



GE Medical Systems
Kretz Ultrasound

gemedical.com

Integrating the Healthcare Enterprise (IHE) Integration Statement

KTD106023

Revision 5

VOLUSON[®] 730Expert/Pro V 5.x.x

VOLUSON[®] i/e 6.x.x, 7.x.x, 8.x.x

VOLUSON[®] E8 6.x.x, 7.x.x, 9.x.x

VOLUSON[®] E6 9.x.x

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Introduction

Overview

This IHE Integration Statement describes the intended conformance of this GE product with the IHE Technical Framework. The IHE Technical Framework defines a subset of the functional components of the healthcare enterprise, called IHE Actors, and specifies their interactions in terms of a set of coordinated, standards-based transactions. These transactions are organized into functional units called Integration Profiles that highlight their capacity to address specific clinical needs.

Users familiar with these concepts can use Integration Statements as an aid to determine what level of integration this product supports with other systems and what clinical and operational benefits such integration might provide.

Other GE Integration Statements as well as further information on IHE may on be found on internet at: ge.com/ihe

Important Remarks

The use of these IHE Integration Statements, textbfby itself, is not sufficient to ensure that inter-operation will be successful. The user needs to proceed with caution and ensure that a qualified systems' integration address at least four issues:

- **Integration** – The integration of any system into an integrated department or enterprise requires an analysis of the applications requirements. The design of a solution that integrates GE systems with non-GE systems is the user's responsibility and should not be underestimated. Special care should be exercised in defining the expected workflow, the special conditions, and the clinical practice to be supported to ensure a safe and effective operation.
- **Validation** – Testing the complete range of possible interactions between any GE system and non-GE system, before the integration is declared operational, should not be overlooked. Therefore, the user should ensure that any non-GE provider accepts full responsibility for all validation required for their connection with GE systems. This includes the accuracy of the data once it has crossed the interface and the stability of the data for the intended applications. Such a validation is required before any clinical use (diagnosis and/or treatment) is performed.
- **Future Evolution** – GE understands that the IHE Technical Framework and the underlying communication standards will evolve to meet the user's growing requirements. GE is actively involved in the development of the IHE Technical Framework and the underlying standards. Such evolutions may require changes to already installed systems. **In addition, GE reserves the right to discontinue or make changes to the support of communications features (on its products) reflected on by these IHE Integration Statements.** The user should ensure that any non-GE system that connects with GE systems also plans for the future evolution of IHE. Failure to do so will likely result in the loss of function and/or connectivity as the IHE Integration profiles evolve and GE Products are enhanced to support these changes.

IHE Integration Statement

General Electric – IHE Integration Statement		2008-11-18
Vendor	Product Name	Version
GE Medical Systems	Voluson 730	5.x.x
	Voluson i/e	6.x.x, 7.x.x, 8.x.x
	Voluson E8	6.x.x, 7.x.x, 9.x.x
	Voluson E6	9.x.x
This product implements 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	Acquisition Modality	Broad Worklist Patient Based Worklist Query
Patient Information Reconciliation	Acquisition Modality	<i>none</i>
Evidence Documents	Acquisition Modality	<i>none</i>
Access to Radiology Information applies to: VE6 ≥ 9.x.x VE8 ≥ 7.x.x	Image Display	<i>none</i>
Portable Data for Imaging applies to: VE6 ≥ 9.x.x VE8 ≥ 9.x.x	Portable Media Creator	<i>none</i>
Internet address for GE Medical Systems IHE information: http://gemedicalsystems.com/it_solutions/connectivity/ihe.html .		
Links to Standards Conformance Statements for the Implementation:		
HL7: not applicable		
DICOM: http://gemedicalsystems.com/it_solutions/connectivity/dus.html		
Links to general information on IHE:		
In North America: www.rsna.org/ihe	In Europe: www.ihe-europe.org	In Japan: www.jira-net.or.jp/ihe-j