

Function	Description	v3.2.0
<b>Main features</b>		
<b>non-DICOM conversion to DICOM</b>	Possibility to convert non-DICOM image, video, and pdf information to DICOM.	<b>+</b>
<b>DICOM Tag modification</b>	Possibility to modify DICOM tags for the patient, and study information.	<b>+</b>
<b>Send to PACS</b>	Possibility to send converted/modified DICOM to PACS.	<b>+</b>
<b>Modality Worklist</b>	Possibility to select patient data from the modality worklist.	<b>+</b>
<b>Folder Scan</b>	Automatic file adding from the monitored folders to the list. File extraction from Zip, 7z, and ISO archive supported. Network shared folder supported.	<b>+</b>
<b>Extract ZIP</b>	Automatic file extraction from Zip, 7z, and ISO archive formats.	<b>+</b>
<b>File List</b>	A detailed list of files for converting, processing, and sending. Network shared folder supported.	<b>+</b>
<b>File info</b>	Detailed information about files to be converted: image preview, image info view, DICOM info and tags view, and DICOM pixel data extraction.	<b>+</b>
<b>REST API</b>	Possibility to initiate actions from another app by using REST API: Modality Worklist search, non-DICOM convert to DICOM, send to PACS.	<b>+</b>
<b>non-DICOM conversion to DICOM features</b>		
<b>Image to DICOM</b>	Possibility to convert JPG, JPEG, BMP, PNG, TIF, and TIFF images to DICOM. Possible to add more image formats.	<b>+</b>
<b>Video to DICOM</b>	Possibility to convert AVI, MPG, MPEG, WMV, MOV, MP4, H264, MKV, FLV, TS, MTS videos to DICOM. Possible to add more video formats.	<b>+</b>
<b>PDF to DICOM</b>	Possibility to convert PDF to DICOM.	<b>+</b>
<b>non-DICOM file data</b>	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.	<b>+</b>
<b>Selectable Modality</b>	Modality selection for converting non-DICOM to DICOM.	<b>+</b>
<b>SOP Class rules</b>	Flexible SOP class rules based on file extension.	<b>+</b>
<b>DICOM Tag modification</b>		
<b>Patient DICOM Tag modification</b>	Possibility to modify Patient DICOM Tags: Patient ID, BirthDate, Sex, Name.	<b>+</b>
<b>Study DICOM Tag modification</b>	Possibility to modify Study DICOM Tags: Study ID, Accession no, Description, Charset.	<b>+</b>
<b>Modality Worklist</b>		
<b>Modality worklist search</b>	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.	<b>+</b>
<b>Modality worklist results</b>	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.	<b>+</b>

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

<b>IO</b>	Intra-Oral Radiography modality for diagnostic use.	<b>+</b>
<b>IVUS</b>	Intravascular Ultrasound modality for diagnostic use.	<b>+</b>
<b>MG</b>	Mammography modality for diagnostic use.	<b>+</b>
<b>MR</b>	Magnetic Resonance modality for diagnostic use	<b>+</b>
<b>NM</b>	Nuclear Medicine modality for diagnostic use.	<b>+</b>
<b>OCT</b>	Optical Coherence Tomography (non-Ophthalmic) modality for diagnostic use.	<b>+</b>
<b>OPT</b>	Ophthalmic Tomography modality for diagnostic use.	<b>+</b>
<b>OP</b>	Ophthalmic Photography modality for diagnostic use.	<b>+</b>
<b>OT</b>	Other modalities for diagnostic use.	<b>+</b>
<b>PT</b>	Positron Emission Tomography (PET) modality for diagnostic use.	<b>+</b>
<b>PX</b>	Panoramic X-Ray modality for diagnostic use.	<b>+</b>
<b>RF</b>	Radio Fluoroscopy modality for diagnostic use.	<b>+</b>
<b>RG</b>	Radiographic imaging modality for diagnostic use.	<b>+</b>
<b>SC</b>	Secondary Capture modality for diagnostic use.	<b>+</b>
<b>SR</b>	Support for SR documents.	<b>+</b>
<b>US</b>	Ultrasound modality for diagnostic use.	<b>+</b>
<b>XA</b>	X-Ray Angiography modality for diagnostic use.	<b>+</b>
<b>XC</b>	External-camera Photography modality for diagnostic use.	<b>+</b>
<b>Licensing options</b>		
<b>Seat Licensing</b>	Seat licensing per user PC.	<b>+</b>
<b>Enterprise Licensing</b>	Enterprise license for institution (seat license - not needed).	<b>+</b>
<b>Operating System support</b>		
<b>Windows</b>	Windows Desktop application. Required: Windows 7/8/10/11 (32/64 bit) or newer.	<b>+</b>
<b>Regulatory</b>		
<b>USA FDA</b>	K222320, 510 (k) cleared for diagnostic use including mammographic images as a class II medical device.	<b>+</b>
<b>Europe CE</b>	Certified as a CE 0197 Class IIb device according to MDR.	<b>+</b>
<b>Canada Registration</b>	Registered as a Class 2 medical device.	<b>+</b>
<b>United Kingdom MHRA</b>	Registered as radiology picture archiving and communication system workstation.	<b>+</b>
<b>Switzerland Registration</b>	Registered as IIB class radiology picture archiving and communication system workstation.	<b>+</b>

<b>France Registration</b>	France Registration Registered as an IIB class medical system.	<b>+</b>
<b>Singapore Registration</b>	Registered as a Class B medical device.	<b>+</b>
<b>Malaysia Registration</b>	Registered as an IIB class medical device.	<b>+</b>
<b>Morocco Registration</b>	Registered as a IIB class medical device.	<b>+</b>
<b>Russia Registration</b>	Registered as a Class 2b medical device.	<b>+</b>