



Product **CATALOGUE**



MEDORO s.r.o.

Štrossova 567

530 03 Pardubice

Czech Republic

✉ sales@dicompass.cz

☎ +420 463 356 445

www.dicompass.cz



DICOMPASS GATEWAY

Certified product family

DICOMPASS CLOUD

DICOMPASS GATEWAY

DICOMPASS CAMERA

DICOMPASS DIGITALIZATION



Dicompas Gateway
usecases



Dicompas Gateway
references



DICOM Conformance
Statement



EN ISO 13485:2016
Certificate



CE
Certificate



Declaration
Of Conformity

DICOMPASS CLOUD



Cloud PACS & Zero footprint HTML5 DICOM Web viewer

The fastest and the most simple and the most cost - effective solution for DICOM data storage and viewing.

All data is archived in DICOM format in the cloud-based archive Microsoft Azure certified for healthcare. It is safe and well suitable for daily routine as well as for long-term archiving.

Dicompass CLOUD communicates with all common standards, such as DICOM, HL7 and XDS. In case of need we are also able to connect other interfaces on request.

Outstanding freedom

Freedom of data access

You can easily access and exchange your data worldwide using cloud services. You can feel an outstanding independence using our Dicompass CLOUD solution. It is not just about the exchanging of DICOM data. Thanks to built-in tools you can easily do on-line consultation, second opinion request or on-line presentation.

Freedom of modality connection

Dicompass CLOUD provides connection of all digital modalities into cloud storage system. Data from the modalities are transferred easily in DICOM format over software cloud connector running on common PC or using specialized hardware box solution. You are also able to upload easily to cloud PACS images from other sources [CD, memory cards, USB sticks etc.].

Freedom of cost-effectiveness

Using cloud services you can pay only for what you really need. You can leave costs for hardware maintenance, IT staff and software upgrades behind.



More information



DICOMPASS GATEWAY

Comprehensive DICOM solution

Dicompass Gateway is new modern all-you-need system which covers requests for archiving, sharing, distributing and viewing image data in DICOM format.

Its completely revolutionary feature is the integration of the PACS archive, DICOM web viewer and other products into one environment. This enables very simple integration of all products and transfer of information and data between them. The user thus works in a single environment with several products or modules. For example, with the appropriate assigned rights, the user is able to edit patient's data or transfer poorly scanned images or series to another patient directly from the viewer environment.

The unity of clinical and data management space makes all acts very fast and effective. User-right management and audit logs grants security and traceability. Dicompass Gateway is certified as a class II.b medical device.



More information



DICOMPASS GATEWAY WEBVIEWER

A cross-platform DICOM web viewer
supporting installation-free and traceless technology.

Clinical licence main features:

Basic image operations - 2D measurement - Workspace layout customization Wide range of user settings - Wide range of image import and export filters Multiple screen support - Advanced search filters across archives Timeline approach - Anonymization - Wide range of image postprocessing filters

Diagnostic licence plus features:

3D volumes - Accelerated ing of MPR, MIP, MinIP, SSD, VRT, Curved MPR Display MIP - Image fusion - Export MPR, MIP - Rotating by any angle Exports between DICOM and other formats - Hanging protocols - Automatic synchronization

DICOM Web Viewer plus features:

DICOM video trimming and editing - Worklist creation based on HL7 messages Or based on tags, new worklist can be created automatically or images can be assigned to an existing list. LDAP/AD - Audit records - Digitization / Dicomization of captured video signal or non DICOM images - Displaying Waveforms

Online consultation takes place among internal users or with external users in a secure manner. External users have only limited access and are separated from other data. All performed operations are smooth, fast and in full quality even using low level internet connection.

Cross platform viewer

No installation needed

Central user management

Fully customizable environment

Online consultation tools

Full-fledged PACS

enables image data storage and distribution supporting most of SOP classes. Modular architecture allows easy adding of new features.

DICOMPASS GATEWAY ARCHIVE



Stable

Reliable

Safe

Scalable

Modules

Integration – connecting Gateway with other IS using HL7

Prefetch – fully automatic image data pre-loading based on HL7 messaging

Autrouting – fully automatic image data redistribution

Data access management – control access to application by set of processes

AD/LDAP connector – user management

Data Compression – save you disk space

Audit – all actions auditing

Application prefetching – used especially in cooperation with the different viewers then Dicompass Viewer

Replication – it allows „double mode“ of two working servers (primary and secondary). In case of any issue recovery is very easy.

Categorization – it allows „to tag“ any date with special customizable labels which serve as a searching hint for certain type of examination



More information

DICOMPASS DIGITALIZATION

Recording images and videos to DICOM.



Dicompass Digitalization is a medical certified hardware solution which saves videos using H.264 or static images using JPEG. Then converts data into DICOM format and over DICOM communication send to PACS.

It can be generally used for recording from any videosource but mostly it is used at the operation wards (e.g. laparoscopy, arthroscopy and open operation from light cameras) and GIT and ENT ambulatories (e.g. colonoscopy, gastroscopy etc.).

It works with DICOM modality worklist and can be operated right from endoscope head buttons.

Record control	Via web application (HTML5) PC / tablet / mobile / iPad / directly
Integration options	User authentication over Active Directory / LDAP
Patient selection	Full support of Modality Worklist (MWL) Manual entry supporting autocomplete
Supported data format	DICOM (JPEG,MPEG4)
Editing records	Rotate, trim and crop
Picture/Video capture control	Camera head, USB pedals, web app.
Stream	RTSP, HLS, WebRTC
Video conferencing	Microsoft Teams, Google Meets, Cisco Webex, Zoom, Whereby, Skype etc.
Medical PC	CPU:i5,RAM:16GB,SSD 256GB - 4TB
Video input interface	12G-SDI 4K HDMI ,DP,DVI COMP. S-V
Number of video inputs	up to 4 video inputs

The whole solution (hardware and software) has a medical certification and it is suitable to be used in top clean spaces.



More information

DICOMPASS CAMERA

Snap it into DICOM!



Take a picture with your phone, tablet or camera with Android or iOS right to the DICOM format and send it online to Cloud PACS or any other PACS.

Dicompass Camera is a great tool for everyone who needs to follow up any visual patient information e.g. skin findings in dermatology, decubitus healing in nurse care, pre and post records in the plastic surgery, microscope image or macro image in pathology and posture images in rehabilitation and etc.

Working with worklist or scanning QR or regular barcode with patient ID you can just take a picture and it can be automatically send to the PACS. You can do editing and postprocessing of image data (choose, delete, crop etc.) before you send it out.



Patient selection

Full support of Modality Worklist (MWL)
Manual entry supporting autocomplete
QR code ID reading

Localization option

Body part selection
Finding description

Supported data format

DICOM image (JPEG/Little Endian)
DICOM video (H.264)

Sharing options

Google drive, Dropbox, E - mail



iOS & Android version available

[More information](#)



ARTIFICIAL **INTELLIGENCE**

Dicompass family products
are fully compatible
with AI providers.

YOUR NOTES



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