



Visbion Limited

Image Capture 2.5 DICOM Conformance Statement

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Contents

1. Foundation Technology	1
1.1 Scope	1
1.2 Definitions	1
1.3 Abbreviations	2
1.4 Connectivity and Interoperability	2
2. Image Capture Conformance Statement	3
2.1 Implementation Model	3
2.1.1 Application Data Flow Diagram	3
2.1.2 Functional Definition of Application Entities	4
2.1.3 Sequencing of Real-World Activities	4
2.2 Image Capture AE Specification	4
2.2.1 Association Establishment Policies	5
2.2.2 Association Initiation Policy	6
2.2.3 Association Acceptance Policies	11
2.2.4 Real-World Activity <Verification Request from Remote AE>	11
2.2.5 Real-World Activity <Receive Image(s)>	12
2.3 Communication Profiles	14
2.3.1 Supported Communication Stacks	14
2.4 Configuration	15
2.4.1 Configurable Parameters	15
2.5 Support of Extended Character Sets	15
3. Contacting Visbion	16
3.1 Visbion Solutions	16
3.2 Technical Support	16
3.3 Visbion Headquarters	16

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25/10/05	0.1.2	Paul Dufeu	Updated Distribution List.
26/10/05	0.1.3	Paul Dufeu	'O-PACS' removed from title of doc throughout. Corrected versioning by renumbering to 0 (zero), and deleting previous revision history. Added Terms text to Copyright statement. Section 2.2.4.1 renumbered to 2.2.5.
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1. Foundation Technology

Visbion's solutions provide a fully-integrated patient information environment, based upon industry-standard web technology, at the heart of which is a central information system in which all patient records are held. As the majority of today's medical imaging equipment makes use of the Digital Imaging and Communications in Medicine (DICOM) 3.0 standard for information interchange, Visbion's solutions have been developed to connect directly to DICOM 3.0 compliant equipment. This enables a patient's medical images to be incorporated directly within their medical record. The system complies fully with Health Insurance Portability and Accountability Act (HIPAA) requirements and integrates seamlessly with Health Level Seven (HL7) and DICOM 3.0 conformant systems. Options are also included to enable data to be incorporated into patient records from a wide range of other sources. For example, text-based documents can be incorporated using standard TWAIN-compliant document scanners.

Visbion's solutions have been designed and developed using industry-standard technology. Any computer with a frame-capable web browser can be connected to the system. Customers do not require dedicated hardware for each potential system user. Furthermore, despite ease of access to patient records, security of information and patient confidentiality has been a high priority in the development of the suite of products. The systems use similar security protocols to those employed by online banks and the military, some making use of usernames and passwords for access, data encryption and automatic dial-back capabilities.

1.1 Scope

This document states the conformance of Visbion's DICOM technology to the DICOM 3.0 standard. The document has been written for software developers and system integrators who are interested in integrating Visbion's products with existing DICOM 3.0 conformant devices.

It is assumed that those reading this document are familiar with the concepts and terminology used within the DICOM 3.0 standard. Readers who require further information on the DICOM 3.0 standard should note that a complete copy of the standard can be obtained from:

Address: National Electrical Manufacturers Association
NEMA Publications
1300 North 17th Street
Suite 1847
Rosslyn
VA22209
USA.

Tel.: +1 (703) 841 3200

1.2 Definitions

DICOM	Digital Imaging and Communications in Medicine
DIMSE	DICOM Message Service Element
DIMSE-C	DICOM Message Service Element with Composite Information Objects

1.3 Abbreviations

ACR	American College of Radiology
AE	Application Entity
ASCII	American Standard Code for Information Interchange
DNS	Domain Name System
HIPAA	Health Insurance Portability and Accountability Act
HIS	Hospital Information System
HL7	Health Level Seven
HSS	Healthcare Software Systems
IEEE	Institute of Electrical and Electronics Engineers
IOD	DICOM Information Object Definition
IP	Internet Protocol
ISO	International Organization for Standardization
JPEG	Joint Photographic Experts Group
NEMA	National Electrical Manufacturers Association
OSI	Open Systems Interconnection
RIS	Radiology Information System
PDU	Protocol Data Unit
SCU	Service Class User (DICOM client)
SCP	Service Class Provider (DICOM server)
SOP	Service-Object Pair
TCP/IP	Transmission Control Protocol/Internet Protocol
UID	Unique Identification

1.4 Connectivity and Interoperability

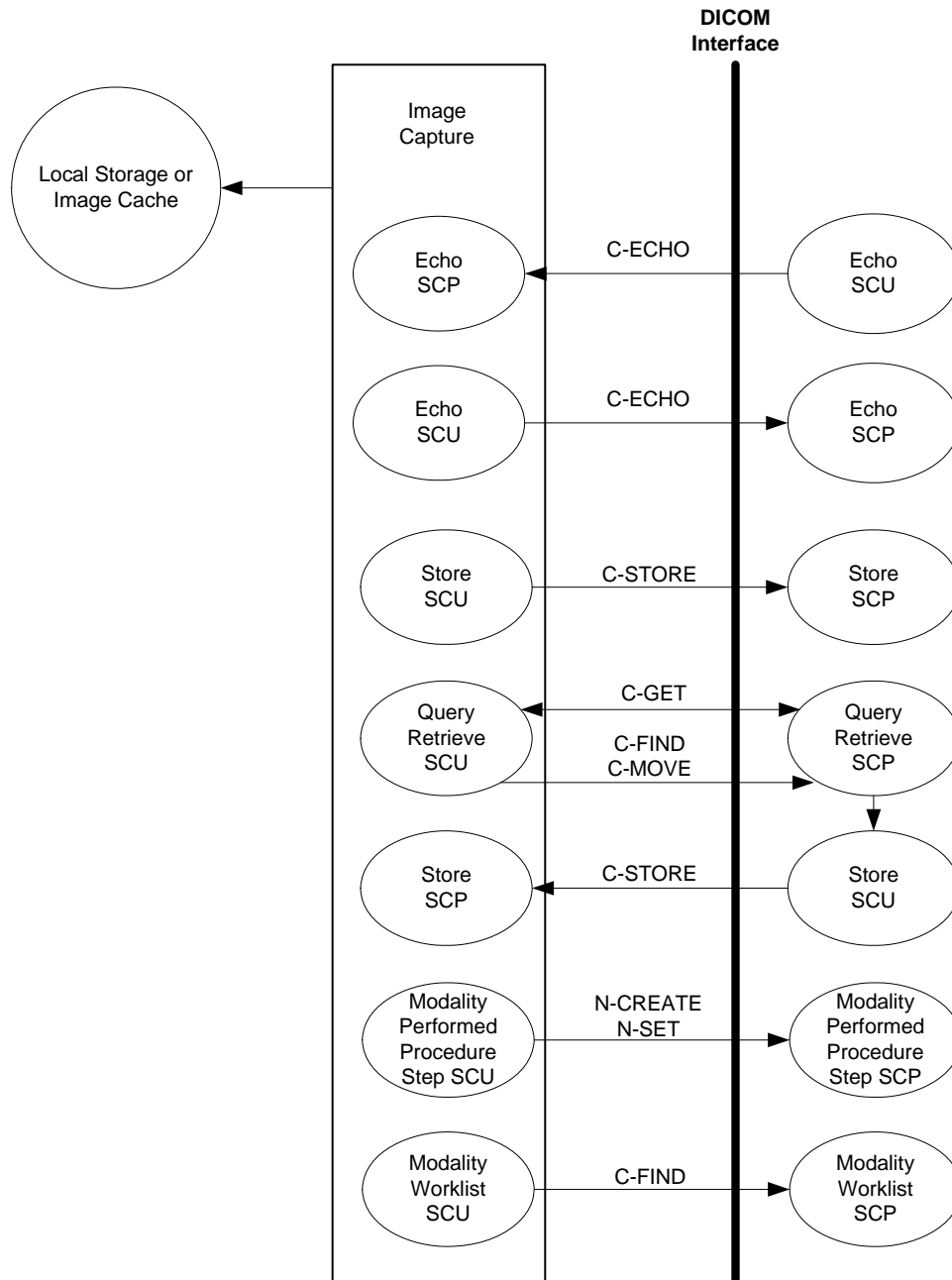
The implementation of the Visbion DICOM interface has been carefully tested to ensure compliance with this Conformance Statement. However, the Conformance Statement and the DICOM standard does not guarantee interoperability of Visbion's products and modalities of other vendors. The user must compare the relevant Conformance Statements and if a successful association is established, the user is responsible for testing and validating the interoperability that is required.

2. Image Capture Conformance Statement

2.1 Implementation Model

2.1.1 Application Data Flow Diagram

The basic and specific application models for Visbion Image Capture are shown in the diagram below:



The real-world activity that will cause the Image Capture Application Entity (AE) to initiate an association to a remote DICOM Application Entity (AE) is the **Send Selected** menu item.

2.1.2 Functional Definition of Application Entities

Image Capture is the user interface for capturing image data, and storing or sending that data to another device. It supports the following Service Classes:

Service Class	Role
Verification	SCU + SCP
Storage	SCU + SCP
Basic Worklist Management	SCU
Query / Retrieve	SCU
Study Management	SCU

2.1.3 Sequencing of Real-World Activities

This is not applicable to the Image Capture AE.

2.2 Image Capture AE Specification

The Image Capture AE provides Standard Conformance to the following DICOM 3.0 SOP Classes as a SCU:

SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3
Multi-frame True Colour Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
Ophthalmic Photography 8-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.1
Ophthalmic Photography 16-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.2
Stereometric Relationship Storage	1.2.840.10008.5.1.4.1.1.77.1.5.3
Patient Root Query/Retrieve Information Model – C-FIND	1.2.840.10008.5.1.4.1.2.1.1
Patient Root Query/Retrieve Information Model – C-MOVE	1.2.840.10008.5.1.4.1.2.1.2
Patient Root Query/Retrieve Information Model – C-GET	1.2.840.10008.5.1.4.1.2.1.3
Study Root Query/Retrieve Information Model – C-FIND	1.2.840.10008.5.1.4.1.2.2.1
Study Root Query/Retrieve Information Model – C-MOVE	1.2.840.10008.5.1.4.1.2.2.2
Study Root Query/Retrieve Information Model – C-GET	1.2.840.10008.5.1.4.1.2.2.3
Patient/Study Only Query/Retrieve Information Model – C-FIND	1.2.840.10008.5.1.4.1.2.3.1
Patient/Study Only Query/Retrieve Information Model – C-MOVE	1.2.840.10008.5.1.4.1.2.3.2
Patient/Study Only Query/Retrieve Information Model – C-GET	1.2.840.10008.5.1.4.1.2.3.3
Modality Worklist Information Model – C-FIND	1.2.840.10008.5.1.4.31
General Purpose Worklist Information Model – C-FIND	1.2.840.10008.5.1.4.32.1

Note: Newly-captured images are always transferred using one of the following SOP Classes:

- Ophthalmic Photography 8-bit Image Storage
- Ophthalmic Photography 16-bit Image Storage
- Stereometric Relationship Storage.

This Image Capture AE provides Standard Conformance to the following DICOM 3.0 SOP Classes as a SCP:

SOP Class Name	SOP Class UID
Verification	1.2.840.10008.1.1
Multi-frame True Colour Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4
Ophthalmic Photography 8-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.1
Ophthalmic Photography 16-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.2
Stereometric Relationship Storage	1.2.840.10008.5.1.4.1.1.77.1.5.3

2.2.1 Association Establishment Policies

2.2.1.1 General

The DICOM Application Context Name, which is always proposed, is:

Application Context Name	1.2.840.10008.3.1.1.1
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The maximum length of a PDU for an association initiated by the Image Capture AE is 32 KB.

The maximum length PDU negotiation is included in all association establishment requests.

SOP Class Extended Negotiation is not supported.

2.2.1.2 Number of Associations

This Application Entity will only accept or initiate a single DICOM Association at any point in time.

2.2.1.3 Asynchronous Nature

Asynchronous mode is not supported. All operations will be performed synchronously.

2.2.1.4 Implementation Identifying Policy

The details for the DICOM 3.0 implementation are:

Image Capture Implementation UID	1.2.826.0.1.3722626.2.1.60630
Image Capture Implementation Version	SCDCM_060630

2.2.2 Association Initiation Policy

The Image Capture AE attempts to initiate an association through a C-ECHO, C-STORE, C-FIND, C-MOVE, N-SET or N-CREATE operation.

2.2.2.1 Real-World Activity <Send Image(s) to Remote AE>

Associated Real-World Activity

The real-world activity associated with the sending of images is the selection of the **Send Selected Images** or **Send All Unsent Images** menu items.

Presentation Context Table

Presentation Context Table – Proposed					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Multi-frame True Colour Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	Note 1	Note 1	SCU	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	Note 1	Note 1	SCU	None
Ophthalmic Photography 8-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.1	Note 1	Note 1	SCU	None
Ophthalmic Photography 16-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.2	Note 1	Note 1	SCU	None
Stereometric Relationship Storage	1.2.840.10008.5.1.4.1.1.77.1.5.3	Note 1	Note 1	SCU	None

Note 1 – The following transfer syntax options will be proposed in the order of preference shown:

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90

2.2.2.2 Real-World Activity <Request Worklist from Worklist Server>**Associated Real-World Activity**

Image Capture users can request a modality worklist from a Worklist Server using the Modality Worklist Information Model – C-FIND.

Presentation Context Table

Presentation Context Table – Accepted					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Modality Worklist Information Model – C-FIND	1.2.840.10008.5.1.4.31	Note 1	Note 1	SCU	None

Note 1 – The following transfer syntax options will be proposed in the order of preference shown:

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90

The Modality Scheduled Procedure Step search keys are:

Description	Tag
Scheduled Procedure Step Sequence	(0040, 0100)
> Scheduled Station AE Title	(0040, 0001)
> Scheduled Procedure Step Start Date	(0040, 0002)
> Scheduled Procedure Step Start Time	(0040, 0003)
> Modality	(0008, 0060)
> Scheduled Procedure Step Description	(0040, 0007)
> Scheduled Procedure Step ID	(0040, 0009)
> Scheduled Procedure Step Status	(0040, 0020)
Requested Procedure ID	(0040, 1001)
Requested Procedure Description	(0032, 1060)
Accession Number	(0008, 0050)
Patient's Name	(0010, 0010)
Patient ID	(0010, 0020)

Patient's Birth Date	(0010, 0030)
Patient's Sex	(0010, 0040)

2.2.2.3 Real-World Activity <N-CREATE Modality Performed Procedure Step on Worklist Server>

Associated Real-World Activity

Image Capture users can create a Modality Performed Procedure Step with reference to a Modality Scheduled Procedure Step through the following actions:

1. Request Modality Worklist
2. Select individual Modality Scheduled Procedure Step
3. Verify Modality Scheduled Procedure Step related information and accept.

A Modality Performed Procedure step is created using Modality Performed Procedure Step N-CREATE.

Presentation Context Table

Presentation Context Table – Proposed					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Note 1	Note 1	SCU	None

Note 1 – The following transfer syntax options will be proposed in the order of preference shown:

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90

The Modality Performed Procedure Step is created with the following attributes:

Description	Type	Condition	Tag
Scheduled Step Attributes Sequence	1		(0040, 0270)
> Study Instance UID	1	Scheduled Step Attribute Sequence (0040, 0270)	(0020, 000D)
> Accession Number	2	Scheduled Step Attribute Sequence (0040, 0270)	(0008, 0050)

> Requested Procedure ID	2	Scheduled Step Attribute Sequence (0040, 0270)	(0040, 1001)
> Requested Procedure Description	2	Scheduled Step Attribute Sequence (0040, 0270)	(0032, 1060)
> Scheduled Procedure Step ID	2	Scheduled Step Attribute Sequence (0040, 0270)	(0040, 0009)
> Scheduled Procedure Step Description	2	Scheduled Step Attribute Sequence (0040, 0270)	(0040, 0007)
Patient's Name	2		(0010, 0010)
Patient ID	2		(0010, 0020)
Patient's Birth Date	2		(0010, 0030)
Patient's Sex	2		(0010, 0040)
Performed Procedure Step ID	1		(0040, 0253)
Performed Station AE Title	1		(0040, 0241)
Performed Procedure Step Start Date	1		(0040, 0244)
Performed Procedure Step Start Time	1		(0040, 0245)
Performed Procedure Step Description	2		(0040, 0254)
Performed Procedure Step Status	1		(0040, 0252)
Modality	1		(0008, 0060)
Performed Series Sequence	2		(0040, 0340)
> Protocol Name	1C	Performed Series Sequence (0040, 0340)	(0018, 1030)
> Series Instance UID	1C	Performed Series Sequence (0040, 0340)	(0020, 000E)
> Retrieve AE Title	2C	Performed Series Sequence (0040, 0340)	(0008, 0054)

2.2.2.4 Real-World Activity <N-SET Modality Performed Procedure Step on Worklist Server>

Associated Real-World Activity

Image Capture users can complete or cancel a Modality Performed Procedure Step in progress using Modality Performed Procedure Step N-SET.

Presentation Context Table

Presentation Context Table – Accepted					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Note 1	Note 1	SCU	None

Note 1 – The following transfer syntax options will be proposed in the order of preference shown:

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90

The following Modality Performed Procedure Step attributes are supported in an N-SET request:

Description	Type	Condition	Tag
Performed Procedure Step Status	3		(0040, 0252)
Performed Procedure Step End Date	3		(0040, 0250)
Performed Procedure Step End Time	3		(0040, 0251)
Performed Series Sequence	3		(0040, 0340)
> Protocol Name	1C	Performed Series Sequence (0040, 0340)	(0018, 1030)
> Series Instance UID	1C	Performed Series Sequence (0040, 0340)	(0020, 000E)
> Retrieve AE Title	2C	Performed Series Sequence (0040, 0340)	(0008, 0054)
> Referenced Image Sequence	2C	Performed Series Sequence (0040, 0340)	(0008, 1140)
>> Referenced SOP Class UID	1C	Referenced Image Sequence (0008, 1140)	(0008, 1150)
>> Referenced SOP Instance UID	1C	Referenced Image Sequence (0008, 1140)	(0008, 1155)

2.2.3 Association Acceptance Policies

The Image Capture AE will only carry out operations following a request from a Remote AE.

A request from a remote AE for image storage will result in Image Capture displaying all images received during that association.

2.2.4 Real-World Activity <Verification Request from Remote AE>

The Image Capture AE is permanently listening for associations and no operator action is required to initiate the handling of a verification request.

Associated Real-World Activity

The Real-World Activity associated with this request is for the Image Capture AE to send a C-ECHO response message with a status of “success” to the requesting AE.

The Image Capture AE conforms to the standard for the DICOM Verification Service Class.

Presentation Context Table

Presentation Context Table – Accepted					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Verification	1.2.840.10008.1.1	Note 1	Note 1	SCP	None

Note 1 – The following transfer syntax options will be accepted in the order of preference shown:

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
RLE	1.2.840.10008.1.2.5
JPEG Lossy	1.2.840.10008.1.2.4.50
JPEG Lossy 12	1.2.840.10008.1.2.4.51
JPEG Extended	1.2.840.10008.1.2.4.52
JPEG Spectral Selection	1.2.840.10008.1.2.4.53
JPEG Spectral Selection	1.2.840.10008.1.2.4.54
JPEG Full Progression	1.2.840.10008.1.2.4.55
JPEG Full Progression	1.2.840.10008.1.2.4.56
JPEG Lossless	1.2.840.10008.1.2.4.57
JPEG Lossless	1.2.840.10008.1.2.4.58
JPEG Extended	1.2.840.10008.1.2.4.59
JPEG Extended	1.2.840.10008.1.2.4.60

JPEG Spectral Selection	1.2.840.10008.1.2.4.61
JPEG Spectral Selection	1.2.840.10008.1.2.4.62
JPEG Full Progression	1.2.840.10008.1.2.4.63
JPEG Full Progression	1.2.840.10008.1.2.4.64
JPEG Lossless	1.2.840.10008.1.2.4.65
JPEG Lossless	1.2.840.10008.1.2.4.66
JPEG Lossless	1.2.840.10008.1.2.4.70
JPEG-LS Lossless	1.2.840.10008.1.2.4.80
JPEG-LS Lossy (Near-Lossless)	1.2.840.10008.1.2.4.81
JPEG 2000 Lossless	1.2.840.10008.1.2.4.90
JPEG 2000	1.2.840.10008.1.2.4.91
Deflated Little Endian Explicit	1.2.840.10008.1.2.4.99
MPEG2	1.2.840.10008.1.2.4.100

Presentation Context Acceptance Criterion

Image Capture will accept any number of Presentation Contexts listed in the Accepted Presented Context Table.

Transfer Syntax Selection Policies

The Image Capture AE will select the first presented transfer syntax that it supports.

2.2.5 Real-World Activity <Receive Image(s)>

The Image Capture AE continually listens for associations and no operator action is required to receive an image.

Associated Real-World Activity

The associated Real-World Activity for this service is to accept an image and display it.

Presentation Context Table

Presentation Context Table – Accepted					
Abstract Syntax		Transfer Syntax		Role	Extended Negotiation
Name	UID	Name List	UID List		
Multi-frame True Colour Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7.4	Note 1	Note 1	SCP	None
VL Photographic Image Storage	1.2.840.10008.5.1.4.1.1.77.1.4	Note 1	Note 1	SCP	None

Ophthalmic Photography 8-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.1	Note 1	Note 1	SCP	None
Ophthalmic Photography 16-bit Image Storage	1.2.840.10008.5.1.4.1.1.77.1.5.2	Note 1	Note 1	SCP	None
Stereometric Relationship Storage	1.2.840.10008.5.1.4.1.1.77.1.5.3	Note 1	Note 1	SCP	None

Note 1 – The following transfer syntax options will be accepted in the order of preference shown:

Accept Transfer Syntax List – No Preference

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2
RLE	1.2.840.10008.1.2.5
JPEG Lossy	1.2.840.10008.1.2.4.50
JPEG Lossy 12	1.2.840.10008.1.2.4.51
JPEG Extended	1.2.840.10008.1.2.4.52
JPEG Spectral Selection	1.2.840.10008.1.2.4.53
JPEG Spectral Selection	1.2.840.10008.1.2.4.54
JPEG Full Progression	1.2.840.10008.1.2.4.55
JPEG Full Progression	1.2.840.10008.1.2.4.56
JPEG Lossless	1.2.840.10008.1.2.4.57
JPEG Lossless	1.2.840.10008.1.2.4.58
JPEG Extended	1.2.840.10008.1.2.4.59
JPEG Extended	1.2.840.10008.1.2.4.60
JPEG Spectral Selection	1.2.840.10008.1.2.4.61
JPEG Spectral Selection	1.2.840.10008.1.2.4.62
JPEG Full Progression	1.2.840.10008.1.2.4.63
JPEG Full Progression	1.2.840.10008.1.2.4.64
JPEG Lossless	1.2.840.10008.1.2.4.65
JPEG Lossless	1.2.840.10008.1.2.4.66
JPEG Lossless	1.2.840.10008.1.2.4.70
JPEG-LS Lossless	1.2.840.10008.1.2.4.80
JPEG-LS Lossy (Near-Lossless)	1.2.840.10008.1.2.4.81

JPEG 2000 Lossless	1.2.840.10008.1.2.4.90
JPEG 2000	1.2.840.10008.1.2.4.91
Deflated Little Endian Explicit	1.2.840.10008.1.2.4.99
MPEG2	1.2.840.10008.1.2.4.100

Accept Transfer Syntax List – Uncompressed

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
Explicit VR Little Endian	1.2.840.10008.1.2.1
Explicit VR Big Endian	1.2.840.10008.1.2.2

Accept Transfer Syntax List – Lossless (JPEG2000)

Name	UID
Implicit VR Little Endian	1.2.840.10008.1.2
JPEG 2000 Image Compression (Lossless Only)	1.2.840.10008.1.2.4.90

Presentation Context Acceptance Criterion

The Image Capture AE will accept any number of Presentation Contexts listed in the Accepted Presentation Context table. The AE will reject any requests received from remote AEs who are not listed in the local database of accepted AEs.

Transfer Syntax Selection Policies

The Image Capture AE will select the first presented transfer syntax that it supports.

2.3 Communication Profiles

2.3.1 Supported Communication Stacks

2.3.1.1 Open System Interconnection (OSI) Stack

The OSI Stack is not supported.

2.3.1.2 Transmission Control Protocol/Internet Protocol (TCP/IP) Stack

The TCP/IP stack is inherited from the Microsoft® Windows® operating system.

2.3.1.3 Physical Media Support

Ethernet v2.0, Institute of Electrical and Electronics Engineers (IEEE) 802.3.

2.3.1.4 Point-to-Point Stack

The 50-pin American College of Radiology-National Electrical Manufacturers Association (ACR-NEMA) connection is not supported by this product.

2.4 Configuration

2.4.1 Configurable Parameters

At the operating system level, the Internet Protocol (IP) address, netmask, default gateway and Domain Name System (DNS) servers can all be configured by a Visbion Field Engineer.

A Visbion Field Engineer can also change the port number of Image Capture from its default setting of 104, and the AE Title parameter for the Image Capture AE.

Prior to system installation, Visbion engineers will require the port number, IP address, AE title and a text description for each archive/worklist server that Image Capture connects to. The text description field is used to enable users to identify the various devices.

2.5 Support of Extended Character Sets

This Application Entity does not support Extended Character Sets.

3. Contacting Visbion

3.1 Visbion Solutions

Visbion delivers diagnostic imaging solutions to meet the demanding needs of clinicians. Our emphasis is on providing better patient care by maximising the efficiency and accuracy with which clinicians work. To do this we rely on extensive clinical feedback as we develop and deliver our products to institutions around the world.

Our product suite consists of solutions and applications developed to meet the requirements of individuals and large imaging departments alike. Visbion's manufacturer-independent, standards-based, enterprise-wide solutions, I-PACS and O-PACS, are delivered and supported by dedicated and comprehensive professional services.

To learn more about the Visbion range of solutions, visit our website at:

www.visbion.com

3.2 Technical Support

If you have a technical question that cannot be answered by this guide, the online help or the system administrator, please visit the support area on our website to access customer support:

www.visbion.com/support

3.3 Visbion Headquarters

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