



# Merge Cardio™

## v. 11.0

### IHE INTEGRATION STATEMENT

Merge Healthcare  
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Hartland, WI 53029

**MERGE**  
An IBM® Company

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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.

**CANADIAN DEVICE IDENTIFIER:** 40030

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>



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Doc #	Revision	Date	Description
VRCS-14570	1.0	4/17/17	Release 11.0.

The latest revision of this document can be found in [Merge Communities](#).

IHE Integration Statement		Date
		2017
Vendor	Product Name	Version
Merge Healthcare	Merge Cardio	11.0
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
<b>Scheduled Workflow</b>	Image Manager / Image Archive	
	Performed Procedure Step Manager	
	Image Display	
	Evidence Creator	Creator Performed Procedure Step
<b>Patient Information Reconciliation</b>	Image Manager / Image Archive	
	Performed Procedure Step Manager	
<b>Consistent Presentation of Images</b>	Image Manager / Image Archive	
	Image Display	
	Evidence Creator	
	Print Composer	
<b>Presentation of Grouped Procedures</b>	Image Manager / Image Archive	
	Performed Procedure Step Manager	
<b>Evidence Documents</b>	Image Manager / Image Archive	
	Image Display	
<b>Key Image Note</b>	Image Manager / Image Archive	
	Image Display	
	Evidence Creator	

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

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