

Function	Description	v3.0.0
Main features		
non-DICOM conversion to DICOM	Possibility to convert non-DICOM image, video, and pdf information to DICOM.	+
DICOM Tag modification	Possibility to modify DICOM tags for the patient, and study information.	+
Send to PACS	Possibility to send converted/modified DICOM to PACS.	+
Modality Worklist	Possibility to select patient data from the modality worklist.	+
Folder Scan	Automatic file adding from the monitored folders to the list. File extraction from Zip, 7z, and ISO archive supported. Network shared folder supported.	+
Extract ZIP	Automatic file extraction from Zip, 7z, and ISO archive formats.	+
File List	A detailed list of files for converting, processing, and sending. Network shared folder supported.	+
File info	Detailed information about files to be converted: image preview, image info view, DICOM info and tags view, and DICOM pixel data extraction.	+
REST API	Possibility to initiate actions from another app by using REST API: Modality Worklist search, non-DICOM convert to DICOM, send to PACS.	+
non-DICOM conversion to DICOM features		
Image to DICOM	Possibility to convert JPG, JPEG, BMP, PNG, TIF, and TIFF images to DICOM. Possible to add more image formats.	+
Video to DICOM	Possibility to convert AVI, MPG, MPEG, WMV, MOV, MP4, H264, MKV, FLV, TS, MTS videos to DICOM. Possible to add more video formats.	+
PDF to DICOM	Possibility to convert PDF to DICOM.	+
non-DICOM file data	Possibility to specify the non-DICOM file data: Patient ID, BirthDate, Sex, Name, Study UID, Study ID, Date, Time, Accession no, Description, Charset, Modality, Series number.	+
Selectable Modality	Modality selection for converting non-DICOM to DICOM.	+
SOP Class rules	Flexible SOP class rules based on file extension.	+
DICOM Tag modification		
Patient DICOM Tag modification	Possibility to modify Patient DICOM Tags: Patient ID, BirthDate, Sex, Name.	+
Study DICOM Tag modification	Possibility to modify Study DICOM Tags: Study ID, Accession no, Description, Charset.	+
Modality Worklist		
Modality worklist search	Modality worklist search parameters: Root model, Patient ID, Patient Name, Application Entity Title (AE Title) of the scheduled station, Type of equipment (Modality), and Scheduled date.	+
Modality worklist results	Modality worklist result information: Accession number, Patient ID, Patient names (family, given, middle), Gender, BirthDate, Description of the requested procedure, and Description of the scheduled procedure step.	+

Configuration Features		
PACS selection	Multiple PACS servers (DICOM destinations) can be configured. Possibility to select DICOM destination before sending DICOM data.	+
Worklist server selection	Multiple modality worklist sources can be configured. Possibility to select worklist server.	+
White list/Black list	File extensions and names validated by white list and black list filters.	+
Image Transfer syntaxes for non-DICOM to DICOM conversion		
JPEG Baseline (Process 1)	Images can be stored in JPEG Baseline (Process 1) (Transfer Syntax UID: 1.2.840.10008.1.2.4.50).	+
Video Transfer syntaxes for non-DICOM to DICOM conversion		
MPEG2 Main Level	Video can be stored in MPEG2 Main Profile Main Level Transfer Syntax (Transfer Syntax UID: 1.2.840.10008.1.2.4.100).	+
MPEG2 High Level	Video can be stored in MPEG2 Main Profile @ High Level Transfer Syntax (Transfer Syntax UID: 1.2.840.10008.1.2.4.101).	+
MPEG-4 High Profile	Video can be stored in MPEG-4 AVC/H.264 High Profile / Level 4.1 Transfer Syntax (Transfer Syntax UID: 1.2.840.10008.1.2.4.102).	+
MPEG-4 BD-compatible High Profile	Video can be stored in MPEG-4 AVC/H.264 BD-compatible High Profile / Level 4.1 (Transfer Syntax UID: 1.2.840.10008.1.2.4.103).	+
PDF Transfer syntaxes for non-DICOM to DICOM conversion		
Explicit VR Little Endian	PDF can be stored in Explicit VR Little Endian Transfer Syntax (Transfer Syntax UID: 1.2.840.10008.1.2.1).	+
Supported SOP classes for non-DICOM to DICOM conversion		
Secondary Capture Image Storage	Images can be stored as Secondary Capture Image Storage DICOM (SOP UID: 1.2.840.10008.5.1.4.1.1.7).	+
Video Endoscopic Image Storage	Video can be stored as Video Endoscopic Image Storage DICOM (SOP UID: 1.2.840.10008.5.1.4.1.1.77.1.1.1).	+
Encapsulated PDF Storage	PDF can be stored as Encapsulated PDF Storage DICOM (SOP UID: 1.2.840.10008.5.1.4.1.1.104.1).	+
Custom SOP Class	Custom SOP class can be configured for specified file extension.	+
Supported modalities		
CR	Computed Radiography modality for diagnostic use.	+
CT	Computer Tomography modality for diagnostic use.	+
DX	Digital Radiography modality for diagnostic use.	+
ECG	Electrocardiography modality for diagnostic use.	+
EPS	Cardiac Electrophysiology modality for diagnostic use.	+
ES	Endoscopy modality for diagnostic use.	+

IO	Intra-Oral Radiography modality for diagnostic use.	+
IVUS	Intravascular Ultrasound modality for diagnostic use.	+
MG	Mammography modality for diagnostic use.	+
MR	Magnetic Resonance modality for diagnostic use	+
NM	Nuclear Medicine modality for diagnostic use.	+
OCT	Optical Coherence Tomography (non-Ophthalmic) modality for diagnostic use.	+
OPT	Ophthalmic Tomography modality for diagnostic use.	+
OP	Ophthalmic Photography modality for diagnostic use.	+
OT	Other modalities for diagnostic use.	+
PT	Positron Emission Tomography (PET) modality for diagnostic use.	+
PX	Panoramic X-Ray modality for diagnostic use.	+
RF	Radio Fluoroscopy modality for diagnostic use.	+
RG	Radiographic imaging modality for diagnostic use.	+
SC	Secondary Capture modality for diagnostic use.	+
SR	Support for SR documents.	+
US	Ultrasound modality for diagnostic use.	+
XA	X-Ray Angiography modality for diagnostic use.	+
XC	External-camera Photography modality for diagnostic use.	+
Licensing options		
Seat Licensing	Seat licensing per user PC.	+
Enterprise Licensing	Enterprise license for institution (seat license - not needed).	+
Operating System support		
Windows	Windows Desktop application. Required: Windows 7/8/10/11 (32/64 bit) or newer.	+
Regulatory		
IHE XDS-I.b	Cross-enterprise Document Sharing for Imaging (XDS-I.b) profile as DOCUMENT CONSUMER (ITI-18, ITI-43, RAD-16, RAD-55, RAD-69 transactions).	+
USA FDA	K222320, 510 (k) cleared for diagnostic use including mammographic images as a class II medical device.	+
Europe CE	Certified as a CE 0197 Class IIb device according to MDR.	+
United Kingdom MHRA	Registered as radiology picture archiving and communication system workstation.	+
Switzerland Registration	Registered as IIB class radiology picture archiving and communication system workstation.	+

Singapore Registration	Registered as a Class B medical device.	+
Malaysia Registration	Registered as an IIB class medical device.	+
Morocco Registration	Registered as a IIB class medical device.	+
Russia Registration	Registered as a Class 2b medical device.	+