Merge CARDIO™

v. 11.1

IHE INTEGRATION STATEMENT

Merge Healthcare
900 Walnut Ridge Drive
Hartland, WI 53029

IBM Watson Health™

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INDICATIONS FOR USE:

Merge Cardio is a system intended to be used to acquire, store, print, transfer, and archive clinical information from Merge Healthcare and other vendors systems including images, Hemodynamic studies and reports, measurements (via import from DICOM Structured Reporting, text files or optical character recognition of measurements captured on images) and cardiology signal (waveform) data. Merge Cardio is intended to allow users to review diagnostic and non-diagnostic quality images, annotate studies, perform digital subtraction on images, to perform quantitative measurements on images (including but not limited to quantitative coronary analysis, left ventricular analysis, time, area, length, velocity, angle, volume, and velocity-time integrals), to generate physician generated clinical reports (via structure reporting and template based tools), and to store this information in a database.

Merge Cardio is software comprised of modules that perform under standard "off the shelf" personal computers and servers running the Microsoft Windows 2000/2003/XP operating systems.

Merge Cardio is image data storage and display software that accepts DICOM (Digital Imaging and Communications in Medicine) image data files from multiple modalities. It accepts text data using other standards-based formats including but not limited to HL7 and XML.

Merge Cardio is an Internet/Intranet network system that is designed for small and large, multi-user environments. The Merge Cardio network structure (including server and workstations) provides for the system's database management, storage, printing, and all DICOM/HL-7 interface services.

CAUTION: Not for diagnostic use on a mobile device such as a smart phone or a tablet.

CAUTION: U.S. federal law restricts this device to sale by, or on the order of, a physician.

For application support or to report issues with user documentation, contact Customer Support:

- Direct Merge Cardio Support: 866-261-5760

- General Support: 877-741-5369

- Email: MergeSupport@us.ibm.com

- Web site: http://www.merge.com/Solutions/Cardiology/Merge-Cardio.aspx

Manufacturer's Address
Merge Healthcare Incorporated
900 Walnut Ridge Drive
Hartland, WI 53029

Doc #	Revision	Date	Description
VRCS-18621	2.0	11/14/18	Removed CE, AUS, and CA statements.

The latest revision of this document can be found in **Merge Communities**.

IHE Integration Statement		Date
		2018
Vendor	**Product Name**	**Version**
Merge Healthcare	Merge Cardio	11.1
This product is intended to implement all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors, and Options listed below:		
Integration Profiles Implemented	**Actors Implemented**	**Options Implemented**
Scheduled Workflow	Image Manager / Image Archive	
	Performed Procedure Step Manager	
	Image Display	
	Evidence Creator	Creator Performed Procedure Step
Patient Information Reconciliation	Image Manager / Image Archive	
	Performed Procedure Step Manager	
Consistent Presentation of Images	Image Manager / Image Archive	
	Image Display	
	Evidence Creator	
	Print Composer	
Presentation of Grouped Procedures	Image Manager / Image Archive	
	Performed Procedure Step Manager	
Evidence Documents	Image Manager / Image Archive	
	Image Display	
Key Image Note	Image Manager / Image Archive	
	Image Display	
	Evidence Creator	

IBM **Watson Health**.

Simple Image and Numeric Report	Report Repository	
	Report Reader	
	Enterprise Report Repository	
	External Report Repository Access	
Integration Profiles Implemented	**Actors Implemented**	**Options Implemented**
Access to Radiology Information	Image Manager / Image Archive	Multiple Sources
	Report Repository	Multiple Sources
	Image Display	Multiple Sources
	Report Reader	Multiple Sources
	External Report Repository Access	
Nuclear Medicine	Image Manager / Image Archive	
Cardiac Catheterization Workflow	Image Manager / Image Archive	Intermittently Connected Modality Cardiac Cath
	Performed Procedure Step Manager	
Echo Workflow	Image Manager / Image Archive	Echocardiography Intermittently Connected Modality
	Performed Procedure Step Manager	
Evidence Documents - Cardiology	Image Manager / Image Archive	
Retrieve ECG for Display	Display	
Retrieve Information for Display	Display	
Consistent Time	Time Client	
Patient Synchronized Applications	Patient Context Participant	
Portable Data for Imaging	Portable Media Creator	
	Portable Media Importer	
Mammography	Image Manager / Image Archive	

Stress Testing Workflow	Image Manager / Image Archive	
	Performed Procedure Step Manager	
Internet address for vendor's IHE information:		
http://www.merge.com/Support/Resources/IHE-Statements.aspx		
Links to Standards Conformance Statements for the Implementation		
HL7	http://www.merge.com/Support/Resources/HL7-Specs-and-Statements.aspx	
DICOM	http://www.merge.com/Support/Resources/DICOM-Conformance-Statements.aspx	
Links to general information on IHE		
In North America: http://www.ihe.net	In Europe: http://www.ihe-europe.net	In Japan: http://www.ihe-j.org