest (Platform: Balance Manager)
NeuroCom International SMART EquiTest CRS
NeuroCom International SMART EquiTest CRS (Platform: Balance Manager)
NeuroCom International VSR
NeuroCom International VSR (Platform: Balance Manager)

Film Digitizer

Supported Film Digitizers

Array Corporation AR2905⁴
Hologic, Inc. Digital Now Film Scanner (MG)⁵
Lumisys LS7⁴
Lumisys LS85⁴
Lumisys LS150⁴
Lumisys LS200⁴
Vidar Film Digitizer⁴

Notes

4 Data is transferred via an intermediary device. Confirm intermediary device was purchased as well.

5 Tested as DICOM Object. Test images were not converted to Targa format.

Film Digitizer Software

Supported Film Digitizer Software

Lumisys DI-2000
Mitra Mitra Express
Vidar Clinical Express

Frame Grabber

Supported Frame Grabbers

ALI NewPort

Aspect Electronics *See Kodak MIM¹*

Camtronics NT-100¹

Camtronics NT-200¹

DicomIt Information Manager

Foresight Imaging TIMS DICOM SYSTEM

Kodak MIM

Kodak MIMS-100

Kodak MIMS-200

RIS I2000 VICS²

Notes

1 No DICOM Modality Worklist capability.

2 Poor DICOM Modality Worklist capability.

General Microscopy

Supported General Microscopy Devices

STI Hawaii, Inc. STI-Colposcope

Magnetic Resonance

Supported Magnetic Resonance Devices

Canon Medical Systems, MR Vantage Orian (v.5.0)
GE ADW
GE Discovery MR 450
GE Discovery XR656 HD, v.1.0
GE Discovery MR 750
GE Discovery MR 750W
GE Optima MR430S
GE Optima MR 450
GE Optima MR 450w
GE Signa
GE Signa Artist, v. DV26 ²²
GE Signa HDe
GE Signa HDe 1.5T (14.0) (Platform: Signa HD)
GE Signa HDi
GE Signa HDi 1.5T (14.0) (Platform: Signa HD)
GE Signa HDx
GE Signa HDx 1.5T (14.0) (Platform: Signa HD)
GE Signa HDx 3.0T (14.0) (Platform: Signa HD)
GE Signa Ovation HD (14.0) (Platform: Signa HD)
GE Signa Profile
GE Signa Profile HD (14.0) (Platform: Signa HD)
GE Signa Premier MR, v. RX 28
SIGNA Voyager
SIGNA Explorer
SIGNA Creator
SIGNA Architect
SIGNA Artisan
GE ONI Medical Systems MR 430
GE ONI Medical Systems MSK Extreme
Hitachi AIRIS II
Hitachi AIRIS Elite
Hitachi Altaire
Hitachi Echelon
Hitachi Echelon Oval
Hitachi Oasis
Hitachi Oasis XP
Marconi Eclipse 1.5T
Marconi Edge/Asset
Marconi Edge
Marconi Vista
Philips Achieva
Philips GyroScan
Philips GyroScanNT
Philips Gyroscan Intera
Philips Ingenia
Philips Intera
Philips Invivo DynaCad ⁵
Philips Invivo DynaCad v4.0 ⁵
Philips Invivo DynaCad Breast
Philips Invivo DynaCad Post Processing Software/Prostate

Philips Panorama
Siemens Allegra
Siemens Avanto (*syngoMR*)
Siemens Concerto
Siemens Espree (*syngoMR*)
Siemens GBS III³
Siemens Harmony
Siemens Impact
Siemens MAGNETOM³
Siemens MAGNETOM Aera
Siemens MAGNETOM Amira
Siemens MAGNETOM Skyra
Siemens MAGNETOM Verio
Siemens MAGNETOM –Vision³
Siemens MAGNETOM Skyra^{fit}
Siemens MAGNETOM Avanto^{fit}
Siemens MAGNETOM Prisma^{fit}
Siemens MAGNETOM Prisma
Siemens MAGNETOM Vida
Siemens Sonata
Siemens Symphony
Siemens *syngoMR*
Siemens Trio (*syngoMR*)
Toshiba Excelart Vantage (MRT-1503)
Toshiba Excelart Vantage Atlas (MRT-1503)
Toshiba Excelart Vantage Titan (MRT-1504)
Toshiba Vantage Elan 1.5T
Toshiba Vantage Titan 1.5T⁴
Toshiba Vantage Titan 3T⁴
Toshiba Vantage Galan 3T

Notes

3 Tested using the DeJarnette Netshare for interfacing. Supported
4 “MPower” platform MR for Toshiba validated
5 Invivo DynaCad does not perform MWL, it is a Vista Storage only.

Mammography

Supported Mammography Devices

GE Senographe Essential⁵
Faxitron Bioptics Corevision
Faxitron Bioptics BioVision
Faxitron Bioptics PathVision
Hologic Affirm Prone Biopsy System (Version 1.0.2.20)²²
Hologic Brevera/CorLumina, Version 1.0
Hologic Cenova (CAD – Secondary Capture)
Hologic Multicare Platinum
Hologic SecureView Diagnostic Mammography Workstation^{5,17}
Hologic Selenia Dimensions (Selenia Dimensions V1.0 platform)⁵
Hologic Selenia Dimensions⁵
Hologic Selenia Dimensions, V1.9¹⁷
Hologic Trident RC Specimen Workstation
Senographe Pristina (Version: NGA_1.20)
Senographe Pristina 3D (Version: NGA_1.20)

Siemens Mammomat Fusion/Inspiration
Siemens Mammomat Inspiration
Siemens Mammomat Revelation¹⁷
Siemens Mammomat Revelation VC10C

Notes

5 Tested as DICOM Object. Test images were not converted to Targa format.

17 DICOM Query/Retrieve – Study/Root Q/R fully supported.

Middleware – Interface Engine

Supported Middleware – Interface Engines

Access AAM
Agfa Impax AS3000¹
Agfa Impax DS3000¹
Agfa Impax NG3000¹
Carl Zeiss Meditec, Inc FORUM
DeJarnette ImageshareCR
DeJarnette MediShare
IMAGE Information Systems iQ-WEBX
IMAGE Information Systems iQ-VIEW
InfiMed GoldOne²
InfiMed PlatinumOne
Foresight Imaging LLC TIMS 2000 SP
Kodak Cluster Server
Medtronics Stealth Station S7
Merge Technologies Examworks
Merge Technologies MVP
Mitra Agfa PACS Broker
Mitra GE PACS Broker
Mitra PACS Broker
Mitra Picker PACS Broker
PACSGEAR (formerly NAI) DICOM Box
PACSGEAR PacsSCAN
PACSGEAR PacsSCAN Film
VIASYS Vasoguard
Visual-Med DicomPush

Notes

- 1 No DICOM Modality Worklist capability.
- 2 Poor DICOM Modality Worklist capability.

Nuclear Medicine

Supported Nuclear Medicine Devices

ADAC Forte⁴
ADAC Genie¹
ADAC Pegasys (Wks.)²
ADAC Solus⁴
ADAC Vertex⁴
Biodex Medical Systems, Inc Atomlab 960 Thyroid Uptake System
Capintec Captus 3000 (Thyroid Uptake System)
Digirad Corporation Prominence (See Digirad SeeQuanta)
Digirad Corporation SeeQuanta (DICOM Modality Worklist software)⁴
Elscint Expert
GE Discovery NM 530c
GE Discovery NM 570c
GE Discovery NM 630
GE NM/CT 800 Family, v:1.0²³
GE Infinia Camera⁴
GE Hawkeye Camera
GE Starcam
GE Varicam
GE Ventri Camera⁴
GE Xeleris workstation
GE Xeleris 2 Workstation
GE Xeleris 3 Workstation
GE Xeleris 4 Workstation
Marconi IRIX
Marconi Odyssey¹
Marconi P3000⁴
Marconi XP2000⁴
Pinestar Technologies NMIS DMWL⁴
ec² Software Solutions NMIS DMWL⁵
Philips Brightview Gamma Camera⁴
Philips CardioMD⁴
Philips JetStream
Philips Precedence
Siemens ICON workstation¹
Siemens Orbiter
Trionix Research BIAD
Trionix Research BIAD_24
Trionix Research TRIAD

Notes

- 1 No DICOM Modality Worklist capability.
- 2 Poor DICOM Modality Worklist capability.
- 4 Data transferred via an intermediary device. Confirm intermediary device was purchased as well.
5. HL7 interface for MWL only.
- ²³ This device is not approved for Query Retrieve

Nuclear Medicine - SPECT

Supported Nuclear Medicine – SPECT

GE Brivo NM 615 (NM 600 Platform)
GE Discovery NM 630 (NM 600 Platform)
GE NM 600 Series (Platform)
GE Discovery NM/CT 670
GE Discovery NM/CT 670 Pro
GE Discovery NM/CT 670 ES
GE Optima NM/CT 640 (NM 600 Platform)
GE Vision POWERstation
Philips Brightview XCT
Philips Extended Brilliance Workplace
Siemens e.soft
Siemens Symbia E (eSoft Platform)
Siemens Symbia eSoft Platform (v8.5)
Siemens Symbia S (eSoft Platform)
Siemens Symbia T (eSoft Platform)
Siemens Symbia T2 (eSoft Platform)
Siemens Symbia T6 (eSoft Platform)
Siemens Symbia T16 (eSoft Platform)
Siemens Symbia E (syngo MI Applications platform)
Siemens Symbia Evo (syngo MI Applications platform)
Siemens Symbia Evo Excel (syngo MI Applications platform)
Siemens Symbia S (syngo MI Applications platform)
Spectrum-Dynamics DSPECT

Ophthalmic Photography

Supported Ophthalmic Photography Devices

Canon imageSPECTRUM Review v 5.3
Canon CF1 (MYD) w/imageSPECTRUM Capture Plus v.5.0
Canon CF1 (MYD) w/imageSPECTRUM Review v.5.1
Canon CR1 Camera (non-MYD)
Canon CR1 Mark II (non-MYD)
Canon CR2 (Platform-Retinal Imaging Control 3.2)
Canon CR2 Plus (Platform-Retinal Imaging Control 3.2)
Canon CX1 (Platform-Retinal Imaging Control)
Canon EyeQ Pro
Canon CR2 (Platform-Retinal Imaging Control 4.1)
Canon CR-2 Plus AF (Platform-Retinal Imaging Control 4.1)
Canon CX-1 (Hybrid) w/imageSPECTRUM Capture Plus Version 5.0
Canon CX-1 (Hybrid) w/imageSPECTRUM Review Version 5.1
Canon CR2 w/imageSPECTRUM Capture Plus Version 5.0
Canon CR-2 Plus AF w/imageSPECTRUM Capture Plus Version 5.0
Canon CR-2 Plus AF w/imageSPECTRUM Review Version 5.1
Canon CR-2 AF w/imageSPECTRUM Review Version 5.1
Carl Zeiss Meditec, Inc. CLARUS 500, Version 1.0.x (1.0.4/1.0.5)^{18,24}
Carl Zeiss Meditec, Inc. CLARUS 500/700 Instrument and Review, v:1.1.1
Carl Zeiss Meditec, Inc. IOL Master 500^{15,18}
Carl Zeiss Meditec, Inc. IOL Master 700
Carl Zeiss Meditec, Inc. VISUCAM
Carl Zeiss Meditec, Inc. VISUPAC
Carl Zeiss Meditec, Inc. FORUM
Carl Zeiss Meditec, Inc. Photo 600/800 w/FORUM
Carl Zeiss Meditec, Inc. Atlas 9000, V: 3.0.2
CenterVue EIDON (Confocal Scanner)
Chace and Associates Technologies, LLC ZPIP
Escalon Ophthavision
Estenda JVN
Haag Streit EyeCap
Haag Streit Octopus 600 w/Eyesuite
Haag Streit Octopus 900 w/Eyesuite
Haag Streit Lenstar LS 900 w/Eyesuite
Haag Streit BX900 w/Eyesuite
Haag Streit BI900 w/Eyesuite
Haag Streit Imaging Module 900 w/Eyesuite
Haag Streit Imaging Module 600 w/Eyesuite
Haag Streit Fundus module 300 w/Eyesuite
ifa united I-tech Inc ifa ecPACS
Heidelberg Engineering HEYEX 2, v. HEYEX 2
Kowa VKDICOM
Kowa VK-2
Medflow oiCapture¹⁵
Medflow MFCapture
Nidek 3Dx
Nidek (PACSPLUS) AFC 210/230 (PPdicom300E)
Nidek OICAPTURE
OCULUS Optikgeraete GmbH. Pentacam
OIS (Merge Healthcare) EyeStation Q5 (Platform: OIS Winstation)
OIS (Merge Healthcare) EyeStation Q5R (Platform: OIS Winstation)
OIS (Merge Healthcare) EyeStation Z (Platform: OIS Winstation)

OIS Winstation (Platform)
Optos Optos Retinal Scanner
Optos P200DTX
Orion Imaging EyeCap
RadInfo Systems oiCapture¹⁵
Topcon IMAGEnet
Topcon Eyeroute
Topcon EZ Lite2
Topcon IMAGEnet 5
Visual Pathways Aris 70
Visual Pathways Aris 70 VigilAnt
Visual Pathways Aris 110
Visual Pathways RSVP
Volk Optical Inc. PictorWorkstation (v. 4.05)

Notes

15 Does not support OP SOP Classes.
18 DICOM Encapsulated PDF only

Ophthalmic Ultrasound

Supported Ophthalmic Ultrasound Devices

Ellex Medical Pty Ltd Eyecubed
Ophthalmic Technologies, Inc. OTI-SCAN
Ophthalmic Technologies, Inc. OTI-SCAN 1000
Ophthalmic Technologies, Inc. OTI-SCAN 2000

Ophthalmic Workstation

Supported Ophthalmic Data Management Workstation

Haag-Streit AG EYESUITE
Topcon Synergy
Topcon 3D-OCT¹⁸

Optical Coherence Tomography (Ophthalmology use only)

Supported Ophthalmic Coherence Tomography Devices

Carl Zeiss Meditec, Inc. Cirrus HD-OCT 400/4000¹⁸
Carl Zeiss Meditec, Inc. Cirrus HD-OCT 500/5000¹⁸
Carl Zeiss Meditec, Inc. Cirrus HD-OCT Ver 9.0¹⁸
Carl Zeiss Meditec, Inc. Cirrus HD-OCT Ver 10.0¹⁸
Carl Zeiss Meditec, Inc. Cirrus 500/5000 Instrument and Review, v.9.5.1
Heidelberg Engineering Spectralis HRA + OCT
Heidelberg Engineering Spectralis OCT
Ophthalmic Technologies, Inc. OCT Ophthalmoscope
Optovue XR Avanti w/DICOM Module 2.1+
Optovue iCAM w/DICOM Module 2.1+
Optovue iVue w/DICOM Module 2.1+
Optovue RTVue w/DICOM Module 2.1+
Optovue iScan w/DICOM Module 2.1+

Notes:

18 DICOM Encapsulated PDF

Other

Other Supported Devices

DesAcc, Inc. Health Data Explorer

MeVis Medical Solutions AG (Veolity) v.1.4¹
Smith-Nephew 660IMS (works with Integration Broker)
Smith-Nephew Integration Broker
VASAMED - PAD-IQ, 3.05

Notes:

Image Reading Software¹

PET

Supported PET Devices

CTI PET
Philips Extended Brilliance Workspace
Philips Gemini GXL
Philips Gemini TF
Philips Astonish TF 16
Siemens Biograph6
Siemens Biograph40
Siemens Biograph64
Siemens mi.CT (Biograph 64)

PET/CT

Supported PET/CT Devices

GE Discovery 610 (Platform: Discovery 2006)
GE Discovery 710 (Platform: Discovery 2006)
GE Discovery PET/CT
GE Discovery MI
GE Discovery MI DR
GE Optima 560 (Platform: Discovery 2006)
Philips Healthcare Ingenuity PET/CT
Philips Healthcare Vereos PET/CT
Siemens Biograph mCT
Siemens Biograph mCT Flow
Siemens Biograph TruePoint
Siemens Biograph Horizon
Siemens Biograph Vision (PT/CT), v.VG75A
Siemens Biograph Vision (PT/CT), v.VG76A
Siemens *syngo* MI.PET/CT 2012A
Siemens m.CT (Platform syngo ml.PET/CT 2011A)
Siemens Somatom Definition AS (Platform syngo ml.PET/CT 2011A)
Siemens Somatom Definition Flash (Platform syngo ml.PET/CT 2011A)
Siemens *syngo* MI.PET/CT 2012A
Toshiba Celesteion

PET/MR

Supported PET/MR Devices

Siemens Biograph mMR

Q/R – 3D Reconstruction Workstation

Supported Query/Retrieve 3D Reconstruction Workstations

TeraRecon Aquarius¹⁷

Vital Imaging Vitrea 3D¹⁷

Voxar 3D¹⁷

Notes

17 DICOM Query/Retrieve – Study/Root Q/R fully supported.

Q/R – Planning Workstation

Supported Query/Retrieve Planning Workstations

Bronchus Technologies Lungpoint Virtual Bronchoscopic Navigation System¹⁶

OrthoView OrthoView Workstation¹⁷

Voyant Health (formally Orthocrat) TraumaCad (Orthopedic Templating)¹⁷

Notes

16 DICOM Query/Retrieve – Performs C-Find SCU and C-Move SCU roles only.

17 DICOM Query/Retrieve – Study/Root Q/R fully supported

Q/R – Routers

Supported Query/Retrieve Routers

Intelerad IntelePACS

Medweb Server (MAG*3.0*66 only)¹⁶

ScImage Picom Enterprise (MAG*3.0*116 v3.3)¹⁶

ScImage Picom Enterprise (MAG*3.0*66 only)¹⁶

Notes

16 DICOM Query/Retrieve – Performs C-Find SCU and C-Move SCU roles only.

Q/R – Workstations

Supported Query/Retrieve Workstations

Agfa Impax 6.5 (cPACS)¹⁶

Bayer Radimetrics Enterprise Platform¹⁷

GE AWS¹⁷

Marconi VoxelQ¹⁷

Medimage DICOMLink¹⁶

MIM Software, v6.8¹

MVISUM, Inc. Cardiology Communications System – DICOM Interface¹⁶

NordicNeuroLab nordicBrainEx¹

Perkins EZ PIC HD

Philips Medical System 3D Roadmap R2 (Platform: XtraVision R8)¹⁷

Philips Medical System Allura 3D-CA R3 (Platform: XtraVision R8)¹⁷

Philips Medical System Allura 3D-RA R6 (Platform: XtraVision R8)¹⁷

Philips Medical System Allura XperCT R2 (Platform: XtraVision R8)¹⁷

Philips Medical System Allura XperGuide R2 (Platform: XtraVision R8)¹⁷

Philips Medical System CTO Navigator (Platform: XtraVision R8)¹⁷

Philips Medical System CTRueView R2 (Platform: XtraVision R8)¹⁷

Philips Medical System MultiModality Roadmap R1 (Platform: XtraVision R8)¹⁷

Philips Medical System StentBoost R2 (Platform: XtraVision R8)¹⁷

Philips Medical System StentBoost R3 (Platform: XtraVision R8)¹⁷

Philips Healthcare Intellispace Portal 6.0

Philips Healthcare Intellispace Portal 7.0

Philips Healthcare Intellispace Portal 8.0

Philips Healthcare DynaCAD Lung¹

Segami Oasis

Siemens *syngo* MMWP (Multi-Modality Workplace)¹⁷

Siemens *syngo.via*¹⁷

Siemens *syngo* X-Leonardo¹⁷

Siemens *syngo* X Workplace¹⁷

Vital Imaging Vitrea Enterprise Suite V1.2¹⁷

Notes

1 No DICOM Modality Worklist capability.

16 DICOM Query/Retrieve – Performs C-Find SCU and C-Move SCU roles only.

17 DICOM Query/Retrieve – Study/Root Q/R fully supported. Formerly named EXPOSURE

Radio Fluoroscopy and X-Ray Angiography

Supported Radio Fluoroscopy and X-Ray Angiography Devices

Canon Medical Ultimax-I, V: 1.60.04
CMT SmartSpot PrimaX
Dornier MedTech Compact Delta II (UIMS platform)
Dornier MedTech Doli-S II (UIMS platform)
Dornier MedTech Opus II (UIMS platform)
Dornier MedTech Genesis (UIMS platform)
Dornier MedTech Gemini (UIMS platform)
Dornier MedTech UIMS Platform 4.x
GE DLX
GE DRS
GE LCA-DLX Advantx Angio
GE Mini View 6800
GE OEC 2800 UroVIEW
GE OEC 9800
GE OEC 9900
GE OEC Elite
GE Precision 500D (Platform Precision 500)
GE Precision 500D w/ Flashpad (Platform Precision 500)
GE Precision 600FP, V:1.53.01
GE Precision RXi¹⁷
GE Precision MPi
GE Innova IGS 520
GE Innova IGS 530
GE Innova IGS 540
GE Innova IGS 620
GE Innova IGS 630
GE Discovery IGS 730
GE Discovery IGS 740
Hologic InSight
Hologic InSight Fluoroscanner C-Arm
InfiMed, Inc. i5 DR (Platform: i5)⁹
InfiMed, Inc. i5 DSA (Platform: i5)⁹
InfiMed, Inc. i5 RF (Platform: i5)⁹
InfiMed, Inc. iCynergy Digital System (Platform: i5)⁹
InfiMed, Inc. Nexus (Platform: i5)⁹
Liebel-Florsheim Hydrovision (DR-Plus)⁴
Medtronic Navigation O-Arm
OrthoScan OrthoScan HD
OrthoScan HD with Flat Detector
OrthoScan HD with Flat Detector - OverRotation
OrthoScan FD Pulse
OrthoScan Mobile DI (MDI)
PAUSCH Medical GmbH Uroview FD (V. 8.0.15.15)
Philips Allura XPER FD20
Philips BV Pulsera²
Philips BV Pulsera (Platform BV Family)
Philips DSI 4.X²
Philips DSI 5.X²
Philips EasyDiagnost (DSI 5.X)²
Philips EasyDiagnost Eleva^{4,9}
Philips EDI (Extended Digital Imaging)^{4,9}

Philips Integris
Philips Integris Allura⁹
Philips Integris Allura XPER FD10 Cardio⁹
Philips Juno DRF
Philips MultiDiagnost Eleva^{4,9}
Philips OmniDiagnost Eleva^{4,9}
Philips UroDiagnost Eleva^{4,9}
Philips Veradius (Platform BV Family)
Philips ViewForum Workstation
RadPro 40kw Mobile X-Ray System (Canon CXDI)⁴
Shimadzu DAR8000
Shimadzu FluoroSpeed (DAR8000)
Shimadzu Sonialvision Versa (DAR8000)
Shimadzu SonialVision G4 [with Shimadzu DR-300]
Shimadzu SonialVision G4 [with Shimadzu DR-300 and Canon CXDI Control NE]
Shimadzu SonialVision G4 [with Shimadzu DR-300 and Konica Minolta DIRECT DIGITIZER CS-7)
Shimadzu Digitex Pro
Siemens Arcadis
Siemens Arcadis C-Arm
Siemens Artis (Remote Workstation)
Siemens Artis one
Siemens Artis zee
Siemens Artis zeego
Siemens Artis Ceiling Zee YMAT
Siemens Artis Q
Siemens Artis Q.zen
Siemens Artis pheno
Siemens Axiom Aristos (FD-X platform)
Siemens Axiom Aristos MX
Siemens Axiom Aristos VX/TX
Siemens Axiom Artis (FD-X platform)
Siemens Axiom Luminos
Siemens Cios Alpha
Siemens Cios Fusion
Siemens Cios Connect
Siemens Fluorospot (Platform: Fluorospot Compact VC10)
Siemens Fluorospot Compact (Platform: Fluorospot Compact VC10)
Siemens Fluorospot (Platform: Fluorospot Compact VG12)
Siemens Luminos Agile
Siemens Luminos Agile Max
Siemens Luminos Agile Max, VF10
Siemens Luminos dRF
Siemens Luminos dRF Max
Siemens Luminos dRF Max, VF10
Siemens Luminos Fusion
Siemens Multitom Rax
Siemens Siremobil Compact L (uses Memoskop DICOM Bridge)
Siemens UROSKOP Omnia
Siemens UROSKOP Omnia Max
Siemens Uroskop Omnia Max, VF10
Siemens Ysio (Platform: Fluorospot Compact VC10)
Siemens Ysio, Multi Detector (Platform: Fluorospot Compact VC10)²⁰
Siemens Ysio Max

Siemens Ysio Max, VF10
 Toshiba DFP-2000A/AS
 Toshiba DFP-8000 (Infinix)
 Toshiba EPS-Plus (w/ADR-1000A)
 Toshiba Kalare (w/ADR-1000A)
 Toshiba Ultimax (w/ADR-1000A)
 Canon Medical Ultimax-i (w/ HDR-08A)
 Villa Sistemi Medicali Villa Apollo DRF
 Ziehm Imaging 7000Plus⁴
 Ziehm Imaging 8000⁴
 Ziehm Imaging NetPort (Platform Netport)
 Ziehm Imaging NetPort (workstation)
 Ziehm Imaging Vario 3D⁴
 Ziehm Imaging Ziehm Solo (Platform Netport)
 Ziehm Imaging Ziehm Vision (Platform Netport)
 Ziehm Imaging Ziehm Vision FD (Platform Netport)
 Ziehm Imaging Ziehm Vision FD Vario 3D (Platform Netport)
 Ziehm Imaging Ziehm Vision R (Platform Netport)
 Ziehm Imaging Ziehm Vision RDF (Platform Netport)
 Ziehm Imaging Ziehm Vision Vario 3D(Platform Netport)
 Ziehm Vision: RFD Family (Version: 7.05)
 Ziehm Imaging Vista⁴
 Ziehm Imaging VistaPlus⁴

Notes

2 Poor DICOM Modality Worklist capability.
 4 Data transferred via an intermediary device. Confirm intermediary device was purchased as well.
 9 Automatic measurements may not be possible; manual calibration may be required.
 17 DICOM Query/Retrieve – Study/Root Q/R fully supported.

Secondary Capture

Supported Secondary Capture Devices

Aranz Medical Limited SilhouetteLink
 Bar-Code DICOMVIDEO
 Biodex Medical Systems, Inc Atomlab 960 Thyroid Uptake System
 E-Web Information Co. DICOM Engine
 GE ViewPoint¹
 Global Media Group, LLC CapSure CONI
 Global Media Group, LLC CapSure Vista
 Global Media Group, LLC CapSure Version 2.1.6.1
 Global Media Group, LLC CapSure Version 3.0
 GlobalMedia Group, LLC CapSure Version 3.2
 Laborie Urodynamics System²
 Life-Tech, Inc. Urodynamics System
 Life-Tech, Inc. Urodynamics System V/IV
 Riverain Medical Softview (Bone Suppression SW)
 Sapheneia Clarity Server (Router)

Notes

- 1 No DICOM Modality Worklist capability
- 2 Uses PACScan DICOM Interface

Secondary Capture (Injection Dosage Capture)

Supported Secondary Capture Devices

Bayer or Medrad Connect_PACS

Surgical Workstation

Supported Surgical Workstations

ImageStream nCare

Infinite Software Solutions, Inc MD Reports

MedXchange CMS9000

Ultrasound

Supported Ultrasound Devices

Accutome 4 Sight
Acuson 128-XP⁵
Acuson KinetDX⁵
Acuson Sequoia^{5,9}
Siemens (Acuson) Sequoia^{5,9}
Acist Medical HDi IVUS
ALI NewPORT
ATL 3000^{1,5}
ATL 5000⁵
Bard Access Systems Site~Rite 8 Ultrasound System
BK Ultrasound (formerly BK Medical) Flex Focus 1202⁹
BK Ultrasound (formerly BK Medical) ProFocus 2202
BK Ultrasound BK2300/3000/5000
Carestream TouchPrime
CorVascular Falcon
Digisonics DDI (Digisonics DICOM Implementation)¹⁷
Esaote (Biosound) MyLab20 Plus^{5,9}
Esaote (Biosound) MyLab25^{5,9}
Esaote (Biosound) MyLab30^{5,9}
Esaote (Biosound) MyLab40^{5,9}
Esaote (Biosound) MyLab50^{5,9}
Esaote (Biosound) MyLab60^{5,9}
Esaote (Biosound) MyLab70^{5,9}
Esaote (Biosound) MyLab70 XVG^{5,9}
Esaote (Biosound) MyLab Class C (Platform: Mylab v4.1; v4.3)^{5,9}
Esaote (Biosound) MyLab Five^{5,9}
Esaote (Biosound) MyLab One (Platform: Mylab v4.1; v4.3)^{5,9}
Esaote (Biosound) MyLab Twice (Platform: Mylab v4.1; v4.3)^{5,9}
GE Healthcare BT18 Voluson, v18
GE Healthcare (U-SYSTEMS) Invenia ABUS
GE Healthcare Echopac⁹
GE Healthcare LOGIQ7⁵
GE Healthcare LOGIQS7
GE Healthcare LOGIQ 400⁵
GE Healthcare LOGIQ 500⁵
GE Healthcare LOGIQ 700⁵
GE Healthcare LOGIQ Book⁹
GE Healthcare LOGIQ E⁹
GE Healthcare LOGIQ E9⁹
GE Healthcare LOGIQ E R9.0.3F
GE Healthcare LOGIQ E10 R1
GE Healthcare LOGIQ P5
GE Healthcare LOGIQ P6⁹
GE Healthcare LOGIQ P9
GE Healthcare LOGIQ S8^{5,9}
GE Healthcare Venue R2
GE Healthcare VIVID S6
GE Healthcare VIVID 7⁹
GE Healthcare VOLUSONI (V730)⁹
GE Healthcare VIVID Q⁹

GE Healthcare VIVID IQ
GE Vingmed VIVID E9⁹
GE Healthcare VIVID E90 (v202)²⁰
GE Healthcare VIVID E95 (Version 202)²³
GE Healthcare VIVID S70
Hitachi Healthcare Avius^{5,9}
Hitachi Healthcare EUB Hi VISION 5500^{5,9}
Hitachi Healthcare Hi VISION 900^{5,9}
Hitachi Healthcare Hi VISION Preirus
Hitachi Healthcare SSD-ALPHA 10SX
Hitachi Healthcare SSD-ALPHA5
Hitachi Healthcare SSD-ALPHA6
Hitachi Healthcare SSD-ALPHA7
Hitachi Healthcare Arietta 60
Hitachi Healthcare Arietta 65, v.1.0²³
Hitachi Healthcare Arietta 70
Hitachi Healthcare Arietta 850
Hitachi Healthcare ProSound F75
Hitachi Healthcare F37
Hitachi Healthcare NOBLUS
Hitachi Healthcare Precision
Hitachi Healthcare Lisendo 880
Hitachi Healthcare Arietta Prologue
KONICA MINOLTA HS1
Mindray Medical M7^{5,9}
Mindray Medical DC8 Exp^{5,9}
Mindray Medical TE7^{5,9}
Mindray Medical M9^{5,9}
Parks Medical Electronics Flo-Lab 2100SX (Sonova SW)⁹
Parks Medical Electronics Flo-Lab 2100SX (SonovaE SW)
Parks Medical Electronics Flo-Lab 2100SX 2 (SonovaE SW)
Philips Affiniti 50G (Version: 2.0.3.396)
Philips iE33₅
Philips iU22_{5,19}
Philips EPIQ5
Philips EPIQ7
Philips CX50
Philips Sparq 2.0
Samsung RS80
Samsung WS80A
Samsung HM70A
Siemens G20^{5,9}
Siemens G50^{5,9}
Siemens G60S^{5,9}
Siemens S1000
Siemens S2000
Siemens S3000
Siemens SC2000
Siemens Sequoia (v12.2)^{5,9}
Siemens (Acuson) X300^{5,9}
Siemens (ACUSON Sequoia) VA10A
SonoSite (FujiFilm) Edge
SonoSite Edge II

SonoSite M-Turbo
SonoSite MicroMAXX
SonoSite (FujiFilm) NanoMaxx
SonoSite Titan
SonoSite S-Series
SonoSite S II
SonoSite X-Porte
SonoSite (FujiFilm) iViz
SuperSonic Imagine Aixplorer
Toshiba Aplio 80
Toshiba Aplio 300
Toshiba Aplio 400
Toshiba Aplio 500
Toshiba Aplio i700
Toshiba Aplio i800
Toshiba Aplio i900
Toshiba Aplio MX
Toshiba Aplio XG
Toshiba Artida
Toshiba Nemio (SSA-550A)
Toshiba Nemio XG (SSA-580A)
Toshiba Viamo
Toshiba UltraExtend¹
Toshiba Xario
Toshiba Xario XG (SSA-680A)
Toshiba Xario 100/200
Unetixs Unetixs Vascular MultiLab Series
Ultrasonix Medical Corp. SonicTOUCH
Ultrasonix Medical Corp. Sonix MDP
Ultrasonix Medical Corp. Sonix OP
Ultrasonix Medical Corp. Sonix RP
Ultrasonix Medical Corp. Sonix SP
US-Vascular Vasculab 4040, version 1.0.180
Viasonix Falcon
Volcano S5⁹
Volcano S5i^{5,9}
Zonare Z.One⁹
Zonare Z.OneUltra⁹
Zonare ZS3

Notes

1. No DICOM Modality Worklist capability.
5. Tested as DICOM Object. Test images were not converted to Targa format.
9. Automatic measurements may not be possible; manual calibration may be required.
17. DICOM Query/Retrieve – Study/Root Q/R fully supported.
19. Reported connectivity issues, please contact support for assistance
23. Not approved for DICOM Query/Retrieve.

Visual Field Analyzer (Encapsulated PDF)

Supported VL Visual Field Analyzer (Encapsulated PDF)

Carl Zeiss Meditec, Inc. HFA 720-i
Carl Zeiss Meditec, Inc. HFA 740-i
Carl Zeiss Meditec, Inc. HFA 745-i
Carl Zeiss Meditec, Inc. HFA 750-i
Carl Zeiss Meditec, Inc. HFA II (Humphrey)
Carl Zeiss Meditec, Inc. HFA3 (with Forum)

Carl Zeiss Meditec, Inc. HFA3
Carl Zeiss Meditec, Inc. HFA3V1.3
Carl Zeiss Meditec, Inc. HFA3V1.4
Carl Zeiss Meditec, Inc. HFA3 V1.5
Carl Zeiss Meditec, Inc. HFA3 V1.5.1
Carl Zeiss Meditec, Inc. Matrix 800 (HFA II)
Carl Zeiss Meditec, Inc. Atlas 9000, V: 3.0.2

VL – Endoscopy

Supported VL – Endoscopy Devices

Endosoft (UTECH) Endosoft Systems¹⁸
Endosoft (UTECH) Endosoft 6.0 (Platform: 6.0)¹⁸
Endosoft (UTECH) EndoVault 1.3 (Platform: 6.0)¹⁸
Endosoft EndoVault 2.15 and 3.0¹⁸
Envisionier Medical Technologies, Inc. eGoManager
Global Media Group, LLC CapSure 2.0⁵
Infinite Software Solutions Inc D\B\A MD-Reports MD-Reports
Image Stream Medical VaultStream /PatInfoEngine, 10.2.1905.0301
Karl Storz AIDA v1.4
Karl Storz AIDA HD Connect
Karl Storz OR1-AIDA Compact II
Karl Storz StreamConnect NEO¹
KayPENTAX KDS (Digital Stroboscopy Workstation)
KayPENTAX 9200D KDS (Digital Stroboscopy Workstation) w/KDCM Module
KayPENTAX 7245D DSW (Digital Swallowing Workstation) w/KDCM Module
KayPENTAX 9310HD Digital Video Capture Module, V. 3.4²⁶
KayPENTAX 9372HD Digital Capture, v1.1
MedXchange DRSHD – Digital Recording System
MedXchange DRSHD – Digital Recording System v1.4
MedXchange 4Klarity
MedXchange DRSHD – DRSHD1080P
MedXchange Evolution HD
MedXchange Evolution4K, v. 1.6.4²⁵
MedXchange HDMDPro
Olympus EndoWorks
Olympus America, Inc. Endoworks 7,4
Olympus Knowledge Exchange (KE) System
STI UltraSight HD
Stryker Endoscopy SDC-HD
Stryker Endoscopy SDC Ultra
Stryker SDC3

Notes

¹⁸ DICOM Encapsulated PDF.

²⁵ This device is not approved for the following SOP Classes: Multi-Frame Secondary Capture Storage, Video Endoscopic Image Store and Video Photographic Image Store. Only approved for Secondary Capture Image Storage and VL Endoscopic Image Storage.

VL – Endoscopy/Microscopy

Supported VL – Endoscopy/Microscopy Devices

ImageStream nStream
ImageStream nCare MX
ImageStream nCare RX
ImageStream nStream GX

ImageStream VaultStream

VL – Pathology

Supported VL –Pathology Devices

Apollo Telemedicine ASAP Imaging

Notes

The notes below are included for reference purposes; see specific listing for details.

- ¹ No DICOM Modality Worklist capability.
- ² Poor DICOM Modality Worklist capability.
- ³ Tested using the DeJarnette Netshare for interfacing.
- ⁴ Data transferred via an intermediary device. Confirm intermediary device was purchased as well.
- ⁵ Tested as DICOM Object. Test images were not converted to Targa format.
- ⁶ *Obsolete; retained for numbering purposes.*
- ⁷ *Obsolete; retained for numbering purposes.*
- ⁸ Only supplies Modality Worklist.
- ⁹ Automatic measurements may not be possible; manual calibration may be required.
- ¹⁰ Older versions of vendor's software are not supported.
- ¹¹ *Obsolete; retained for numbering purposes.*
- ¹² *Obsolete; retained for numbering purposes.*
- ¹³ *Obsolete; retained for numbering purposes.*
- ¹⁴ *Obsolete; retained for numbering purposes.*
- ¹⁵ Does not support OP SOP Classes.
- ¹⁶ DICOM Query/Retrieve – Performs C-Find SCU and C-Move SCU roles only.
- ¹⁷ DICOM Query/Retrieve – Study/Root Q/R fully supported.
- ¹⁸ DICOM Encapsulated PDF only
- ¹⁹ Reported connectivity issues, please contact support for assistance
- ²⁰ Version of DICOM Software approved on prior
- ²¹ Requires using NNT/iRYS Workstation w/DICOM module
- ²² At the time of validation VA HDIG was out of date with the DICOM Standard and doesn't have the ability to recognize the value, POSTMARKER, the third value of Image Type (0008,0008). Validation testing was done with the Application Entity Security Matrix (AESM) entry configured to: VALIDATE=NO and RELAX VALIDATION=YES.
- ²³ This device is not approved for Query Retrieve
- ²⁴ During testing it was noted that if the objects sent by the vendor have different accession numbers, then the ePDF objects stored in VistA do not display an accession numbers. But if the ePDF objects are made up of images that are from the same accession number, then the ePDF objects stored in VistA display the accession number.
- ²⁵ This device is not approved for the following SOP Classes: Multi-Frame Secondary Capture Storage, Video Endoscopic Image Store and Video Photographic Image Store. Only approved for Secondary Capture Image Storage and VL Endoscopic Image Storage.