DIAGNOSTIC IMAGING IT

DISCOVER A VENDOR NEUTRAL ARCHIVE THAT REPRESENTS THE CORE FOR YOUR ENTERPRISE CONTENT STRATEGY

A VENDOR NEUTRAL ARCHIVE FOR THE WHOLE INSTITUTION

www.dedalus.com

DeepUnity eVNA

TABLE OF CONTENTS

www.dedalus.com

DIAGNOSTIC IMAGING IT

THE RISE OF VENDOR NEUTRAL ARCHIVES

With the use of PACS, various problems arose over time. Clinical-wide access of images has been complicated through departmental hardware & software restrictions. Hurdles are also being seen when switching a PACS vendor.

Our goal is to help healthcare institutions to overcome these hurdles by building together a strong enterprise content strategy. For that, we have created a vendor neutral solution that exceeds available solutions by far.

DeepUnity eVNA is more than just a simple VNA, it represents **the core of an enterprise content strategy** by removing boundaries set from different solutions and by **consolidating image** management with the **document management.**
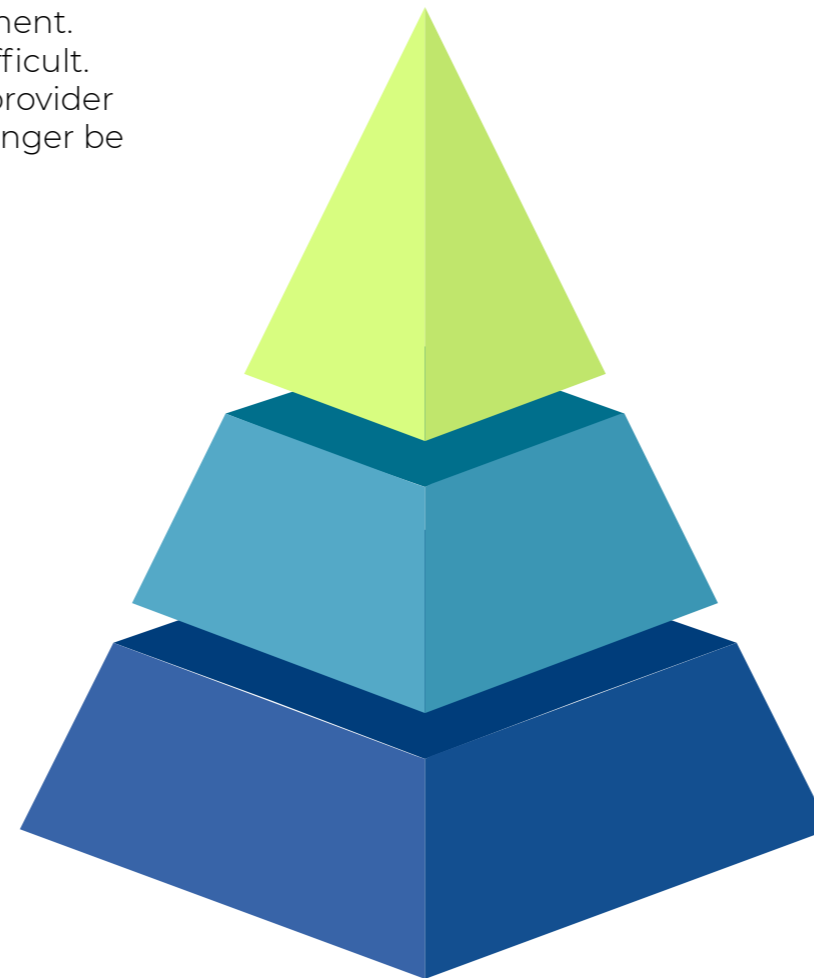
FACING CHALLENGES

PACS are typically limited to a single system and department. This makes clinic-wide and cross-clinical collaboration difficult. Another problem is that the type of storage varies from provider to provider. Images stored in the original PACS may no longer be retrievable when changing a PACS provider.

Challenges are:

Keep overview of data

Data is generated in different formats and stored in different archives. Difficulties appear when solutions cannot communicate in the right manner with each other. Data cannot be accessed or can get lost.

Various applications

Different solutions are used to store, manage and access the data. To find the right information about one patient, it can be a time-consuming task.

High Cost

- The high number of solutions used increases the operational costs as well as the costs for maintenance.
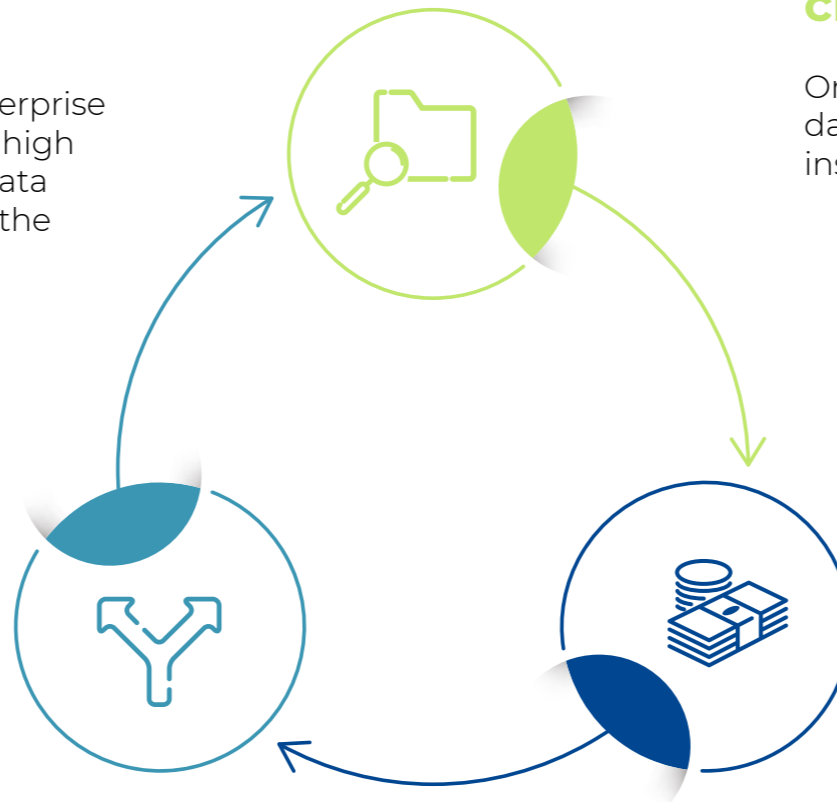- Information can be lost and duplicate examinations have to be carried out.

DIAGNOSTIC IMAGING IT

DISCOVER A VENDOR NEUTRAL ARCHIVE THAT REPRESENTS THE CORE FOR YOUR ENTERPRISE CONTENT STRATEGY

DeepUnity eVNA is designed to be the core of your enterprise content strategy and supports multi-ology through its high interoperability, ensures unified access to all medical data and has sharing capabilities for medical content. Even the capturing of images is supported.

DeepUnity eVNA has been developed to:

Improve clinical-wide data access & cross-clinical data exchange

One unified, institutional-wide access point for all medical data allows a better cooperation of all departments within the institution and faster access to important patient data.

Remove silos

DeepUnity eVNA is vendor neutral and highly interoperable. Therefore it can be connected to other solutions easily through use of communication standards as Hl7, DICOM, IHE, FHIR, CDA.

Decrease costs

One consolidated solution for archiving data will decrease costs due to less needed hardware & software. This leads to the effect that additionally the operating and maintaining costs will decrease.

www.dedalus.com

9

DIAGNOSTIC IMAGING IT

TOGETHER WE BUILD YOUR ENTERPRISE CONTENT STRATEGY

Workflow support

DeepUnity eVNA is designed to be the core of your enterprise content strategy and offers a lot of workflow supports for DICOM & Non-DICOM data

Document exchange

We offer different sharing possibilities; from CD/DVD burning to web-based and cloud-native options, respecting your needs and preferations
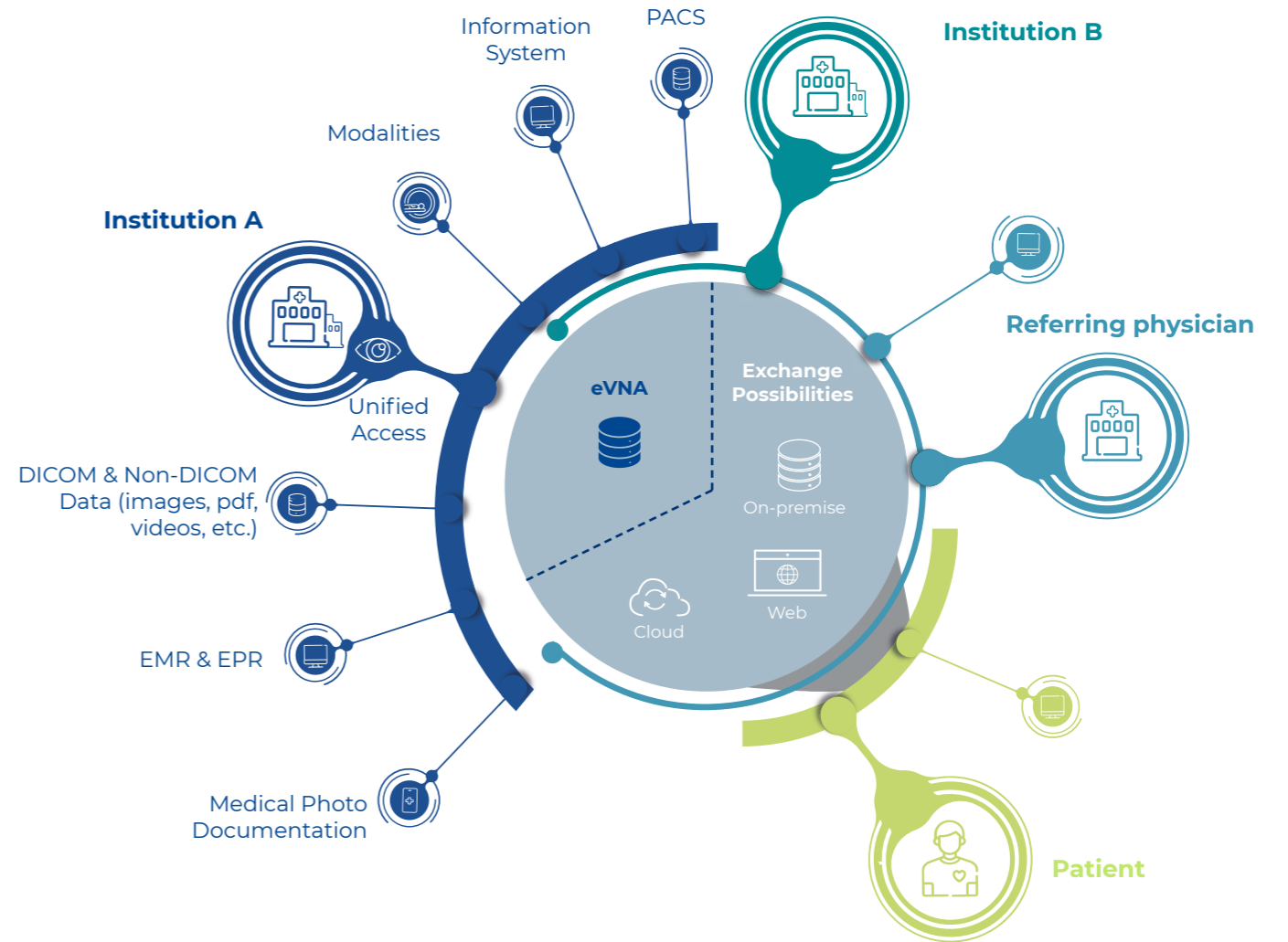
Highly interoperable

Built on the foundation of different interoperability standards - HL7, DICOM, IHE, FHIR, CDA

Unified access

Accessing and viewing medical content nevertheless if it is an image or a document

Cutting edge technology

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

Information System
PACS
Institution B
Modalities
Institution A
eVNA
Exchange Possibilities
Unified Access
On-premise
Referring physician
DICOM & Non-DICOM Data (images, pdf, videos, etc.)
Web
Cloud
EMR & EPR
Medical Photo Documentation
Patient

DIAGNOSTIC IMAGING IT

Dedalus

ENHANCED TECHNOLOGY

Archiving

⟳ Long term archiving for each medical content for fast access to backups

⟳ Easy integration into EMR

🛡 Audit-proof Archiving: All functions are developed strictly in accordance with legal requirements

Image & Document Capturing

⏱ Supports images capturing and archiving via app

⟳ Scan and archive documents for a paperless hospital

⟳ Create direct patient context for images

Image & Document Exchange Possibilities
via CDs/DVDS | via web-link | via cloud-native portal

⏱ Fast sharing of results within or outside of your institutions

💲 Option to reduce costs in distributing studies through physical supports (CDs/DVDs/USB etc.)

🛡 Ensured protection of patient privacy

⟳ Improvement of clinical-wide and cross-clinical collaboration

Medical workflow support

💲 Optimize workflows for less needed steps

⟳ Workflow integration with EMR, ERP, HR, etc.

⟳ Capture & upload images with patient context

Unified Access

⏱ Access medical content everywhere within your institution

⟳ Accessible on any device

💲 Consolidated solution to reduce hardware and software needs

Lengenda

💲 Lower costs

⟳ Smoother workflow

🛡 Higher Security

⏱ Time saving

DIAGNOSTIC IMAGING IT

Dedalus

YOUR BENEFITS

FROM A BUSINESS PERSPECTIVE

- **Partnership approach:** Together we help you to design your enterprise content strategy

- A unified, clinical-wide access guarantees less needed hardware & software which leads to a **lower total cost of ownership**

- Latest platform technology to **reduce IT maintenance** and having a **higher application availability**

- **Strengthen collaboration** through a multi-ology approach. Connect PACS from different medical specialties

- Manage a single archive for all clinical data

FROM AN IT PERSPECTIVE

- **Improved technology management** through control and synergies in information lifecycle management

- **Higher interoperability** through a standardized communication

- Different workflow support and optimization

- **Lower total costs of ownership**. Less hardware & software needed due to consolidated solution with clinical-wide data access

- Benefit from DeepUnity Platform: Automatic deployments and parallel operation of multiple software instances enable **fail-safe** and s**implified deployment** of new releases, **saving time** and **costs**

FROM A USER PERSPECTIVE

- Different **workflow** support and **optimization**

- One **unified access** point for **all medical data**

- **Sharing medical content** with other institutions, referring physicians and patients easily, secure and fast

www.dedalus.com

15

DIAGNOSTIC IMAGING IT

Dedalus

Life flows through our software

ABOUT DEDALUS

Dedalus is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus enables a revolutionary digital transformation of country-wide Healthcare Systems fully supporting the patient digital journey. Dedalus serves more than 6,100 private and public hospitals across 40 countries, through more than 5,500 highly specialized resources, of which 2000 are dedicated to R&D activities. We aim to help caregivers and healthcare professionals to deliver better care to the communities they serve and for this reason we are very proud of doing a special job, working with healthcare organisations to improve healthcare outcomes for patients.

Life flows through our software.

For more information, visit www.dedalus.com

www.dedalus.com

www.dedalus.com