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Medical and Dental Imaging Solutions

HULBERT *Imaging*

Carestream Dental CS9600 OPG/CBCT System

IHE Integration Statement

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Introduction

1.1 Overview

The Integrating the Healthcare Enterprise (IHE) Integration Statement specifies the Integration Profiles, its Actors, and Options, HULBERT Imaging has chosen for implementing in this product.

This document helps the reader to investigate whether and to what extent interoperability with other products might be supported.

The IHE Technical Framework identifies a subset of the functional components of the healthcare enterprise and specifies their interactions in terms of a set of coordinated transactions. The actors and transactions described in the IHE Technical Framework are abstractions of the real-world healthcare information system environment. While some of the transactions are traditionally performed by specific product categories (e.g., RIS, PACS, or modalities), the IHE Technical Framework intentionally avoids associating functions or actors with such product categories. For each actor, the IHE Technical Framework defines only those functions associated with integrating information systems. The IHE definition of an actor should therefore not be taken as the complete definition of any product that might implement it, nor should the framework itself be taken as the complete definition of a healthcare information system architecture.

This IHE Integration Statement provides the reader with a high-level view of supported IHE integration profiles. For further investigations, additional information can be found in the IHE Technical Framework.

1.2 Important Note to the Reader

This IHE Integration Statement by itself does not guarantee successful interoperability of this Carestream Dental product with other products. The user should be aware of the following issues:

Interoperability

Interoperability refers to the ability of application functions, distributed over two or more systems, to work successfully together. It is the user's responsibility to analyse thoroughly the application requirements and to specify a solution that integrates Carestream Dental equipment with non-Carestream Dental equipment.

Validation

Where Carestream Dental equipment is linked to any other 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 will be necessary to ensure the functionality, performance, accuracy and stability of image and image related data. It is the responsibility of the user (or user's agent) to specify the appropriate test suite and to carry out the additional validation tests.

New versions of the IHE Technical Framework

The IHE Technical Framework will evolve in future to meet the user's growing requirements and to incorporate new features and technologies. HULBERT Imaging is monitoring this evolution and plans to adapt its equipment to future versions of the IHE Technical Framework.

The user should ensure that any non-Carestream Dental provider linking to Carestream Dental equipment also adapts to future versions of the IHE Technical Framework. If not, the incorporation of IHE enhancements into Carestream Dental equipment may lead to loss of connectivity (in case of networking).

1.3 General Acronyms and Abbreviations

The following acronyms and abbreviations are used in the document.
- Actor   An entity within a use case that performs an action
- DICOM   Digital Imaging and Communication in Medicine
- HL7   Health Level 7
- IHE   Integrating the Healthcare Enterprise
- PACS   Picture Archiving and Communication System
- RIS   Radiology Information System
- RSNA   Radiological Society of North America

IHE Integration Statement			
Vendor	**Product Name**	**Version**	**Date**
HULBERT Imaging	Carestream Dental CS9600	v1.0	20-06-22

This product implements all transactions required in the IHE Technical Framework to support the IHE profiles, actors and options listed below.

Integration Profile	Actor	Integration Profile Option
AI Workflow for Imaging	Image Manager	None
AI Workflow for Imaging	Task Performer	None
AI Workflow for Imaging	Task Requester	None
Consistent Time	Time Client	None
Post-Acquisition Workflow	Image Manager/Image Archive	None
Portable Data for Imaging	Image Display	None
Portable Data for Imaging	Portable Media Creator	None
Scheduled Workflow	Image Display	None
Scheduled Workflow	Image Manager/Image Archive	None
Scheduled Workflow	Acquisition Modality	None
Scheduled Workflow	Performed Procedure Step Manager	None

Internet address for vendor's IHE information: www.hulbertimaging.co.uk/IHE

Links to Standards Conformance Statements for the Implementation

HL7	N/A
DICOM	www.hulbertimaging.co.uk/IHE

Links to general information about IHE worldwide: http://ihe.net/IHE_Worldwide