



Kodak DirectView Web Software

Version 5.2

DICOM Conformance Statement

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1 Introduction

1.1 *Kodak DirectView* Web Software

Kodak DirectView Web Software (Web Software) is an access engine for medical imaging related data. The application provides a flexible and reliable method for sharing medical information. Whether you are a radiologist on call, a practitioner in a clinic, or any other health care provider, it delivers to you all the information needed to make your work easier and more efficient.

The World Wide Web is a global information system for the distribution of files, viewing of documents and the execution of network applications (called applets) via the Internet.

The Web Software uses the World Wide Web to provide a comprehensive, robust, platform-independent solution to the problem of Medical Image and data distribution over the Internet and other complex networks. This is achieved by using the Java network language which features portability, security and advanced networking, without compromising performance.

The Web Software communication is based on the DICOM 3.0 standard. This enables the Server to communicate with any DICOM 3.0 compliant products (e.g., scanners, workstations, hardcopy units). The Server can function both as a DICOM server and as a DICOM client. Thus it can send and retrieve images from other stations, and other stations can retrieve and send images to and from the Server. Images are transferred in the DICOM 3.0 protocol based on TCP/IP as a transport layer.

1.2 About this Document

This document provides the DICOM Conformance Statement for the Web Software implementation of the DICOM-3.0 standard. Conformance Statement defines the subset of options selected from those offered by the DICOM 3.0 standard. Copies of the DICOM 3.0 standard may be obtained by written request or phone by contacting:

NEMA
Suite 1847
1300 North 17th Street
Rosslyn, VA 22209 USA
Phone: (703) 841-3285

It is assumed that the reader of this document is familiar with the DICOM 3.0 standard and with the terminology and concepts which are used in the standard.

1.3 Important Remarks

The use of this Conformance Statement, in conjunction with the DICOM 3.0 standard, is intended to facilitate communication with the Web Software server. However, by itself, it is not sufficient to ensure that inter-operation will be successful. Proceed with caution and be aware of at least the following issues:

It is the user's responsibility to analyze the applications requirements and to design a solution that integrates the server properly with the network. The integration of any DICOM compliant device into an existing network goes beyond the scope of the standard.

Testing the complete range of possible interactions between the server and other devices should not be overlooked by the user. This includes the accuracy of the image data once it has crossed the interface between the server and the other device, and the suitability of the image data for the intended applications. Such a validation is required before any clinical use is performed.

Evolution of the DICOM 3.0 standard may require changes to devices which have implemented it, such as the Web Software server. The user should ensure that other DICOM products in the network are also updated as the standard evolves.

If the user encounters unspecified private data elements while parsing a data set coming from the server, the user is well advised to ignore those data elements (per the DICOM 3.0 standard). Unspecified private data element information is subject to change without notice.

2 Implementation Model

The Web Software uses the DICOM protocol to enable the following functions:

- Access to its database
- Loading an image to its memory

The Web Software also uses the DICOM protocol to implement the following services:

- Query remote databases
- Retrieve images from remote databases

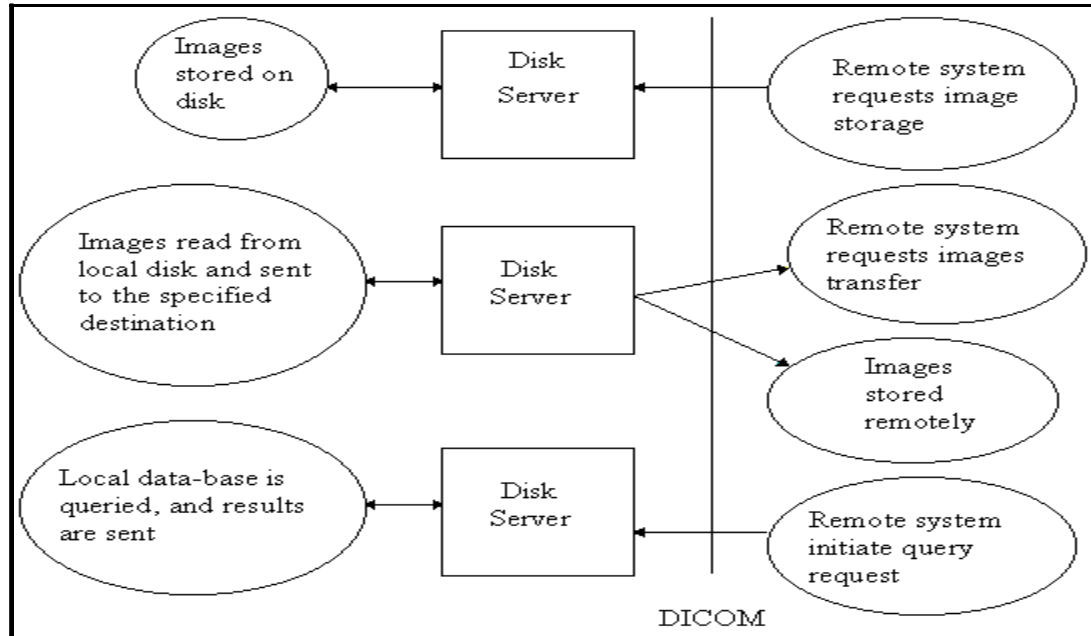
2.1 Application Data Flow Diagrams

The Web Software implements and provides DICOM services using the following Application Entities:

- Disk Server
- Memory Server
- Web Software Server
- Memory Manager

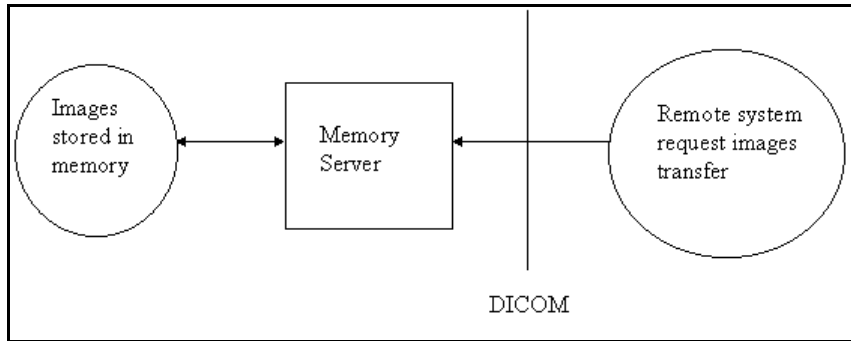
2.1.1 Disk Server

This Application Entity (AE) is the interface to the database of the stored images on the local hard disk. This Service Class Provider (SCP) provides DICOM Storage and Query-Retrieve services. The following shows an illustration of Disk Server activities.



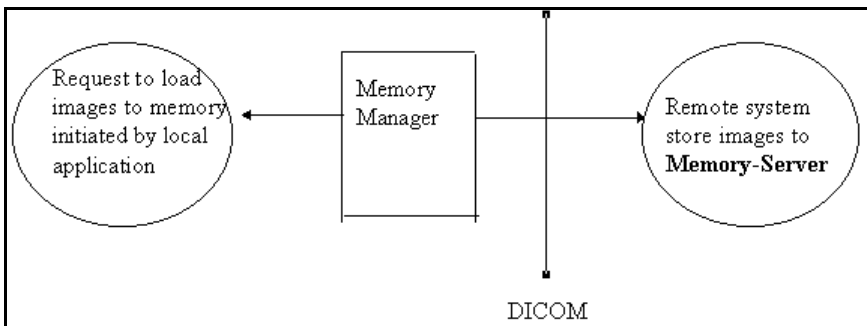
2.1.2 Memory Server

This AE serves as the interface to the system's memory by providing the DICOM Storage service. It is used by the system to load images to its own memory. The Web Software assigns this AE as the target AE of C-MOVE requests it issues when loading images from remote systems. The following shows an illustration of Memory Server activities.



2.1.3 Memory Manager

This AE is an SCU used to load images to the system's memory from remote databases. The following shows an illustration of Memory Manager activities.



2.2 Functional Definitions of AE

2.2.1 Disk Server

Disk Server waits for another application to connect at the presentation address configured for its AE title. Disk Server will accept associations with Presentation Contexts for Service Object Pair (SOP) classes of the Storage, Query-Retrieve (C-MOVE and C-FIND only) and Verification Service Classes.

When performing a Storage Service Class, Disk Server will receive images and store them into the system's disk.

When performing Query-Retrieve Service Class (C-FIND), Disk Server will query its database according to the request's parameters, and will send the results to the issuer.

When performing Query-Retrieve Service Class (C-MOVE), Disk Server will issue a C-STORE (to the target AE) for every image in the request.

2.2.2 Memory Server

Memory Server waits for another application to connect at the presentation address configured for its AE title. Memory Server will accept associations with Presentation Contexts for SOP classes of the Storage and Verification Service Classes. It will receive images on these Presentation Contexts and load them into the system's memory.

2.2.3 Web Software Server

The Web Software enables the user to perform queries using the DICOM protocol. It lets the user select from a list of devices. It uses a configuration file to associate each device with a DICOM Application Entity. Through the Web Software, the user can initiate the following activities:

- Establish an association with a remote AE
- Release an association with a remote AE
- Query for studies (using the Study Root model)
- Query for series (using the Study Root model)
- Query for images (using the Study Root model)

2.2.4 Memory Manager

The Memory Manager is responsible for loading images into memory. The Memory Manager gets requests from local image processing and display applications to load images to the memory. It performs these requests using the Query-Retrieve Service Class (C-MOVE only). The Memory Manager can perform the following activities:

- Establish an association with a remote AE
- Release an association with a remote AE
- Issue a C-MOVE request (using the Study Root model) where the target AE is Memory Server

2.3 Sequencing of Real World Activities

Not applicable.

3 AE Specifications

3.1 Disk Server Specifications

Disk Server provides Standard Conformance to the following DICOM 3.0 SOP Classes as an SCU and as an SCP:

SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
CT Image Storage	1.2.840.10008.5.1.4.1.1.2

SOP Class Name	SOP Class UID
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128
Patient Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.1.1
Patient Root Q/R Information Model – MOVE	1.2.840.10008.5.1.4.1.2.1.2
Study Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.2.1
Study Root Q/R Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30

SOP Class Name	SOP Class UID
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66
Presentation LUT	1.2.840.10008.5.1.4.1.1.23
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65
Grayscale Softcopy Presentation State	1.2.840.10008.5.1.4.1.1.11.1
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.129

3.1.1 Association Establishment Policies

3.1.1.1 General

The maximum Protocol Data Unit (PDU) size that the Disk Server will use is 32K byte.

3.1.1.2 Number of Associations

The number of simultaneous associations that will be accepted by Disk Server is limited only by the kernel parameters of the underlying TCP/IP implementation. Disk Server will spawn a new process for each connection request it receives. Therefore, Disk Server can

have multiple simultaneous connections, and there are no inherent limitations on the number of simultaneous associations that the Application Entity represented by Disk Server can maintain.

3.1.1.3 Asynchronous Nature

Disk Server will only allow a single outstanding operation on an association. Therefore Disk Server will not perform asynchronous operations window negotiation.

3.1.1.4 Implementation Identifying Information

Disk Server provides a single Implementation Class Unique Identifier (UID) which is 1.2.840.113704.7.0.2. The Application Context Name is 1.2.840.10008.3.1.1.1.

3.1.2 Association Initiation by Real World Activity

Disk Server initiates an association as part of an execution of a C-MOVE command.

3.1.2.1 Remote System Requests Image Transfer

A remote system requests image transfer from Disk Server by sending C-MOVE Command.

3.1.2.1.1 Associated Real World Activity

The Real World activity associated with the C-MOVE command is retrieval of images from the disk and storage of the images to a remote system using a C-STORE command.

3.1.2.1.2 Proposed Presentation Contexts

All the Presentation Contexts shown in [Table 1](#) are proposed by Disk Server.

For each of the specified Presentation Context, it is possible (needs special configuration) to add the following transfer syntax:

JPEG Lossless configuration:

- JPEG Lossless, Non-Hierarchical (Process 14) - 1.2.840.10008.1.2.4.57
- JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1]) - 1.2.840.10008.1.2.4.70

JPEG Lossy configuration:

- JPEG Baseline (Process 1) 1.2.840.10008.1.2.4.50
- JPEG Extended (Process 2 & 4) 1.2.840.10008.1.2.4.51

JPEG 2000 Configuration

- JPEG 2000 Image Compression (Lossless Only) 1.2.840.10008.1.2.4.90
- JPEG 2000 Image Compression 1.2.840.10008.1.2.4.91

Table 1: Proposed Presentation Contexts for Disk Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Presentation LUT	1.2.840.10008.5.1.1.23	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Mammography CAD SR	1.2.840.10008.5.1.4.1.188.50	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.129	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.1.2.1.2.1 SOP Specific Conformance Statement for Storage SOP Class

Disk Server provides standard conformance to the DICOM 3.0 Storage Service Class as an SCU for the following SOP Classes:

SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128
Patient Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.1.1
Patient Root Q/R Information Model – MOVE	1.2.840.10008.5.1.4.1.2.1.2
Study Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.2.1
Study Root Q/R Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5

SOP Class Name	SOP Class UID
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.1.29
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.1.30
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66
Presentation LUT	1.2.840.10008.5.1.4.1.1.23
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65
Grayscale Softcopy Presentation State	1.2.840.10008.5.1.4.1.1.11.1
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.129

Multiple C-STORE operations can be performed over a single association.

Upon receiving a C-STORE confirmation containing a successful status, this implementation will perform the next C-STORE operation. The association will be maintained if possible.

Any unsuccessful status, returned in the C-STORE confirmation, results in termination of the association over which the C-STORE has been sent, reporting of the error to the system log file, and returning of a status code of A702 (“Refused”) in the C-MOVE confirmation.

There are no time-outs implemented in this process.

3.1.2.1.2.2 SOP Specific Conformance for Grayscale Presentation State Storage as SCU

The DICOM Server provides standard conformance to the DICOM V3.0 Grayscale Presentation State as an SCU. The Monochrome Image Storage SOP classes in [Table 2](#) may be referenced by instances of Grayscale Softcopy Presentation State.

Table 2: Monochrome Image Storage SOP Classes

SOP Class Name	SOP Class UID
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128

3.1.3 Association Acceptance Policy

Disk Server places no limitations on the number of simultaneous connections it will support. However, it is possible to control connections to Disk Server during the system configuration process.

3.1.3.1 Remote System Requests Verification

A remote system requests verification from the Disk Server using the C-ECHO command.

3.1.3.1.1 Associated Real World Activity

The Disk Server performs the Verification Service Class by responding with C-ECHO-RSP.

3.1.3.1.2 Presentation Context Table

Any of the Presentation Contexts shown in [Table 3](#) are acceptable to the Disk Server.

Table 3: Acceptable Presentation Contexts for Disk Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Verification	1.2.840.10008.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.1.3.1.2.1 SOP Specific Conformance to Verification SOP Class

Disk Server provides standard conformance to the DICOM 3.0 Verification Service Class as an SCP for the Verification SOP Class, UID=1.2.840.10008.1.1.

3.1.3.1.3 Transfer Syntax Selection Policies

Disk Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

3.1.3.2 Remote System Requests Image Storage

A remote system requests image storage from Disk Server using the C-STORE command.

3.1.3.2.1 Associated Real World Activity

The Real World activity associated with the C-STORE operation is the storage of the image in the disk. Disk Server will issue a failure status if it is unable to store the image in the disk.

3.1.3.2.2 SOP Specific Conformance for Grayscale Presentation State Storage as SCU

Any of the Presentation Contexts shown in Table 2.3 are acceptable to the Disk Server.

3.1.3.2.2.1 SOP Specific Conformance to Storage SOP Class

Disk Server provides standard conformance to the DICOM 3.0 Storage Service Class as an SCP for the following SOP Classes:

Table 4:

SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128
Patient Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.1.1
Patient Root Q/R Information Model – MOVE	1.2.840.10008.5.1.4.1.2.1.2
Study Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.2.1

SOP Class Name	SOP Class UID
Study Root Q/R Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.129

Disk Server conforms to the SOPs of the Storage Service Class at Level 2 (Full).

In case of a successful C-STORE, the stored image may be accessed by the Disk Server.

The user of the server, who can delete any image using the Archive Manager application, determines the duration of the storage. An auto-delete mechanism can be utilized to remove the least recently accessed images to make room for new images. This mechanism is optional and is controlled by user configurable parameters.

Disk Server will not coerce any attribute except for the following: pixel data (0x7FE0, 0x0010) of type OW is converted to OB when bits allocated (0x0028, 0x0100) equal 8.

If the Disk Server returns one of the following status codes, it means that the C-STORE has been unsuccessful:

A700: General refusal status, and out of disk space.

B000: General warning status.

C000: General failure status.

Recovery from this condition is the responsibility of the Disk Server.

3.1.3.2.2.2 DICOM Server Standard Conformance

The DICOM Server provides standard conformance to the DICOM V3.0 Grayscale Presentation State as an SCP. The Monochrome Image Storage SOP classes in Table 3 may be referenced by instances of Grayscale Presentation State.

Table 5: DICOM Server Standard Conformance

SOP Class Name	SOP Class UID
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128

3.1.3.2.3 Presentation Context Acceptance Criterion

Disk Server will accept any Presentation Context from [Table 6](#).

Table 6: Acceptable Presentation Contexts for Disk Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Lossless, Non- Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Lossless, Non- Hierarchical, First- Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Lossless, Non- Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Lossless, Non- Hierarchical, First- Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Explicit VR	1.2.840.10008.1.2.2	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.2	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.2	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Lossless, Non- Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Lossless, Non- Hierarchical, First- Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.88.59	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Key Object Selection Document	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.481.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Dose Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.481.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Structure Set Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Beams Treatment Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.481.5	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Plan Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.481.6	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Brachy Treatment Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.481.7	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
RT Treatment Summary Record Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Hardcopy Color Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Hardcopy Color Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.88.11	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Basic Text SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.88.33	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Comprehensive SR Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.8	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Standalone Overlay Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.9	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Standalone Curve Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.10	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Standalone Modality LUT Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.11	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Standalone VOI LUT Storage	1.2.840.10008.5.1.4.1.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
12-lead ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
General ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Ambulatory ECG Waveform Storage	1.2.840.10008.5.1.4.1.1.9.1.3	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Hemodynamic Waveform Storage	1.2.840.10008.5.1.4.1.1.9.2.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Cardiac Electrophysiology Waveform Storage	1.2.840.10008.5.1.4.1.1.9.3.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Basic Voice Audio Waveform Storage	1.2.840.10008.5.1.4.1.1.9.4.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG Lossless, Non- Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG Lossless, Non- Hierarchical, First- Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Multi-frame Single Bit Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Multi-frame True Color Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
MR Spectroscopy Storage	1.2.840.10008.5.1.4.1.1.4.2	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Enhanced MR Image Storage	1.2.840.10008.5.1.4.1.1.4.1	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Raw Data Storage	1.2.840.10008.5.1.4.1.1.66	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Presentation LUT	1.2.840.10008.5.1.4.1.1.23	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Mammography CAD SR	1.2.840.10008.5.1.4.1.1.88.50	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Chest CAD SR	1.2.840.10008.5.1.4.1.1.88.65	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90	SCP	None
Stand-alone PET Curve Storage	1.2.840.10008.5.1.4.1.1.12 9	JPEG 2000 Image Compression	1.2.840.10008.1.2.4.91	SCP	None

3.1.3.2.4 Transfer Syntax Selection Policies

Disk Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

If configured to accept JPEG Transfer Syntaxes (1.2.840.10008.1.2.4.50, 1.2.840.10008.1.2.4.51, 1.2.840.10008.1.2.4.57, 1.2.840.10008.1.2.4.70) then it will apply the following priorities to the choice of Transfer Syntax:

JPEG Lossless configuration:

- JPEG Lossless, Non-Hierarchical (Process 14)
- JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])
- DICOM Explicit VR Little Endian
- DICOM Explicit VR Big Endian
- DICOM Implicit VR Little Endian (Default)

JPEG Lossy configuration:

- JPEG Baseline (Process 1)
- JPEG Extended (Process 2 & 4)
- DICOM Explicit VR Little Endian
- DICOM Explicit VR Big Endian
- DICOM Implicit VR Little Endian (Default)

3.1.3.3 Remote System Requests Image Transfer

A remote system requests image transfer from Disk Server using the C-MOVE command.

3.1.3.3.1 Associated Real World Activity

The Real World activity associated with the C-MOVE command is retrieval of images from the disk and storage of the images to a remote system using a C-STORE command.

Disk Server will issue a failure status if it is unable to process the transfer request.

3.1.3.3.2 Presentation Context Table

Any of the Presentation Contexts shown in [Table 7](#) is acceptable to the Disk Server:

Table 7: Acceptable Presentation Contexts for Disk Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Study Root MOVE	1.2.840.10008.5.1.4.1.2.2.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Study Root MOVE	1.2.840.10008.5.1.4.1.2.2.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Study Root MOVE	1.2.840.10008.5.1.4.1.2.2.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None

3.1.3.3.2.1 SOP Specific Conformance to Study Root MOVE

Disk Server provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCP for the following SOP Class: Study Root Query/Retrieve Information Model - MOVE, UID=1.2.840.10008.5.1.4.1.2.2.2.

Prioritization of C-MOVE requests is not supported.

Disk Server does not support relational C-MOVE requests.

All images requested in the C-MOVE will be sent over a single association (the association will not be established and torn down for each image).

If Disk Server returns one of the following status codes, it means that the C-MOVE has been unsuccessful:

A801: Refused. Move destination unknown.

A700: General refusal status.

B000: General warning status.

C000: General failure status.

3.1.3.3.3 Transfer Syntax Selection Policies

Disk Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

3.1.3.4 Remote System Initiates Query Request

A remote system initiates query request using the C-FIND command.

3.1.3.4.1 Associated Real World Activity

The Real World activity associated with the C-FIND command is an examination of the disk content. Disk Server will issue a failure status if it is unable to process the query request.

3.1.3.4.2 Presentation Context Table

Any of the Presentation Contexts shown in [Table 8](#) is acceptable to the Disk Server:

Table 8: Acceptable Presentation Contexts for Disk Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Study Root FIND	1.2.840.10008.5.1.4.1.2.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.1.3.4.2.1 SOP Specific Conformance to Study Root FIND

Disk Server provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCP for the following SOP Class: Study Root Query/Retrieve Information Model - FIND, UID=1.2.840.10008.5.1.4.1.2.2.1.

Disk Server does not support Relational Search.

All Required (R) and Unique (U) Study, Series and Image level keys for the Study Root Query/Retrieve Information Model are supported. Disk Server supports the following optional keys:

Study level optional keys:

- Study Description (0008,1030)
- Patient's Birth Date (0010,0030)
- Series level optional keys
- Series Data (0008,0021)
- Series Time (0008,0031)

Image level optional keys:

- Frame Of Reference UID (0020,0052)
- SOP Class UID (0008,0016)
- Image Date (0008,0023)
- Image Time (0008,0033)
- Image Type (0008,0008)
- Instance Creation Date (0008,0012)
- Instance Creation Time (0008,0013)
- Slice Location (0020,1041)
- Rows (0028,0010)

-
- Columns (0028,0011)
 - Contrast Bolus Agent (0018,0010)
 - Bits Allocated (0028,0100)
 - Samples Per Pixel (0028,0002)
 - Number Of Frames (0028,0008)
 - Photometric Interpretation (0028,0004)
 - Icon Image (0088,0200)

Unsupported fields will not be returned in the C-FIND response.

C-FIND-CANCEL is supported. However, some C-FIND responses may be forwarded before the C-FIND-CANCEL takes effect.

If Disk Server returns one of the following status codes, it means that the C-FIND has been unsuccessful:

A700: General refusal status.

B000: General warning status.

C000: General failure status.

3.1.3.4.3 Transfer Syntax Selection Policies

Disk Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

3.2 Memory Server Specifications

Memory Server provides Standard Conformance to the following DICOM 3.0 SOP Classes as an SCU:

SOP Class Name	SOP Class UID
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128
Patient Root Q/R Information Model – MOVE	1.2.840.10008.5.1.4.1.2.1.2
Study Root Q/R Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1

SOP Class Name	SOP Class UID
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5

3.2.1 Association Establishment Policies

3.2.1.1 General

The maximum PDU size that the Memory Server will use is 32K byte.

3.2.1.2 Number of Associations

The number of simultaneous associations that will be accepted by Memory Server is limited only by the kernel parameters of the underlying TCP/IP implementation. Memory Server will spawn a new process for each connection request it receives. Therefore, Memory Server can have multiple simultaneous connections, and there are no inherent limitations on the number of simultaneous associations that the Application Entity represented by Memory Server can maintain.

3.2.1.3 Asynchronous Nature

Memory Server will only allow a single outstanding operation on an association. Therefore Memory Server will not perform asynchronous operations window negotiation.

3.2.1.4 Implementation Identifying Information

Memory Server provides a single Implementation Class UID which is 1.2.840.113704.7.0.2. The Application Context Name is 1.2.840.10008.3.1.1.1.

3.2.2 Association Initiation by Real World Activity

Memory Server never initiates an association.

3.2.3 Association Acceptance Policy

Memory Server places no limitations on the number of simultaneous connections it will support. However, it is possible to control connections to Memory Server during the server's configuration process.

3.2.3.1 Remote System Requests Verification

A remote system requests verification from Memory Server using the C-ECHO command.

3.2.3.1.1 Associated Real World Activity

Memory Server performs the Verification Service Class by responding with C-ECHO-RSP.

3.2.3.1.2 Presentation Context Table

Any of the Presentation Contexts shown in [Table 9](#) is acceptable to Memory Server:

Table 9: Acceptable Presentation Contexts for Memory Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Verification	1.2.840.10008.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.2.3.1.2.1 SOP Specific Conformance to Verification SOP Class

Memory Server provides standard conformance to the DICOM 3.0 Verification Service Class as an SCP for the Verification SOP Class, UID=1.2.840.10008.1.1.

3.2.3.1.3 Transfer Syntax Selection Policies

Memory Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

3.2.3.2 Remote System Requests Image Transfer

A remote system requests image transfer from Memory Server, as a result of a C-MOVE command issued by the Memory Manager.

3.2.3.2.1 Associated Real World Activity

The Real World activity associated with the C-STORE operation is the storage of the image in the memory of the system upon which Memory Server is running. Memory Server will issue a failure status if it is unable to store the image in the memory.

3.2.3.2.2 Presentation Context Table

Any of the Presentation Contexts shown in Table 11 is acceptable to the Memory Server:

3.2.3.2.2.1 SOP Specific Conformance to Verification SOP Class

Memory Server provides standard conformance to the DICOM 3.0 Storage Service Class as an SCP for the following SOP Classes:

SOP Class Name	SOP Class UID
CT Image Storage	1.2.840.10008.5.1.4.1.1.2
MR Image Storage	1.2.840.10008.5.1.4.1.1.4
Nuclear Medicine Image Storage	1.2.840.10008.5.1.4.1.1.20
Computed Radiography Image Storage	1.2.840.10008.5.1.4.1.1.1
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7
Ultrasound Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.3
Ultrasound Multi-Frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1
Ultrasound Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.6
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1
X-Ray Angiographic Image Storage	1.2.840.10008.5.1.4.1.1.12.1
X-Ray Radiofluoroscopic Image Storage	1.2.840.10008.5.1.4.1.1.12.2
Digital X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.1
Digital X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.1.1

SOP Class Name	SOP Class UID
Digital Mammography X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.2
Digital Mammography X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.2.1
Digital Intra Oral X-Ray Image Storage for Presentation	1.2.840.10008.5.1.4.1.1.1.3
Digital Intra Oral X-Ray Image Storage for Processing	1.2.840.10008.5.1.4.1.1.1.3.1
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5

Memory Server conforms to the SOPs of the Storage Service Class at Level 2 (Full). In case of a successful C-STORE, the stored image may be accessed by the Memory Manager.

The user determines the duration of the storage.

Recovery from this condition is the responsibility of the Memory Manager.

If Memory Server returns one of the following status codes, it means that the C-STORE has been unsuccessful:

A700: General refusal status

B000: General warning status

C000: General; failure status

3.2.3.2.3 Presentation Context Acceptance Criterion

Memory Server will accept any Presentation Context from [Table 10](#).

Table 10: Acceptable Presentation Contexts for Memory Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
CT Image	1.2.840.10008.5.1.4.1.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MR Image	1.2.840.10008.5.1.4.1.1.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
NM Image	1.2.840.10008.5.1.4.1.1.20	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
NM Image	1.2.840.10008.5.1.4.1.1.20	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
CR Image	1.2.840.10008.5.1.4.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
SC Image	1.2.840.10008.5.1.4.1.1.7	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
XA Image	1.2.840.10008.5.1.4.1.1.12.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RF Image	1.2.840.10008.5.1.4.1.1.12.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Image	1.2.840.10008.5.1.4.1.1.6.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Image (Retired)	1.2.840.10008.5.1.4.1.1.6	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Multi Frame Image	1.2.840.10008.5.1.4.1.1.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
US Multi Frame Image (Retired)	1.2.840.10008.5.1.4.1.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.2	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
DX Image for Presentation	1.2.840.10008.5.1.4.1.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2.2	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
DX Image for Processing	1.2.840.10008.5.1.4.1.1.1.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MG Image for Presentation	1.2.840.10008.5.1.4.1.1.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
MG Image for Processing	1.2.840.10008.5.1.4.1.1.1.2.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
IO Image for Presentation	1.2.840.10008.5.1.4.1.1.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
IO Image for Processing	1.2.840.10008.5.1.4.1.1.1.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
RT Image Storage	1.2.840.10008.5.1.4.1.1.481.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Endoscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
VL Slide Coordinates Microscopic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
X-Ray Angiographic Bi-Plane Image Storage	1.2.840.10008.5.1.4.1.1.12.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Positron Emission Tomography	1.2.840.10008.5.1.4.1.1.128	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Hardcopy Grayscale Image Storage	1.2.840.10008.5.1.1.29	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Hardcopy Color Image Storage	1.2.840.10008.5.1.1.30	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-Frame Grayscale Byte Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Multi-Frame Grayscale Word Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.3	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Visible Light Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None
Visible Light Multi-Frame Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.77.2	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Extended (Process 2 & 4)	1.2.840.10008.1.2.4.51	SCP	None
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Lossless, Non-Hierarchical (Process 14)	1.2.840.10008.1.2.4.57	SCP	None

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Nuclear Medicine Image Storage (Retired)	1.2.840.10008.5.1.4.1.1.5	JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])	1.2.840.10008.1.2.4.70	SCP	None

3.2.3.2.4 Transfer Syntax Selection Policies

Memory Server prefers an explicit Transfer Syntax encoding. If offered a choice of Transfer Syntax in a Presentation Context, it will apply the following priorities to the choice of Transfer Syntax:

- DICOM Explicit VR Big Endian
- DICOM Explicit VR Little Endian
- DICOM Implicit VR Little Endian (Default)

If configured to accept JPEG Transfer Syntaxes (1.2.840.10008.1.2.4.50, 1.2.840.10008.1.2.4.51, 1.2.840.10008.1.2.4.57, 1.2.840.10008.1.2.4.70) then it will apply the following priorities to the choice of Transfer Syntax:

JPEG Lossless configuration:

- JPEG Lossless, Non-Hierarchical (Process 14)
- JPEG Lossless, Non-Hierarchical, First-Order Prediction (Process 14 [Selection Value 1])
- DICOM Explicit VR Little Endian
- DICOM Explicit VR Big Endian
- DICOM Implicit VR Little Endian (Default)

JPEG Lossy configuration:

- JPEG Baseline (Process 1)
- JPEG Extended (Process 2 & 4)
- DICOM Explicit VR Little Endian
- DICOM Explicit VR Big Endian
- DICOM Implicit VR Little Endian (Default)

3.3 Web Software Specifications

The Web Software provides Standard Conformance to the following DICOM 3.0 SOP Classes as an SCU:

SOP Class Name	SOP Class UID
Study Root Q/R Information Model - FIND	1.2.840.10008.5.1.4.1.2.2.1
Patient/Study Only Query/Retrieve Information Model - FIND	1.2.840.10008.5.1.4.1.2.3.1

3.3.1 Association Establishment Policies

3.3.1.1 General

The maximum PDU size that the Web Software will use is 32K byte.

3.3.1.2 Number of Associations

The Web Software can have multiple simultaneous connections. The maximal number of simultaneous associations that will be initiated by the Web Software is limited by the configuration of the server. The Web Software will not initiate more than one association per each AE configured as an SCP in the Web Software.

3.3.1.3 Asynchronous Nature

The Web Software will only allow a single outstanding operation on an association. Therefore, the Web Software will not perform asynchronous operations window negotiation.

3.3.1.4 Implementation Identifying Information

The Web Software provides a single Implementation Class UID which is 1.2.840.113704.7.0.2. The Application Context Name is 1.2.840.10008.3.1.1.1.

3.3.2 Association Initiation by Real World Activity

3.3.2.1 User Clicks on a Device Icon

3.3.2.1.1 Associated Real World Activity

The Web Software initiates an association when the user selects a device.

3.3.2.1.2 Proposed Presentation Contexts

All the Presentation Contexts shown in [Table 11](#) are proposed by the Web Software:

Table 11: Proposed Presentation Contexts for the Web Software:

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Study Root FIND	1.2.840.10008.5.1.4.1.2.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Patient/Study Only Query/Retrieve Information Model - FIND	1.2.840.10008.5.1.4.1.2.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.3.2.1.2.1 SOP Specific Conformance Statement for Study Root FIND

The Web Software provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCU for the following SOP Class: Study Root Query/Retrieve Information Model - FIND, UID = 1.2.840.10008.5.1.4.1.2.2.1.

3.3.2.1.2.2 SOP Specific Conformance Statement for Patient/Study FIND

The Web Software provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCU for the following SOP Class: Patient/Study Only Query/Retrieve Information Model - FIND (UID 1.2.840.10008.5.1.4.1.2.3.1).

3.3.3 Association Acceptance Policy

The Web Software never accepts an association.

3.4 Memory Manager Specifications

Memory Manager provides Standard Conformance to the following DICOM 3.0 SOP Classes as an SCP:

Table 12: Proposed Presentation Contexts for the Web Software:

SOP Class Name	SOP Class UID
Study Root Q/R Information Model - MOVE	1.2.840.10008.5.1.4.1.2.2.2
Patient/Study Only Query/Retrieve Information Model - FIND	1.2.840.10008.5.1.4.1.2.3.1

3.4.1 Association Establishment Policies

3.4.1.1 General

The maximum PDU size that the Memory Manager will use is 32K byte.

3.4.1.2 Number of Associations

Memory Manager can have multiple simultaneous connections. The maximal number of simultaneous associations that will be initiated by Memory Manager is limited by the configuration of the server. Memory Manager initiates several associations at a time, one for each transfer request being processed. All active concurrent associations are processed in parallel.

3.4.1.3 Asynchronous Nature

Memory Manager will only allow a single outstanding operation on an association. Therefore, Memory Manager will not perform asynchronous operations window negotiation.

3.4.1.4 Implementation Identifying Information

Memory Manager provides an Implementation Version Name which is "PROVISION-v1.0" and a single Implementation Class UID which is 1.2.840.113704.7.0.2. The Application Context Name is 1.2.840.10008.3.1.1.1.

3.4.2 Association Initiation by Real World Activity

3.4.2.1 Application Asks for Image Loading

3.4.2.1.1 Associated Real World Activity

Memory Manager initiates an association when an image processing application asks for image loading from a specified source device using a proprietary IPC protocol. Proposed Presentation Contexts

All the Presentation Contexts shown in [Table 13](#) are proposed by Memory Manager:

Table 13: Proposed Presentation Contexts for the Web Software-Server

Abstract Syntax		Transfer Syntax		Role	Ext. Neg.
Name	UID	Name	UID		
Study Root MOVE	1.2.840.10008.5.1.4.1.2.2.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		
Patient/Study Only Query/ Retrieve Information Model - FIND	1.2.840.10008.5.1.4.1.2.3.1	DICOM Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
		DICOM Explicit VR Little Endian	1.2.840.10008.1.2.1		
		DICOM Explicit VR Big Endian	1.2.840.10008.1.2.2		

3.4.2.1.1.1 SOP Specific Conformance Statement for Study Root FIND

Memory Manager provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCU for the following SOP Class: Study Root Query/Retrieve Information Model - FIND, UID=1.2.840.10008.5.1.4.1.2.2.2.

3.4.2.1.1.2 SOP Specific Conformance Statement for Patient/Study FIND

Memory Manager provides standard conformance to the DICOM 3.0 Query/Retrieve Service Class as an SCU for the following SOP Class: Patient/Study Only Query/Retrieve Information Model - FIND (UID 1.2.840.10008.5.1.4.1.2.3.1).

3.4.2.1.1.3 SOP Specific Conformance Statement for Grayscale Softcopy Presentation State

The Web Software provides standard conformance to the DICOM V3.0 Grayscale Softcopy Presentation State as an SCU.

The created SOP instance of the Class derives from the displayed image. Modality LUT Transformation, VOI LUT Transformation, Presentation LUT Transformation, Shutter Transformation, Image Annotation and Spatial Transformation.

3.4.2.1.1.4 SOP Specific Conformance Statement for Grayscale Softcopy Presentation State

The Web Software provides standard conformance to the DICOM V3.0 Grayscale Softcopy Presentation State as an SCP.

The displayed image referred by a SOP instance of the Class applies the Modality LUT Transformation, Window/Level Transformation, Presentation LUT Transformation, Image Annotation and Spatial Transformation from the SOP instance of the class, according to DICOM V3.0 supplement 33.

3.4.3 Association Acceptance Policy

Memory Manager never accepts an association.

4 Communication Profiles

4.1 Supported Communications Stacks (Parts 8, 9)

The Web Software provides DICOM 3.0 TCP/IP Network Communication Support as defined in Part 8 of the DICOM Standard.

4.2 TCP/IP Stack

All the Application Entities in the Web Software inherit their TCP/IP stack from the UNIX system upon which they operate.

4.2.1 Physical Media Support

The Web Software is indifferent to the physical medium over which TCP/IP operates.

4.2.2 Security Profiles

The Web Software supports the TLS 1.0 security profile.

5 Extensions, Specialization, Privatization of SOP Classes, and Transfer Syntax

Not applicable.

5.1 Configuration

5.2 AE Title/Presentation Address Mapping

This mapping is defined during the Web Software installation procedure.

5.3 Configurable Parameters

- DICOM Port Number
- Application Entity Title
- Time-out

6 Support of Extended Character Sets

Support Code Extension Techniques. The following character sets are supported:

- ISO 2022 IR 6 (ASCII 7)
- ISO 2022 IR 100 (Latin-1, ISO-8859-1) for most European Languages
- ISO 2022 IR 87 (JIS X 208) for Japanese
- ISO 2022 IR 159 (JIS X 212) for Japanese
- ISO 2022 IR 13 (JIS X 201 ROMAN) for Japanese
- ISO 2022 IR 13 (JIS X 201) for Japanese
- ISO 2022 IR 149 (KS X 101) for Korean
- GB18030 (GB18030) for Chinese
- ISO IR 192 (UTF-8) for Chinese

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