



**Smart Segmentation
Knowledge Based
Contouring
Version 11.0**

IHE Integration Statement



P1000374002

OCTOBER 2012

Abstract The Smart Segmentation Knowledge Based Contouring IHE Integration Statement (P1000374002) describes the intended conformance of Smart Segmentation Knowledge Based Contouring with the IHE Technical Framework.

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▪ International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10). Vols 1-3, Geneva, World Health Organization, 1992.



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Introduction

The Integrating the Healthcare Enterprise (IHE) Integration Statement describes the intended conformance of Smart Segmentation Knowledge Based Contouring with the IHE Technical Framework. The IHE Technical Framework identifies a subset of the functional components of the healthcare enterprise called IHE Actors, and specifies their interactions in terms of a set of standard-based transactions. These transactions are organized into functional units called Integration Profiles that highlight their capacity to address specific clinical needs.

This IHE Integration Statement provides a high-level view of the supported IHE integration profiles.

Important Remarks

The use of these IHE Integration Statements, by itself, it is not sufficient to ensure that inter-operation will be successful. Smart Segmentation Knowledge Based Contouring users must be aware of the issues described in the sections below.

Interoperability

Interoperability refers to the ability of application functions, distributed over two or more systems, to work together successfully. It is the user's responsibility to thoroughly analyze the application requirements and to specify a solution that integrates Smart Segmentation Knowledge Based Contouring with non-Varian equipment.

Validation

Smart Segmentation Knowledge Based Contouring has been carefully tested to assure that the implementation of the IHE Integration Profiles corresponds with this Integration Statement. Where Smart Segmentation Knowledge Based Contouring is linked to non-Varian equipment, the first step is to compare the relevant Integration Statement. If the Integration Statement indicates that successful information exchange should be possible, additional validation tests are necessary to ensure the functionality, performance, accuracy and stability of data.

New Versions of IHE Technical Framework

The IHE Technical Framework will evolve in the future to meet the growing user requirements and to incorporate new features and technologies. Varian Medical Systems is actively involved in the development of the IHE Technical Framework and the underlying standards. Such evolutions may require changes to installed systems. In addition, Varian Medical Systems reserves the right to discontinue or make changes to the support of the communications features (in Varian products) reflected by these IHE Integration Statements. The user should ensure that any non-Varian system that connects with Smart Segmentation Knowledge Based Contouring also has plans for the future evolution of the IHE. Failure to do so is likely to result in the loss of functionality and/or connectivity as the IHE Integration profiles evolve and Smart Segmentation Knowledge Based Contouring is enhanced to support these changes.

Integration Statement

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.

IHE Integration Statement			
Vendor	Product Name	Version	Date
Varian Medical Systems	Smart Segmentation Knowledge Based Contouring	11.0	October 2012
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	
Multi-Modality Registration in Radiation Oncology (II)	Registrar	Spatial Registration-II Retrieval	
	Registered Contourer	Not applicable	
	Registered Display	Not applicable	
Internet address for the vendor's IHE information: https://www.varian.com/oncology/service-education/interoperability/ihe-statements			
Links to Standards Conformance Statements for the Implementation			
HL7	Not Applicable		
DICOM	https://www.varian.com/oncology/service-education/interoperability/dicom-conformance-statements		
Links to general information on IHE			
North America: https://www.rsna.org/ihe.aspx	Europe: www.ihe-europe.net	Japan: www.jira-net.or.jp/ihe-j	