

DICOM Conformance Statement of DiSwift

----- Echo SCP Conformance -----

DiSwift supports the following SOP Classes as an SCP for C-Echo:

Verification SOP Class | 1.2.840.10008.1.1

----- Store SCP Conformance -----

DiSwift supports the following SOP Classes as an SCP for C-Store:

AmbulatoryECGWaveformStorage	1.2.840.10008.5.1.4.1.1.9.1.3
ArterialPulseWaveformStorage	1.2.840.10008.5.1.4.1.1.9.5.1
AutorefractionMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.2
BasicStructuredDisplayStorage	1.2.840.10008.5.1.4.1.1.131
BasicTextSRStorage	1.2.840.10008.5.1.4.1.1.88.11
BasicVoiceAudioWaveformStorage	1.2.840.10008.5.1.4.1.1.9.4.1
BlendingSoftcopyPresentationStateStorage	1.2.840.10008.5.1.4.1.1.11.4
BreastTomosynthesisImageStorage	1.2.840.10008.5.1.4.1.1.13.1.3
CardiacElectrophysiologyWaveformStorage	1.2.840.10008.5.1.4.1.1.9.3.1
ChestCADSRStorage	1.2.840.10008.5.1.4.1.1.88.65
ColonCADSRStorage	1.2.840.10008.5.1.4.1.1.88.69
ColorSoftcopyPresentationStateStorage	1.2.840.10008.5.1.4.1.1.11.2
ComprehensiveSRStorage	1.2.840.10008.5.1.4.1.1.88.33
ComputedRadiographyImageStorage	1.2.840.10008.5.1.4.1.1.1
CTImageStorage	1.2.840.10008.5.1.4.1.1.2
DeformableSpatialRegistrationStorage	1.2.840.10008.5.1.4.1.1.66.3
DigitalIntraOralXRayImageStorageForPresentation	1.2.840.10008.5.1.4.1.1.1.3
DigitalIntraOralXRayImageStorageForProcessing	1.2.840.10008.5.1.4.1.1.1.3.1
DigitalMammographyXRayImageStorageForPresentation	1.2.840.10008.5.1.4.1.1.1.2
DigitalMammographyXRayImageStorageForProcessing	1.2.840.10008.5.1.4.1.1.1.2.1
DigitalXRayImageStorageForPresentation	1.2.840.10008.5.1.4.1.1.1.1
DigitalXRayImageStorageForProcessing	1.2.840.10008.5.1.4.1.1.1.1.1
EncapsulatedCDASStorage	1.2.840.10008.5.1.4.1.1.104.2
EncapsulatedPDFStorage	1.2.840.10008.5.1.4.1.1.104.1
EnhancedCTImageStorage	1.2.840.10008.5.1.4.1.1.2.1
EnhancedMRColorImageStorage	1.2.840.10008.5.1.4.1.1.4.3
EnhancedMRImageStorage	1.2.840.10008.5.1.4.1.1.4.1
EnhancedPETImageStorage	1.2.840.10008.5.1.4.1.1.130
EnhancedSRStorage	1.2.840.10008.5.1.4.1.1.88.22
EnhancedUSVolumeStorage	1.2.840.10008.5.1.4.1.1.6.2
EnhancedXAImageStorage	1.2.840.10008.5.1.4.1.1.12.1.1
EnhancedXRFImageStorage	1.2.840.10008.5.1.4.1.1.12.2.1
GeneralAudioWaveformStorage	1.2.840.10008.5.1.4.1.1.9.4.2
GeneralECGWaveformStorage	1.2.840.10008.5.1.4.1.1.9.1.2
GenericImplantTemplateStorage	1.2.840.10008.5.1.4.43.1
GrayscaleSoftcopyPresentationStateStorage	1.2.840.10008.5.1.4.1.1.11.1
HemodynamicWaveformStorage	1.2.840.10008.5.1.4.1.1.9.2.1
ImplantAssemblyTemplateStorage	1.2.840.10008.5.1.4.44.1
ImplantationPlansSRDocumentsStorage	1.2.840.10008.5.1.4.1.1.88.70
ImplantTemplateGroupStorage	1.2.840.10008.5.1.4.45.1
IntraocularLensCalculationsStorage	1.2.840.10008.5.1.4.1.1.78.8
KeratometryMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.3
KeyObjectSelectionDocumentsStorage	1.2.840.10008.5.1.4.1.1.88.59
LensometryMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.1
MacularGridThicknessAndVolumeReportStorage	1.2.840.10008.5.1.4.1.1.79.1
MammographyCADSRStorage	1.2.840.10008.5.1.4.1.1.88.50
MRImageStorage	1.2.840.10008.5.1.4.1.1.4
MRSpectroscopyStorage	1.2.840.10008.5.1.4.1.1.4.2
MultiFrameGrayscaleByteSecondaryCaptureImageStorage	1.2.840.10008.5.1.4.1.1.7.2
MultiFrameGrayscaleWordSecondaryCaptureImageStorage	1.2.840.10008.5.1.4.1.1.7.3
MultiFrameSingleBitSecondaryCaptureImageStorage	1.2.840.10008.5.1.4.1.1.7.1
MultiFrameTrueColorSecondaryCaptureImageStorage	1.2.840.10008.5.1.4.1.1.7.4
NuclearMedicineImageStorage	1.2.840.10008.5.1.4.1.1.20
OphthalmicAxialMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.7
OphthalmicPhotography16BitImageStorage	1.2.840.10008.5.1.4.1.1.77.1.5.2
OphthalmicPhotography8BitImageStorage	1.2.840.10008.5.1.4.1.1.77.1.5.1
OphthalmicTomographyImageStorage	1.2.840.10008.5.1.4.1.1.77.1.5.4
OphthalmicVisualFieldStaticPerimetryMeasurementsStorage	1.2.840.10008.5.1.4.1.1.80.1
PositronEmissionTomographyImageStorage	1.2.840.10008.5.1.4.1.1.128
ProcedureLogStorage	1.2.840.10008.5.1.4.1.1.88.40
PseudoColorSoftcopyPresentationStateStorage	1.2.840.10008.5.1.4.1.1.11.3
RawDataStorage	1.2.840.10008.5.1.4.1.1.66
RealWorldValueMappingStorage	1.2.840.10008.5.1.4.1.1.67
RespiratoryWaveformStorage	1.2.840.10008.5.1.4.1.1.9.6.1
RTBeamsTreatmentRecordStorage	1.2.840.10008.5.1.4.1.1.481.4
RTBrachyTreatmentRecordStorage	1.2.840.10008.5.1.4.1.1.481.6
RTDoseStorage	1.2.840.10008.5.1.4.1.1.481.2
RTImageStorage	1.2.840.10008.5.1.4.1.1.481.1
RTIonBeamsTreatmentRecordStorage	1.2.840.10008.5.1.4.1.1.481.9
RTIonPlanStorage	1.2.840.10008.5.1.4.1.1.481.8
RTPlanStorage	1.2.840.10008.5.1.4.1.1.481.5
RTStructureSetStorage	1.2.840.10008.5.1.4.1.1.481.3
RTTreatmentSummaryRecordStorage	1.2.840.10008.5.1.4.1.1.481.7
SecondaryCaptureImageStorage	1.2.840.10008.5.1.4.1.1.7
SegmentationStorage	1.2.840.10008.5.1.4.1.1.66.4
SpatialFiducialsStorage	1.2.840.10008.5.1.4.1.1.66.2
SpatialRegistrationStorage	1.2.840.10008.5.1.4.1.1.66.1
SpectaclePrescriptionReportStorage	1.2.840.10008.5.1.4.1.1.78.6
StereometricRelationshipStorage	1.2.840.10008.5.1.4.1.1.77.1.5.3
SubjectiveRefractionMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.4
SurfaceSegmentationStorage	1.2.840.10008.5.1.4.1.1.66.5

TwelveLeadECGWaveformStorage	1.2.840.10008.5.1.4.1.1.9.1.1
UltrasoundImageStorage	1.2.840.10008.5.1.4.1.1.6.1
UltrasoundMultiFrameImageStorage	1.2.840.10008.5.1.4.1.1.3.1
VideoEndoscopicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.1.1
VideoMicroscopicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.2.1
VideoPhotographicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.4.1
VisualAcuityMeasurementsStorage	1.2.840.10008.5.1.4.1.1.78.5
VLEndoscopicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.1
VLMicroscopicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.2
VLPotographicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.4
VLSlideCoordinatesMicroscopicImageStorage	1.2.840.10008.5.1.4.1.1.77.1.3
VWholeSlideMicroscopyImageStorage	1.2.840.10008.5.1.4.1.1.77.1.6
XAXRFGrayscaleSoftcopyPresentationStateStorage	1.2.840.10008.5.1.4.1.1.11.5
XRay3DAngiographicImageStorage	1.2.840.10008.5.1.4.1.1.13.1.1
XRay3DCraniofacialImageStorage	1.2.840.10008.5.1.4.1.1.13.1.2
XRayAngiographicImageStorage	1.2.840.10008.5.1.4.1.1.12.1
XRayRadiationDoseSRStorage	1.2.840.10008.5.1.4.1.1.88.67
XRayRadiofluoroscopicImageStorage	1.2.840.10008.5.1.4.1.1.12.2
RETIRED_HardcopyColorImageStorage	1.2.840.10008.5.1.1.30
RETIRED_HardcopyGrayscaleImageStorage	1.2.840.10008.5.1.1.29
RETIRED_NuclearMedicineImageStorage	1.2.840.10008.5.1.4.1.1.5
RETIRED_StandaloneCurveStorage	1.2.840.10008.5.1.4.1.1.9
RETIRED_StandaloneModalityLUTStorage	1.2.840.10008.5.1.4.1.1.10
RETIRED_StandaloneOverlayStorage	1.2.840.10008.5.1.4.1.1.8
RETIRED_StandalonePETCurveStorage	1.2.840.10008.5.1.4.1.1.129
RETIRED_StandaloneVOILUTStorage	1.2.840.10008.5.1.4.1.1.11
RETIRED_StoredPrintStorage	1.2.840.10008.5.1.1.27
RETIRED_UltrasoundImageStorage	1.2.840.10008.5.1.4.1.1.6
RETIRED_UltrasoundMultiFrameImageStorage	1.2.840.10008.5.1.4.1.1.3
RETIRED_VLImageStorage	1.2.840.10008.5.1.4.1.1.77.1
RETIRED_VLMultiFrameImageStorage	1.2.840.10008.5.1.4.1.1.77.2
RETIRED_XRayAngiographicBiPlaneImageStorage	1.2.840.10008.5.1.4.1.1.12.3
DRAFT_SRAudioStorage	1.2.840.10008.5.1.4.1.1.88.2
DRAFT_SRComprehensiveStorage	1.2.840.10008.5.1.4.1.1.88.4
DRAFT_SRDetailedStorage	1.2.840.10008.5.1.4.1.1.88.3
DRAFT_SRTTextStorage	1.2.840.10008.5.1.4.1.1.88.1
DRAFT_WaveformStorage	1.2.840.10008.5.1.4.1.1.9.1
DRAFT_RTBeamsDeliveryInstructionStorage	1.2.840.10008.5.1.4.34.1

 Find SCP Conformance

DiSwift supports the following SOP Classes as an SCP for C-Find:

FINDPatientRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.1.1
FINDStudyRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.2.1

 Move SCP Conformance

DiSwift supports the following SOP Classes as an SCP for C-Move:

MOVEPatientRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.1.2
MOVEStudyRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.2.2

 Echo SCU Conformance

DiSwift supports the following SOP Classes as an SCU for C-Echo:

VerificationsOPClass	1.2.840.10008.1.1
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 Store SCU Conformance

 All the SOP Classes that are listed in the "Store SCP Conformance"
 (see above) section are available as an SCU for C-Store.

 Find SCU Conformance

DiSwift supports the following SOP Classes as an SCU for C-Find:

FINDPatientRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.1.1
FINDStudyRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.2.1
FINDStudyRootQueryRetrieveInformationModel	1.2.840.10008.5.1.4.1.2.2.1

 Transfer Syntaxes

 DiSwift will accept and negotiate presentation contexts for all of the
 abovementioned supported SOP Classes using any of the following
 transfer syntaxes:

LittleEndianImplicitTransferSyntax	1.2.840.10008.1.2
LittleEndianExplicitTransferSyntax	1.2.840.10008.1.2.1
BigEndianExplicitTransferSyntax	1.2.840.10008.1.2.2
DeflatedExplicitVRLittleEndianTransferSyntax	1.2.840.10008.1.2.1.99
JPEGProcess1TransferSyntax	1.2.840.10008.1.2.4.50
JPEGProcess2_4TransferSyntax	1.2.840.10008.1.2.4.51
JPEGProcess3_5TransferSyntax	1.2.840.10008.1.2.4.52
JPEGProcess6_8TransferSyntax	1.2.840.10008.1.2.4.53
JPEGProcess7_9TransferSyntax	1.2.840.10008.1.2.4.54
JPEGProcess10_12TransferSyntax	1.2.840.10008.1.2.4.55
JPEGProcess11_13TransferSyntax	1.2.840.10008.1.2.4.56
JPEGProcess14TransferSyntax	1.2.840.10008.1.2.4.57
JPEGProcess15TransferSyntax	1.2.840.10008.1.2.4.58
JPEGProcess16_18TransferSyntax	1.2.840.10008.1.2.4.59

JPEGProcess17_19TransferSyntax	1.2.840.10008.1.2.4.60
JPEGProcess20_22TransferSyntax	1.2.840.10008.1.2.4.61
JPEGProcess21_23TransferSyntax	1.2.840.10008.1.2.4.62
JPEGProcess24_26TransferSyntax	1.2.840.10008.1.2.4.63
JPEGProcess25_27TransferSyntax	1.2.840.10008.1.2.4.64
JPEGProcess28TransferSyntax	1.2.840.10008.1.2.4.65
JPEGProcess29TransferSyntax	1.2.840.10008.1.2.4.66
JPEGProcess14SV1TransferSyntax	1.2.840.10008.1.2.4.70
JPEGLSLosslessTransferSyntax	1.2.840.10008.1.2.4.80
JPEGLSLossyTransferSyntax	1.2.840.10008.1.2.4.81
JPEG2000LosslessOnlyTransferSyntax	1.2.840.10008.1.2.4.90
JPEG2000TransferSyntax	1.2.840.10008.1.2.4.91
JPEG2000Part2MultiComponentImageCompressionLosslessOnlyTransferSyntax	1.2.840.10008.1.2.4.92
JPEG2000Part2MultiComponentImageCompressionTransferSyntax	1.2.840.10008.1.2.4.93
JPIPreferencedTransferSyntax	1.2.840.10008.1.2.4.94
JPIPreferencedDeflateTransferSyntax	1.2.840.10008.1.2.4.95
MPEG2MainProfileAtMainLevelTransferSyntax	1.2.840.10008.1.2.4.100
MPEG2MainProfileAtHighLevelTransferSyntax	1.2.840.10008.1.2.4.101
RLELosslessTransferSyntax	1.2.840.10008.1.2.5

DiSwift does not support extended negotiation.