



**Smart Segmentation
Knowledge Based
Contouring
Version 13.6** IHE Integration Statement



P1016011-001-A

JUNE 2015

Abstract The Smart Segmentation Knowledge Based Contouring IHE Integration Statement (P1016011-001-A) describes the intended conformance of Smart Segmentation Knowledge Based Contouring with the IHE Technical Framework.

Manufacturer and European Representative

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▪ International Classification of Diseases for Oncology, (ICD-0) 3rd edition, Geneva, World Health Organization, 2000.

ICD-10 codes and terms used by permission of WHO, from:
▪ 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 | 13.6 | June 2015 |
| 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 | |