

DIAGNOSTIC IMAGING IT

# MEDICAL IMAGES, DATA & DOCUMENTS AT YOUR FINGERTIP. ANYTIME. ANYWHERE.

FAST AND EASY ACCESS TO IMAGES FROM DIFFERENT DEPARTMENTS

# TABLE OF CONTENTS

<b>CONTEXT</b> A DIAGNOSTIC, MULTIDISCIPLINARY VIEWER FOR THE WHOLE INSTITUTION	5
<b>NEEDS</b> FACING CHALLENGES	7
<b>SOLUTION</b> BRINGING TO LIGHT: A WEB-BASED UNIVERSAL VIEWING SYSTEM	9
TOGETHER WE BUILD YOUR ENTERPRISE CONTENT STRATEGY	11
ENHANCED CAPABILITIES FOR RADIOLOGY	13
LET'S DISCOVER THE POSSIBILITIES OF THE PATHOLOGY EXTENSION	15
ENHANCED CAPABILITIES FOR CARDIOLOGY	19
<b>VALUE</b> UNIVERSAL VIEWING	21
YOUR BENEFITS	23





## A DIAGNOSTIC, MULTIDISCIPLINARY VIEWER FOR THE WHOLE INSTITUTION

Enterprise imaging is getting more important for healthcare institutions to allocate resources, to help cross-departmental collaboration and to guarantee an improvement in the daily workflow.

We believe in the benefits that an enterprise imaging approach can offer you and your patients by facilitating faster diagnosis.

That's why we worked on an easy to access web-based, diagnostic viewing system for accessing images and documents at any place within your hospitals.

**DeepUnity Viewer\*** plays a vital role in the enterprise imaging approach, serving as a medical device that hospitals utilize to streamline workflows, save time and resources.



*\*Market availability depends on the country. Please get in contact with us or your local Dedalus sales contact*

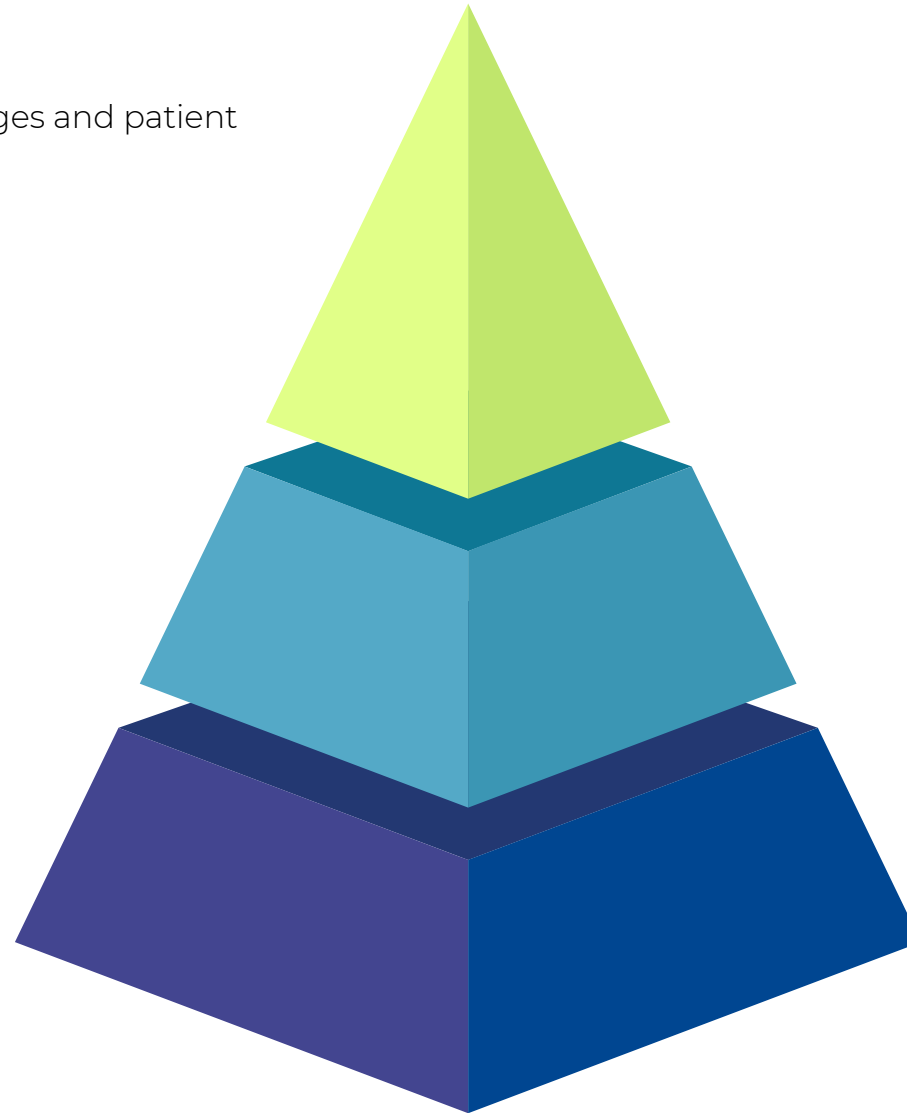
## FACING CHALLENGES

Usually there are different solutions for accessing images and patient related documents in each hospital department.

Challenges are:

### Different solutions

Physicians need to use various applications for different medical specialties to get the overall view of the patient



### Stationary Access

Specialized workstations tie medical staff down to a locality and take away freedom of workplace choice

### Accessing archives & modalities

Data stored in divergent DeepUnity archives often cannot be accessed at once and viewed together at the same time; as it is similar with modalities

# BRINGING TO LIGHT: A WEB-BASED UNIVERSAL VIEWING SYSTEM

DeepUnity Viewer is designed to ensure unified access to all medical data.

DeepUnity Viewer offers:

## One Viewing solution

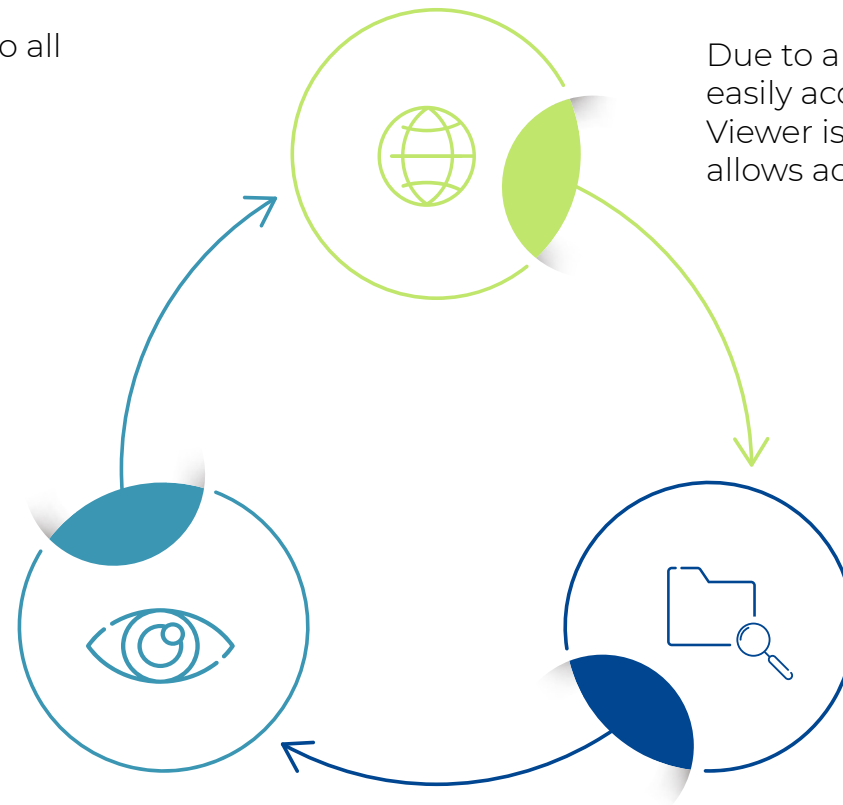
Bringing examinations, medical documents and images from different specialties together in a universal solution

## Remote work

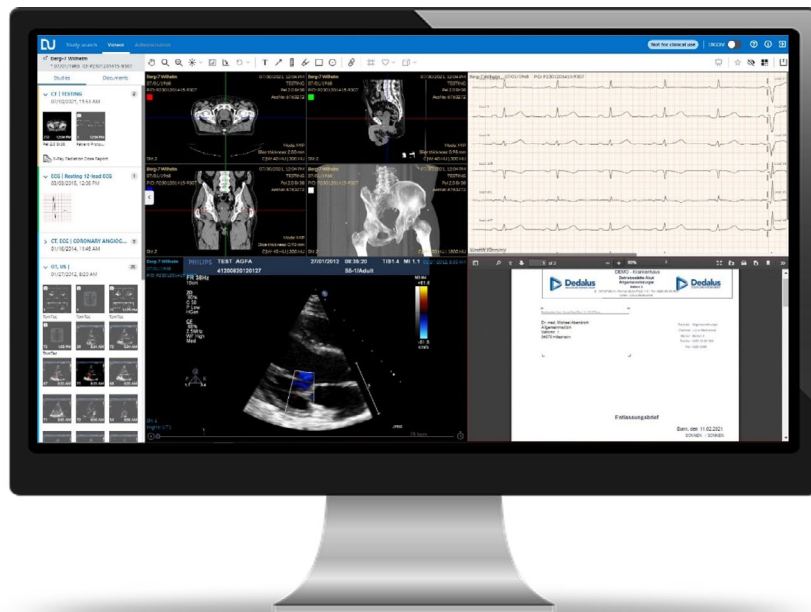
Due to a web-based interface healthcare professionals can easily access images and documents remotely. DeepUnity Viewer is designed as a "location agnostic" application that allows access to medical data from anywhere

## Always available data

One application offering uniform access to patient data from different DeepUnity archives and modalities



# TOGETHER WE BUILD YOUR ENTERPRISE CONTENT STRATEGY



## Cutting edge technology

DeepUnity Viewer is built on a state-of-the-art platform technology that offers automated deployment processes and high availability of DeepUnity applications

### Clinical-wide access

Accessing medical content via web-application – secure and fast.

### All in one application

Images and documents directly accessible

### Export or printouts

Direct export or printouts of the screen as JPG - Printing out annotated images

### Annotation of images

Insert annotations directly into the image

### Multidisciplinary approach

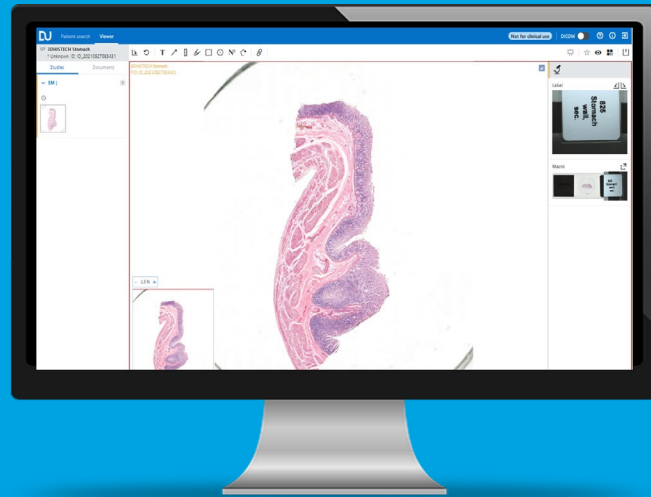
Images from different specialities

## ENHANCED CAPABILITIES FOR RADIOLOGY



- Multi-modality support
- Linking of multiple series for easy navigation
- Multiplanar reconstruction:
  - Axial, sagittal and coronal 2D views
  - 3D volume rendering
  - Linked navigation of multiple MPRs within and across studies
- Support of key images and presentation states
- Multiple measurement and annotation tools
- Cine mode

## LET'S DISCOVER THE POSSIBILITIES OF THE PATHOLOGY EXTENSION



- Annotation tools & counting tool
- Synchronization of two slides
- DICOMization of slides

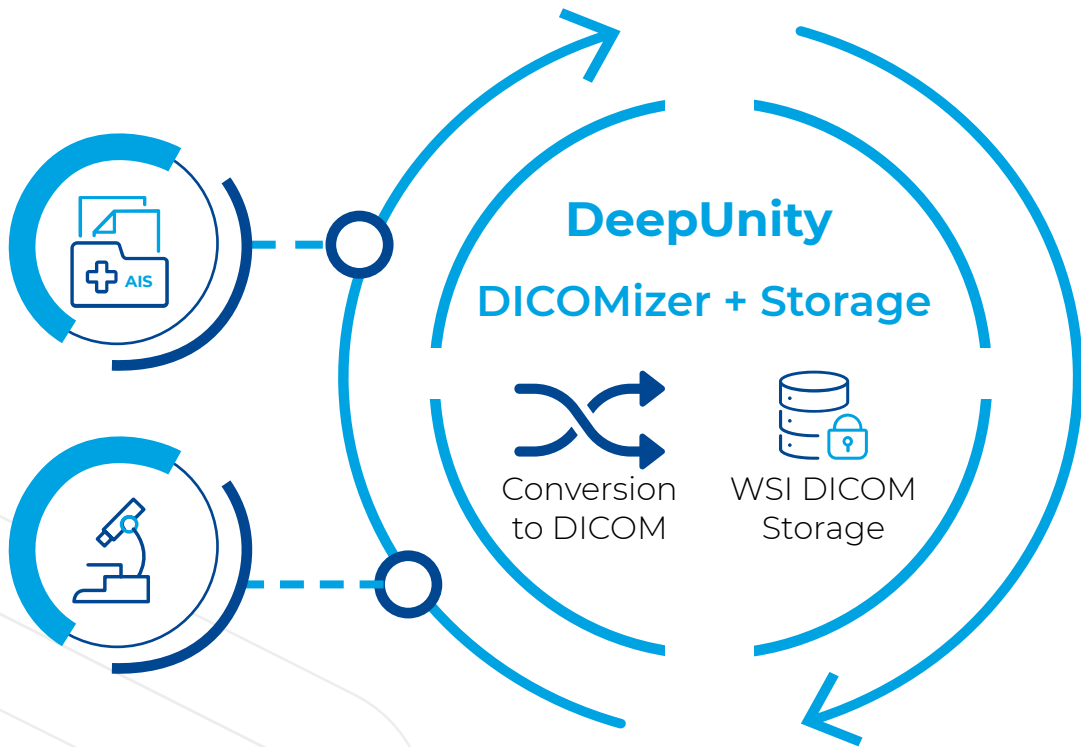
- Patient context:  
Populate images with patient information to  
always guarantee patient context

*\*The medical device certification does not apply for the pathology capability yet.*



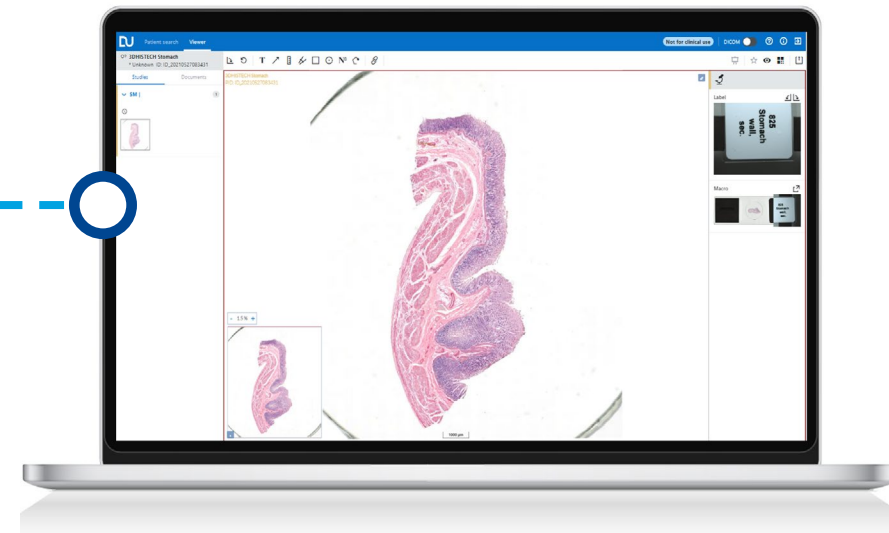
# LET'S DISCOVER THE POSSIBILITIES OF THE PATHOLOGY EXTENSION

## Pathology\*



### Archiving Highlights

- Fast, robust and scalable archiving
- Open standard communication (FHIR/HL7) and multi-tiered storage
- Automatically DICOMization of slides



**Can be used with the majority of scanners:**  
Staying independent from WSI Scanners

*\*The medical device certification does not apply for the pathology capability yet.*

# ENHANCED CAPABILITIES FOR CARDIOLOGY



Support of 12-lead, 15-lead and 18-lead ECGs

- Presentation of all leads in one view
- Multiple layouts
- Supports majority of ECG vendors
- Caliper tool to measure ECG intervals

Display of up to four different ECGs for easy comparison

Cine functionality to animate blood flow and other cardiovascular processes in real time

VALUE

## UNIVERSAL VIEWING

### IT Infrastructure



Accessing archives due to standard DICOM communication with FHIR



Secure authentication

### Image & Document Sharing Possibilities



Fast sharing of images and results



Improvement of institutional-wide collaboration



Access anywhere at anytime within your institution

### Remote Work



Higher comfort through the possibility to work from home



Secure access to medical content

### Better User Experience



Images from multiple medical specialities accessible in a single viewer

### Pathology Workflow Improvement



Ability to populate images with patient information to always guarantee patient context

### Unified Access



Supports a multidisciplinary approach. Special tools for Radiology, Pathology and Cardiology



Images and documents accessible from one system

### Lengenda



Lower costs



Smoother workflow



Higher Security



Time saving

## YOUR BENEFITS



### FROM A BUSINESS PERSPECTIVE

- **Partner approach:** We help you in setting up an enterprise imaging strategy
- **Improve** institutional-wide **collaboration** through fast web-based image and document accessing
- Only **one system** needed for a multidisciplinary approach
- State-of-the-art platform technology to **reduce IT maintenance** and **higher application availability**



### FROM AN IT PERSPECTIVE

- Zero footprint **web-based** application
- **Seamless interoperability** with your IT landscape
- Images from multiple medical disciplines in one single viewer
- **Scalable** and multi-tiered **archiving solutions** complement the offer
- Benefit from DeepUnity Platform: Automatic deployments and parallel operation of multiple software instances enable **fail-safe** and **simplified deployment** of new releases, **saving time** and **costs**



### FROM A USER PERSPECTIVE

- **Enable** the possibility for **remote work**
- **Web-access** – everywhere in your institution, any time
- **Quick access** of **medical content** within your institution
- **Less time** for accessing patient related medical data
- **Measuring Tools** included



# Dedalus

Life flows through our software

## ABOUT DEDALUS

Dedalus Group is the leading healthcare and diagnostic software provider in Europe, supporting the digital transformation of 6300 hospitals and 5700 Laboratories worldwide, processing its solutions for more than 540 millions of population worldwide. Dedalus supports the whole continuum of care, offering open standards-based solutions serving each actor of the Healthcare Ecosystem to provide better care in a healthier planet.

Life flows through our software.

For more information, visit [www.dedalus.com](http://www.dedalus.com)

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