DatamedWL™ Compatibility List

Devices

Baxter / Hillrom *(Mortara®, Welch Allyn®)*

Devices: ELI® series cardiographs and Welch Allyn® Diagnostic Cardiology Suite (DCS) (formerly Connex Cardio)

Transmission Method(s): LAN/WLAN

Notes: The ELI Link utility (available from Mortara) is required, and the cardiograph must have the DICOM® option. ELI Link must be configured to retrieve orders from DatamedWL via DICOM Modality Worklist, and to send ECGs to Datamed via DICOM ECG Waveform or Mortara XML files. For Server 2016/2019 the latest version of ELI Link is needed.

Website: www.hillrom.com

Devices: Welch Allyn® CP150 with DICOM option

Transmission Method(s): (W)LAN

Notes: CP150 with optional DICOM capability can communicate bidirectionally with worklist download and ECG waveform upload. Optional wireless radio allows for wireless DICOM communication.

Website: www.hillrom.com

Devices: Burdick® Atria 3100/6100 and 8300/8500 cardiographs

Transmission Method(s): LAN/WLAN

Notes: The cart must have an Ethernet/wireless adapter for communications. Serial/modem connections are not supported. Atria 3000 has no order capability and is only compatible with DatamedFT, not DatamedWL.

Devices: Eclipse™ Premier cardiographs

Transmission Method(s): LAN/WLAN

Notes: The cart must have the Eclipse Wireless Client Bridge (WCB) option. Serial/modem connections are not supported. **IMPORTANT: Order Number is not included in the EKG that is sent from these devices. Some systems (e.g. Epiphany Cardio Server® and GE® MUSE®) can associate and close out the order without the Order Number, but other systems (e.g. McKesson Cardiology™) require Order Number to close out the order. Keep this in mind when planning the order workflow.**

DICOM®

Devices: *Any device that supports DICOM Modality Worklist*

Notes: *Order query will use DICOM MWL. ECGs must be sent as DICOM waveform objects via a C-STORE transaction.*

Edan Instruments, Inc.

Devices: *SE-12 Express, SE-1200 Express, SE-1201, SE-1202, SE-15, SE-1515, SE-16, SE-18, and SL-18 cardiographs*

Transmission Method(s): *Network transmission (LAN+FTP)*

Notes: *The cart should be set to SCP (.scp) output. An FTP server such as the Windows Server® FTP server or the open source program FileZilla is required.* ***IMPORTANT: Order Number is not included in the EKG that is sent from these devices. Some systems (e.g. Baxter Cardio Server® and GE® MUSE®) can associate and close out the order without the Order Number, but other systems (e.g. Change Healthcare Cardiology™) require Order Number to close out the order. Keep this in mind when planning the order workflow.***

Website: *www.edan.com*

Fukuda Denshi

Devices: *FX-8400 cardiographs*

Transmission Method(s): *LAN/WLAN*

Notes: *Communicates using DICOM MWL configuration.*

Website: *www.fukuda.com*

GE® Healthcare

Devices: *MAC® VU360, MAC® 5, MAC® 7, and MAC® 2000 cardiographs*

Transmission Method(s): *LAN/WLAN (DCP/Web)*

Website: *www.gehealthcare.com*

Devices: *MAC® 800, MAC® 2000, MAC® 3500, MAC® 5000, MAC® 5500, and MAC® 5500HD cardiographs*

Transmission Method(s): *LAN/WLAN (CSI)*

Notes: *The Order Manager must be enabled on the cardiograph. The v9 firmware can only query using patient id where v10 can use visit id, but most systems can't handle the Visit ID query.*

Website: *www.gehealthcare.com*

Nihon Kohden® Corporation

Devices: *Cardiofax® S (ECG-1250, ECG-2250, ECG-3250)*

Cardiofax® M (ECG-1350, ECG-2350, ECG-3350)

Cardiofax® V (ECG-1500, ECG-1550)

Cardiofax® G (ECG-2450, ECG-2550)

Transmission Method(s):   *Network transmission (LAN+FTP)*

Notes: *Datamed LLC will supply NK's receiver utility. NK has updated the utility which is not compatible with Server 2016/2019. An FTP server is also required – the open source program FileZilla has been tested.*

Website: *www.nihonkohden.com*

Philips® Healthcare

Devices: *PageWriter® Touch, PageWriter® TC cardiographs*

Transmission Method(s):   *LAN/WLAN*

Website: *www.usa.philips.com*

SCHILLER AG

Devices: *CARDIOVIT® AT-10 plus, AT-102, AT-102 Plus, AT-170, FT-1, AT-102 G2, MS-2007, MS-2010, and MS-2015 cardiographs*

Transmission Method(s):   *LAN/WLAN*

Notes: *These devices have worklist available as an option from SCHILLER. The worklist option in AT-102 also requires the built-in SCM option.*

Website: *www.schiller.ch*

Devices: *CARDIOVIT® CS-104, CS-200, CS-200 Office, CS-200 Touch, and CS-200 Excellence cardiographs*

Transmission Method(s):   *LAN/WLAN*

Notes: *These devices have worklist built-in.*

Website: *www.schiller.ch*

Systems

AGFA HealthCare Corporation

System Name: AGFA HealthCare Enterprise Imaging™

Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.*

Website: global.agfahealthcare.com

Baxter / Hillrom *(Epiphany, Mortara®)*

System Name: Baxter Cardio Server

Notes: *Supports DICOM MWL for order query. DatamedFT™ will be configured to write the ESI format ECG files to the Cardio Server input folder.*

Website: Baxter Cardio Server

System Name: Pyramis®

Notes: *For this system DatamedFT™ will be configured to write the converted ECG files to the system server.*

Carestream Health, Inc.

System Name: Carestream® Cardiology PACS

Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction. In the Storage/Management System Settings set System Type to* ScImage – PicomEnterprise*.*

Website: www.carestream.com

Cerner Corporation (Oracle)

System Name: Powerchart® ECG

Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.*

Website: www.oracle.com/health

Change Healthcare (Optum)

System Name: Change Healthcare Cardiology ECG Management™

Notes: *Supports DICOM MWL for order query. DatamedFT™ will be configured to write the MCK format ECG files to the system server.*

Website: business.optum.com

System Name: McKesson Cardiology ECG Management™

Notes: *For this system DatamedFT™ will be configured to write the MCK format ECG files to the system server.*

DICOM®

System Name: *Any system that supports DICOM Modality Worklist*
Notes: *Order query will use DICOM MWL. ECGs can be sent as DICOM waveform objects via a C-STORE transaction or as a file in any format supported by DatamedFT™.*

Esaote®

System Name: *Suitestensa*
Notes: *For this system DatamedFT™ will be configured to write the ESA format ECG files to the system server. Alternatively the ECGs can be sent as DICOM waveform objects via a C-STORE transaction.*
Website: *www2.esaote.com*

Fujifilm Medical Systems

System Name: *VidiStar® PACS and Online Reporting Software*
Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.*
Website: *www.fujimed.com*
System Name: *Synapse® Cardiovascular*
Notes: *Supports DICOM MWL for order query. DatamedFT™ will be configured to write the ESI format ECG files to the Synapse ECG input folder. Alternatively ECGs can be sent as DICOM waveform objects via a C-STORE transaction.*
Website: *www.fujimed.com*

GE® Healthcare

System Name: *MUSE®*
Notes: *The MUSEAPI3™ option is required and can be installed on v7.1.1 or later.*
Website: *www.gehealthcare.com*

INFINITT Healthcare Co

System Name: *INFINITT Cardiology PACS*
Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.*
Website: *www.infinitt.com*

Intelerad *(formerly LUMEDX Corporation)*

System Name: HealthView ECG Manager

    Notes: Supports DICOM MWL for order query. DatamedFT™ will be configured to write the XML format ECG files to the server.

    Website: www.intelerad.com

Medimatic

System Name: ComPACS™

    Notes: Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.

    Website: www.medimatic.com

Neagen Oy

System Name: Neagen PACS

    Notes: Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.

    Website: www.neagen.com

Novarad® Corporation

System Name: NovaCardio® ECG

    Notes: Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.

    Website: www.novarad.net

Philips® Healthcare

System Name: IntelliSpace® ECG

    Notes: The iECG system must have IntelliBridge Enterprise (IBE), which DatamedWL™ will communicate with directly. DatamedFT™ will be configured to write the XML format ECG files to the IntelliSpace® ECG server.

    Website: www.usa.philips.com

System Name: TraceMasterVue™

    Notes: DatamedWL™ communicates directly with Philips OrderVue™.

    Website: www.usa.philips.com

ScImage®

System Name: *PicomEnterprise™*

Notes: *Supports DICOM MWL for order query. ECGs are sent as DICOM waveform objects via a C-STORE transaction.*

Website: www.scimage.com

Other DICOM systems that should be compatible but have not yet been validated:

ChipSoft BV

System Name: *ChipSoft HiX RMR*

Cordiana Medical Informatics AG

System Name: *Cordiana Dx16 DICOM ECG Viewer/Editor*

Esaote®

System Name: *Suitestensa*

NEXUS Enterprise Diagnostics BV *(formerly RVC BV)*

System Name: *Clinical Assistant*

Sectra Medical

System Name: *Sectra PACS*

VISUS Technology Transfer GmbH

System Name: *JiveX® ECG*

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Fujifilm Medical Systems USA Inc	Synapse
GE Medical Systems Information Technologies, Inc	MAC, MAC VU360, and MUSE
General Electric Company	GE
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