

A male doctor in a white lab coat and a female nurse in blue scrubs are walking down a hospital hallway. The doctor is holding a tablet, and the nurse is pointing at the screen. In the background, another person in a white lab coat is walking away. The scene is brightly lit with a cool blue color palette.

**What if a PACS could grow patient referrals
by 10% in one year?**

A male doctor in a white lab coat and a female nurse in blue scrubs are walking down a hospital hallway. The doctor is holding a tablet, and the nurse is pointing at the screen. In the background, another person in a white lab coat is walking away. The scene is brightly lit with a cool blue color palette.

**What if a PACS could reduce costs
by 50% and increase your service?**

A male doctor in a white lab coat and a female nurse in blue scrubs are walking down a hospital hallway. The doctor is holding a tablet, and the nurse is pointing at the screen. In the background, another person in a white lab coat is walking away. The scene is brightly lit with a cool blue color palette.

**We believe
PACS is cloud**

Hi, we're DOBCO Medical Systems

Not your typical PACS vendor

but very proud to be part of the  **Dedalus** group



Tap into **the native cloud.**

A proven, sustainable & reliable medical imaging partner

2011

Founded &
based in Belgium

300+

customers

8

countries

14M+

DICOM studies / year

500k

logins per month

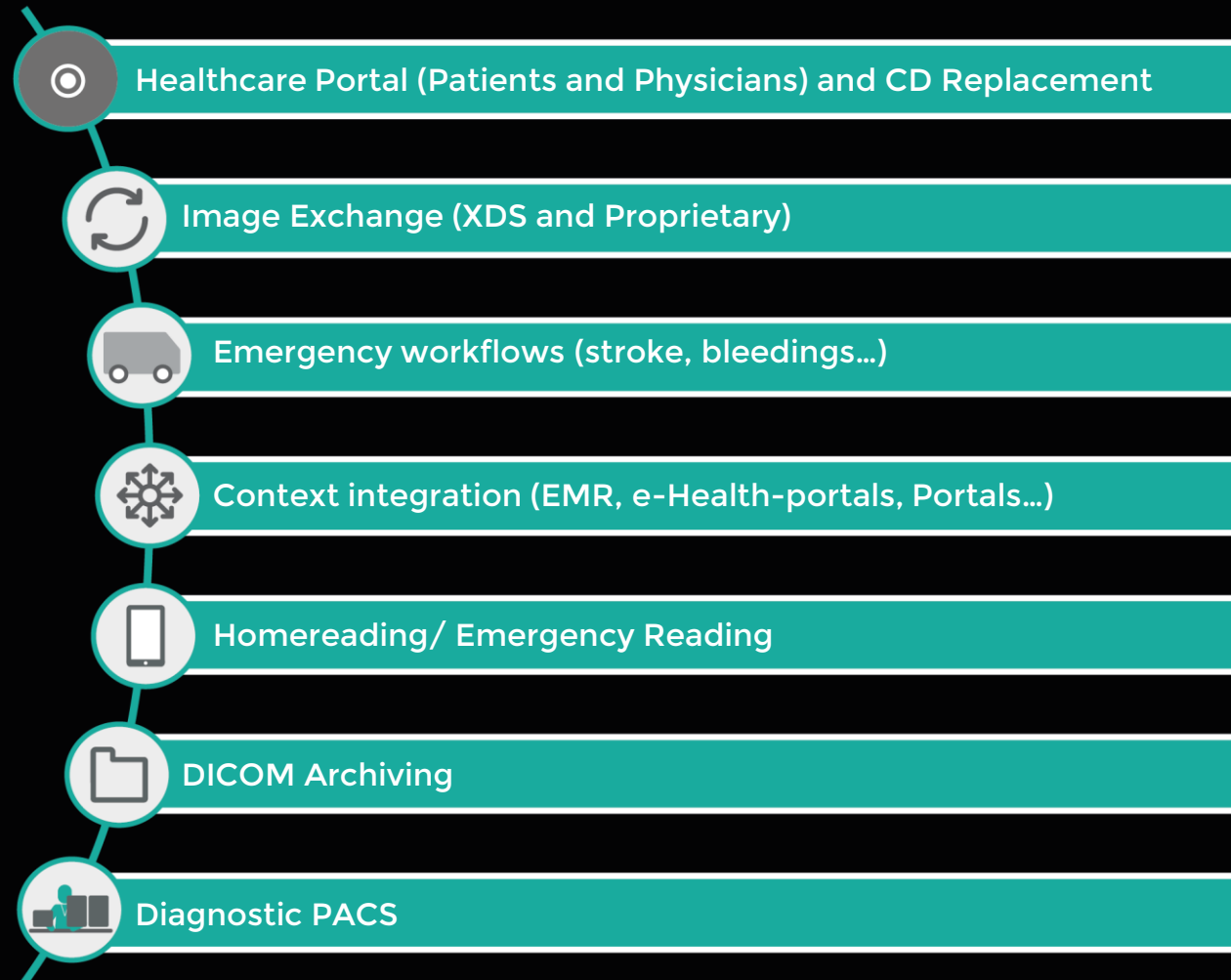
18,5M

DICOM images / DAY

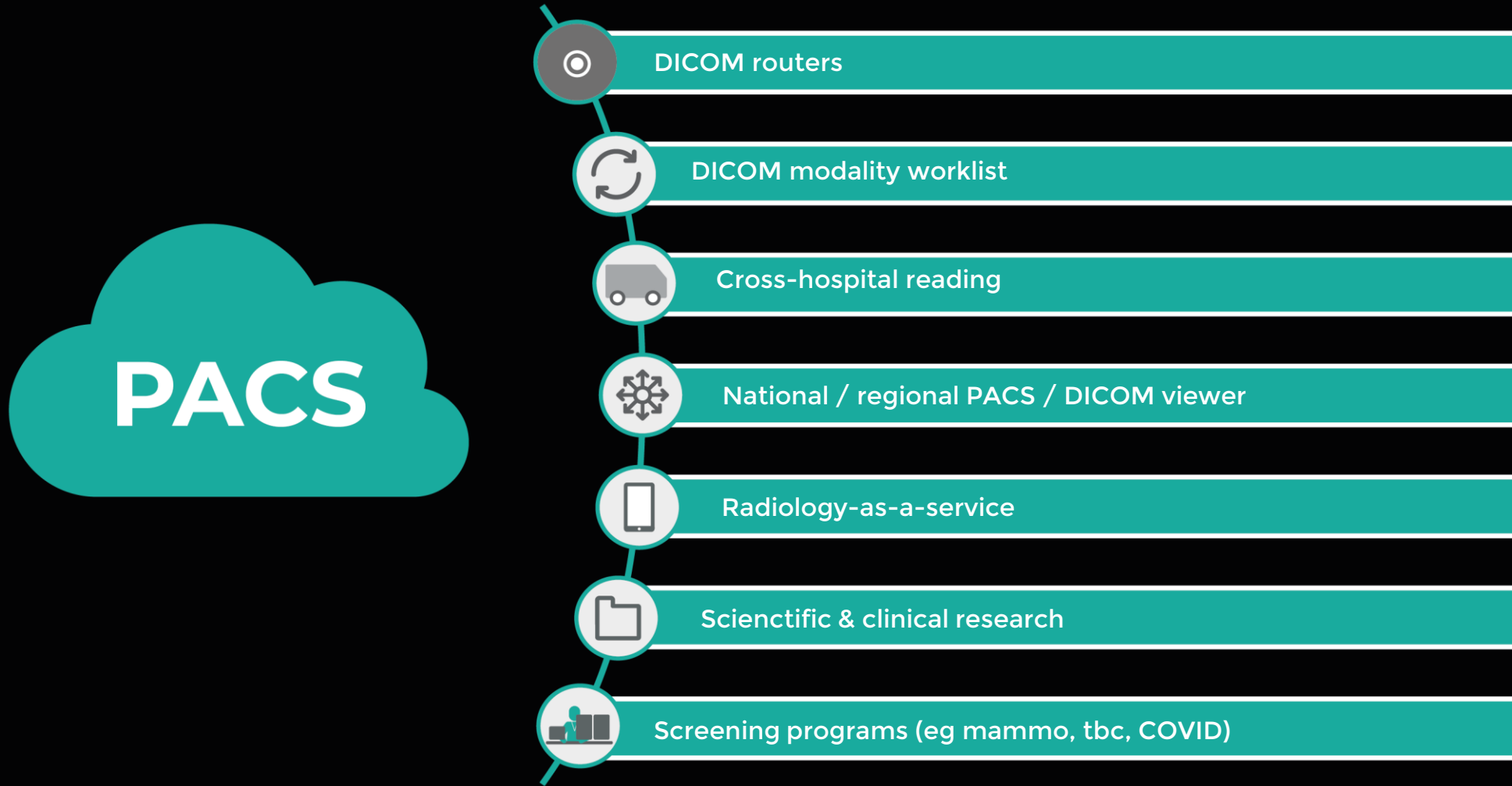
- Experts in medical imaging, medical standards & IHE
- Focus only on pure web technology and cloud-based medical imaging solutions
- We define customer service as an attitude



Business and workflow problems that PACSonWEB solves (1)



Other functions and edge cases that PACSonWEB solves (2)





More patients
Lower cost

More patients: because a native cloud-based PACS solution improves the service towards you and your customers.

Managing your medical imaging services



PACS

Delivering your medical imaging services



- Cloud = true ZFP teleworking
- pure web multi-monitor
- Easy integration of AI tools
- Collaboration with other hospitals
- Cross-hospital patient timeline

- Fast & easy access to results for authorised physicians
- Fast & easy access for patients
- 1 helpdesk for ALL endusers
- Secure & compliant
- One system with one viewer

Lower Cost: because a cloud-based solution resolves the limitations of an on-site system and reduces the need for local IT support

Dependent on your local system

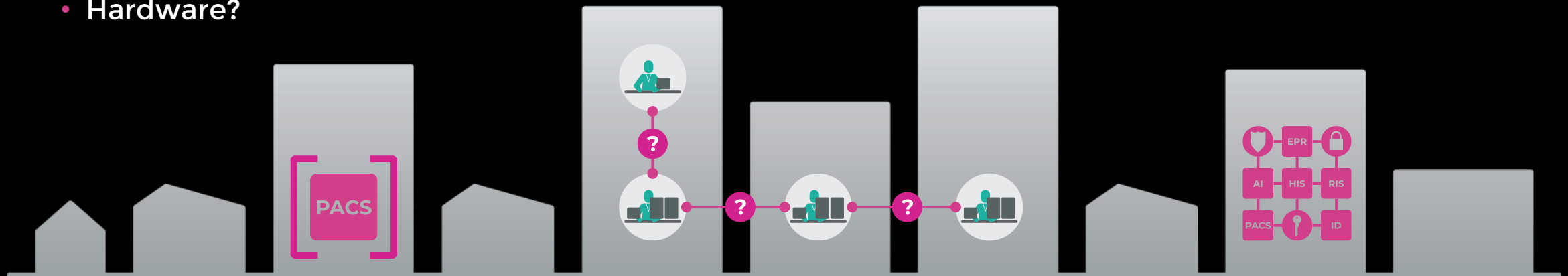
- Installation, administration, and upgrading?
- Scalable?
- Latest version?
- Support?
- Hardware?

Confined to your silo

- External access?
- Anywhere & anytime?
- External sharing and collaboration?
- Access to any AI?

Tied to costs & complexity

- Many different processes supported by mix of systems?
- Multiple partners and services?



Only a **true native cloud-based** PACS solution is as easy as Google on your smartphone



'Cloud' as an add-on option

- Still requires local installation
- Silos remain, in the data centre
- Additional investments for upgrading, upscaling, ...



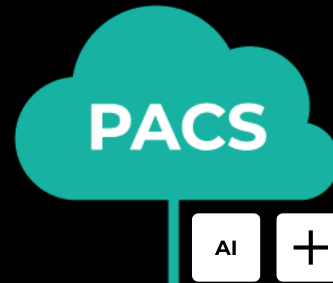
True native cloud: one shared platform

- **Everything in the data centre.** Just connect to it, no installation.
- **Shared resources:** functionality, services and data available for any user with the right permissions, inside and outside the organisation.
- **Everything built-in:** collaboration, authentication, security, privacy compliance, upgrades, ...

PACSonWEB cloud platform offers ultimate simplicity

- ✓ **No installation,** simply connect and log in.
- ✓ Access to all shared data & functionalities – cross-hospital.

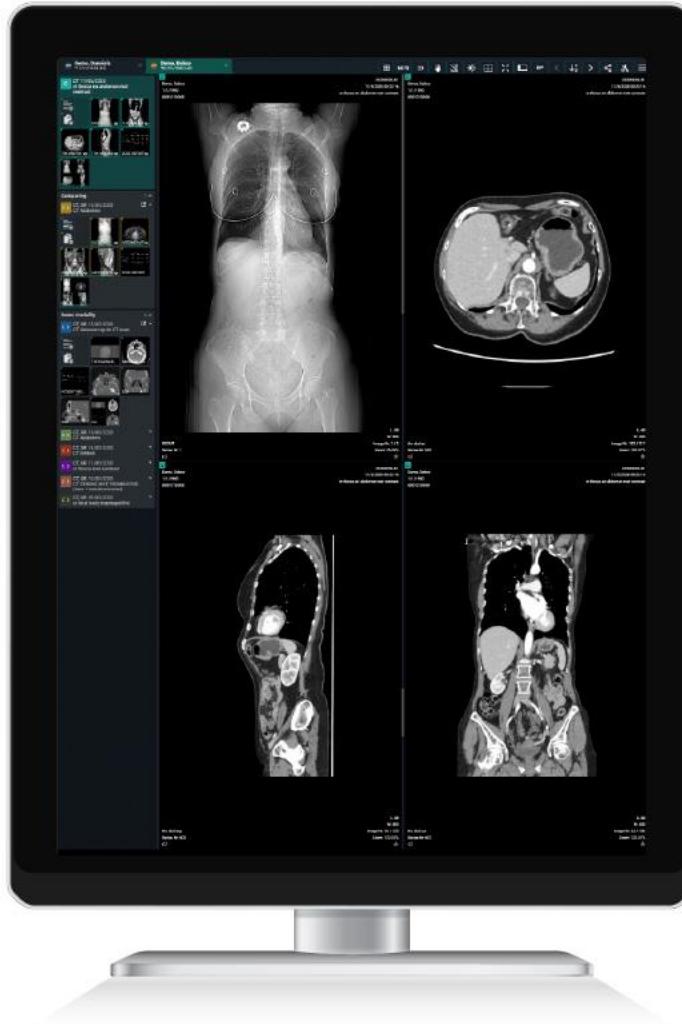
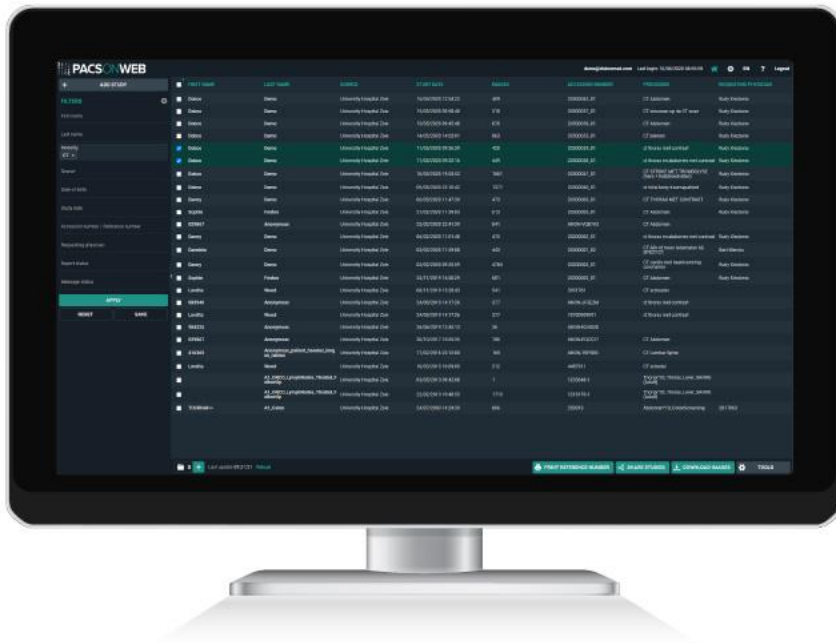
- ✓ **Multitenant.** Don't install PACS in the hospital, connect the hospital to it.



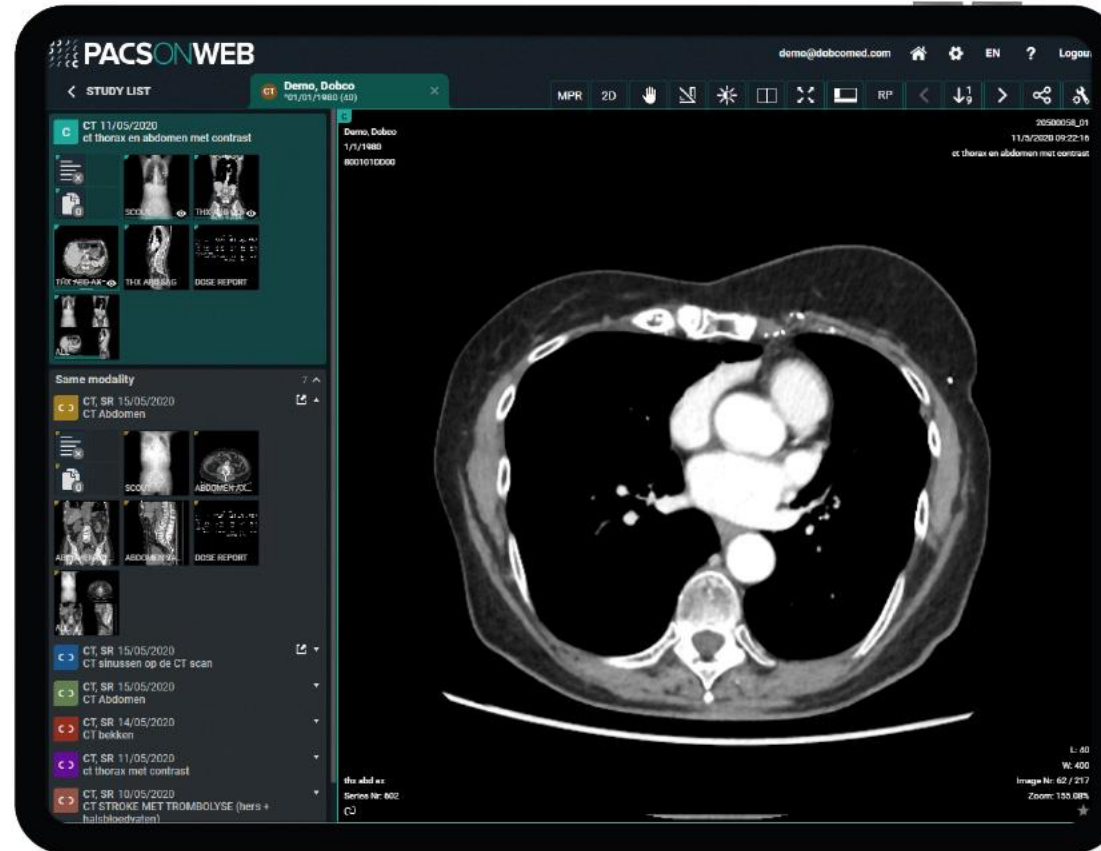
- ✓ **One single system,** one single viewer, all workflows supported.
- ✓ Always up-to-date & highly scalable.

- ✓ **Secure & compliant by design.**
- ✓ Excellent user experience on any device, anywhere & anytime.

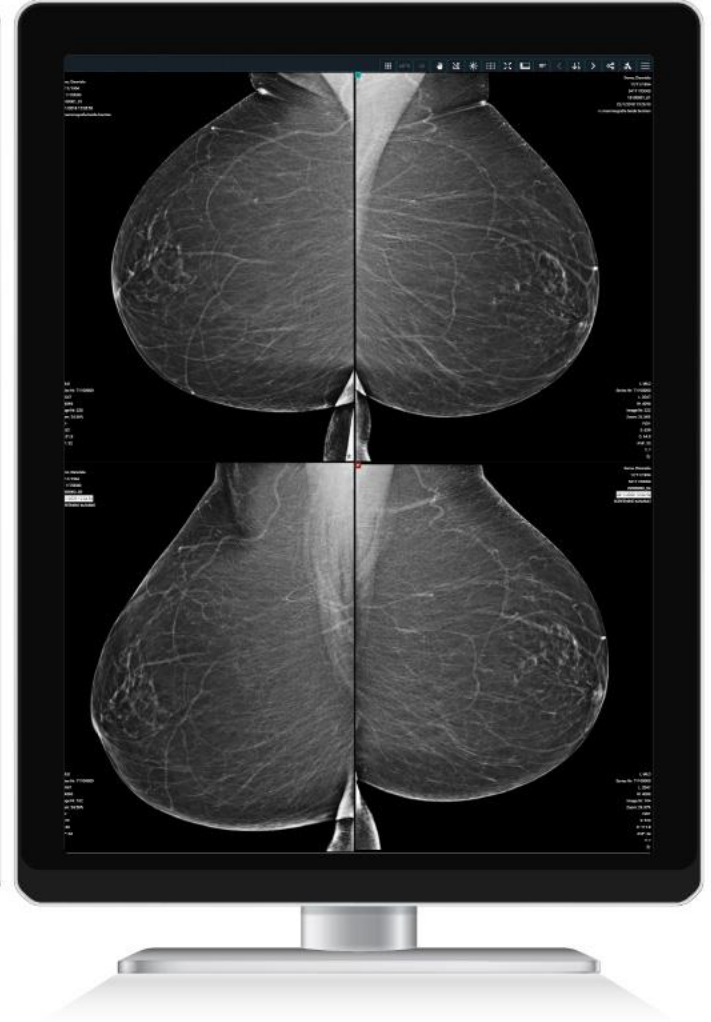
✓ **Fully web-based.**
No installation:
simply log in and
use our web viewer.



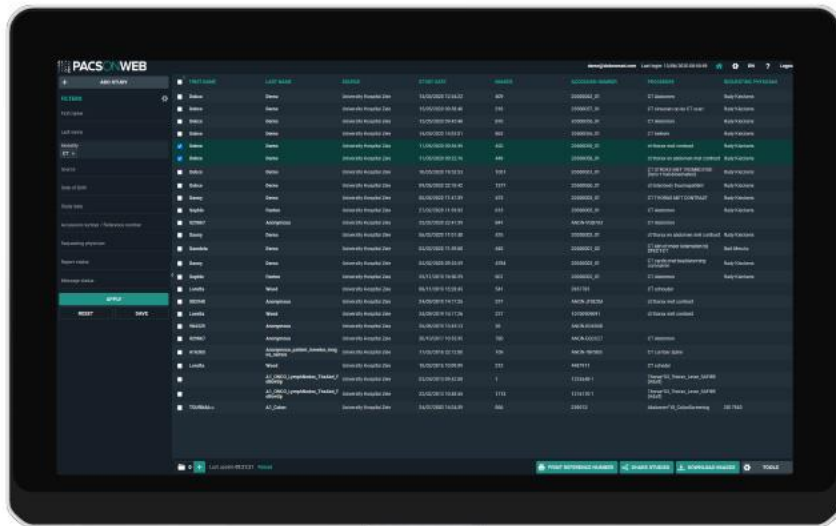
- ✓ **Access to all shared data & functionalities**
 - on any device, anywhere, anytime.



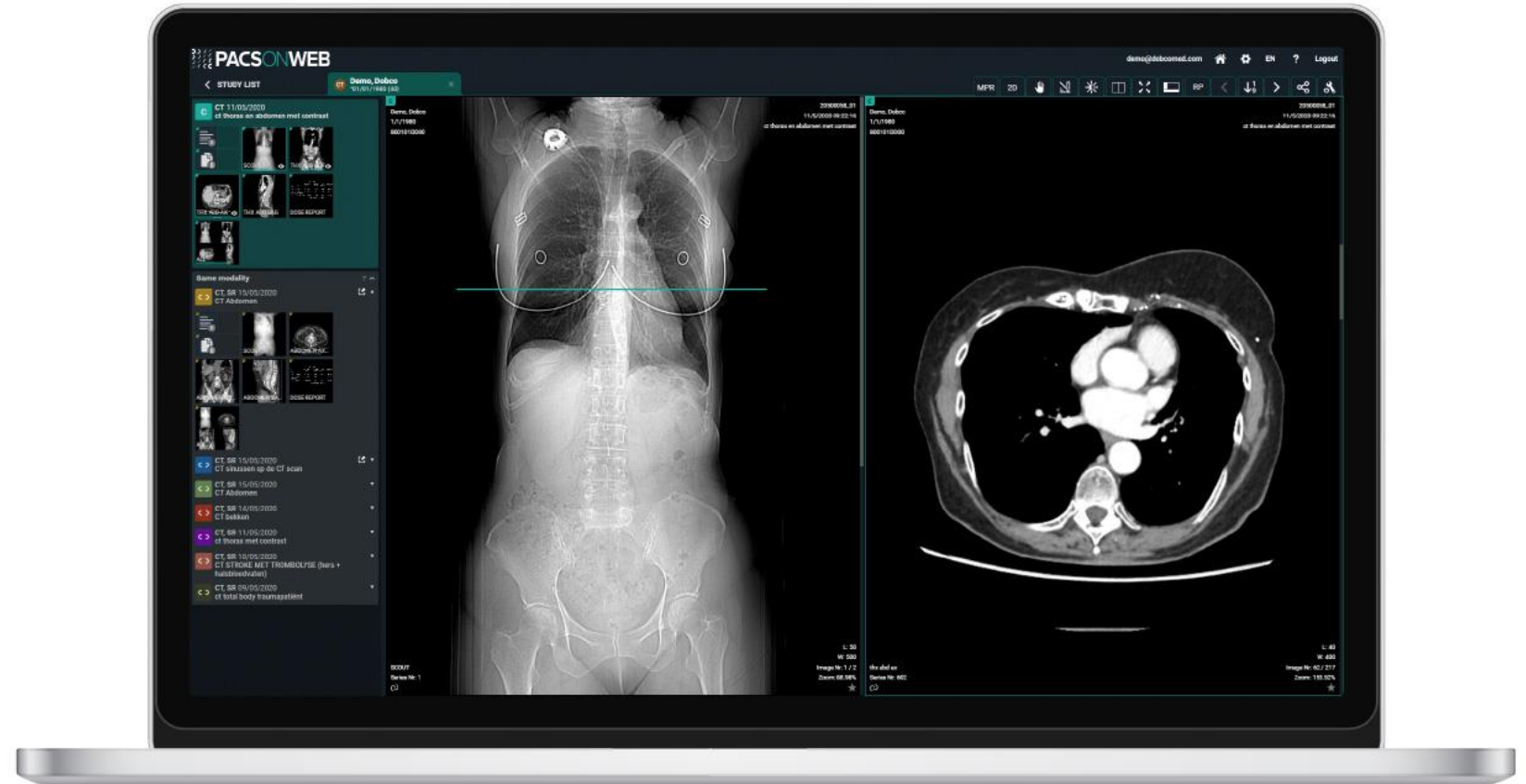
- ✓ **All the tools you need – and access to the patient's timeline.**



✓ **Fast visualisation & effective hanging protocols – native MIP/MPR, with 3D visualisation neatly integrated.**



✓ One single system,
one single viewer,
cross-hospital
patient timeline.



The result: more patients and a lower cost

- One flexible **PACS**, single shared infrastructure, supporting workflows from A to Z, from the order to the distribution of images and reports, inside and outside the organisation.
- A better & cost-effective service
- Very fast implementation and a very high user adoption rate
- A system that is always up to date with the latest version

PACS

We deliver support for all end-users

RADIOLOGIST

- Full PACS anytime, anywhere, on any device
- Better service to physicians and patients
- Best-of-breed integrated artificial intelligence
- Patient image timeline

PHYSICIAN/GP

- One interface for all patients regardless of source
- Ease-of-use
- Images and rich reports

CIO

- Highly secure & compliant
- Helpdesk for all end-users 24/7
- Pure web
- Highly scalable
- Less internal resources on PACS

CEO

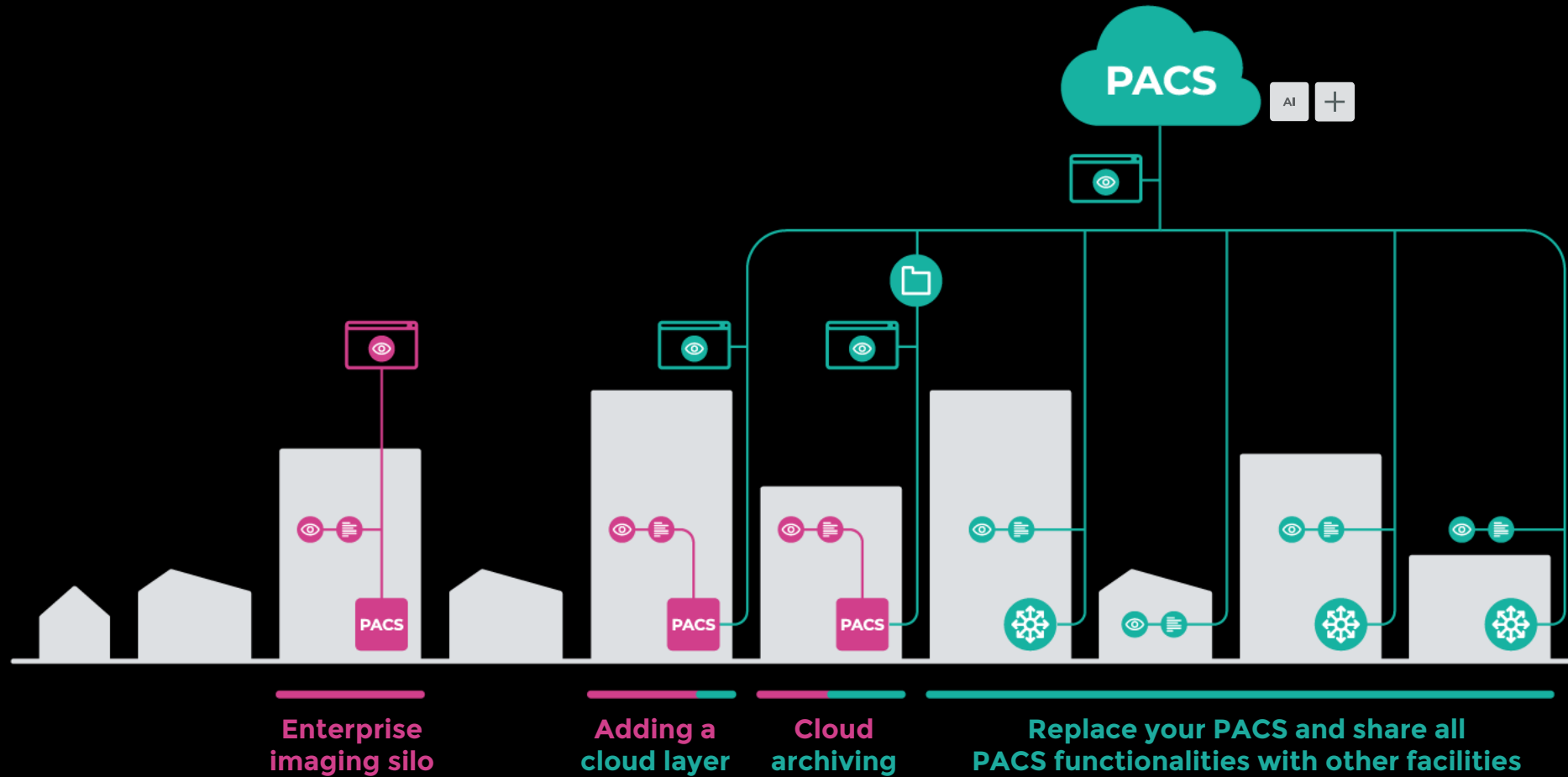
- Service quality to and from radiology
- CAPEX -> OPEX
- Collaboration with other hospitals
- Future proof
- Lower cost, up to 50% less TCO

PATIENT

- Easy, user-friendly medical imaging history
- Empowered to share with other caregivers
- Better care delivery



How? Innovative growth path

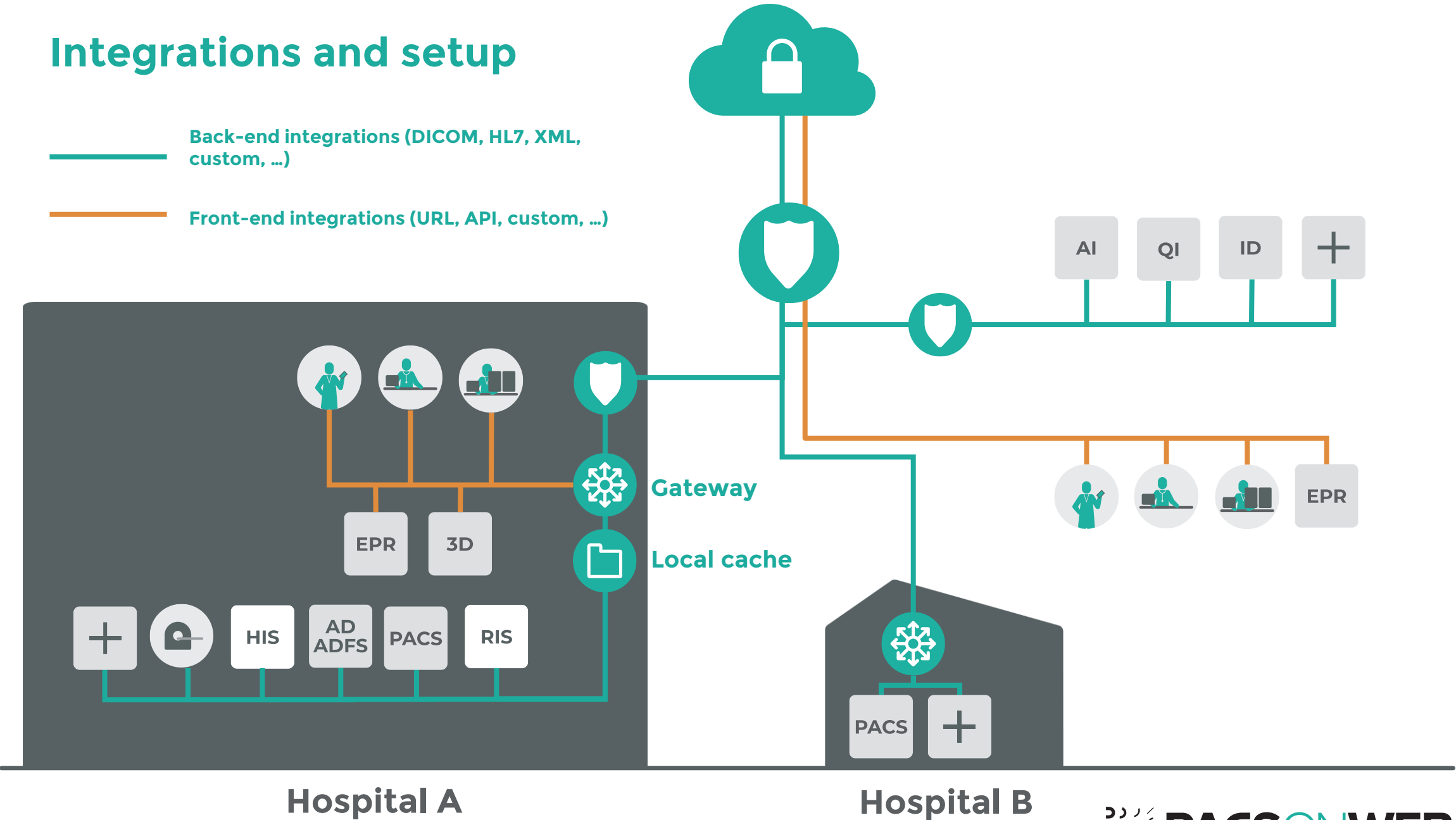




Deliver *any workflow* you need

Integrations and setup

- Back-end integrations (DICOM, HL7, XML, custom, ...)
- Front-end integrations (URL, API, custom, ...)



LIVE DEMO



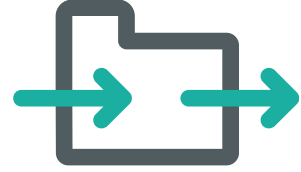
Workflows



Have the right information available at the right time with a single viewer

- CD/DVD- and filmless workflow
- Single, consolidated viewer for all medical imaging results
- Increased staffing flexibility
- Automated import and export of studies

Collaborate
in a care network



Optimise exchange of studies with other care providers

- Hassle-free import and export of studies
- Fast sharing of results with other care institutions
- Effortless participation in screening programs
- Ensured protection of patient's privacy

Share studies
across all care lines



Establish a long-term archiving strategy

- Predictable, effortless, cost-effective scale-up of archiving infrastructure
- Streamlined medical archiving services
- Ensured uptime and operations

Archive
in the cloud



Full PACS functionalities, anywhere, anytime, on any device

- Core PACS functionalities anywhere, anytime, on any device
- Smart hanging protocols for faster reading of relevant priors
- Integrate emerging technologies
- Full patient timeline

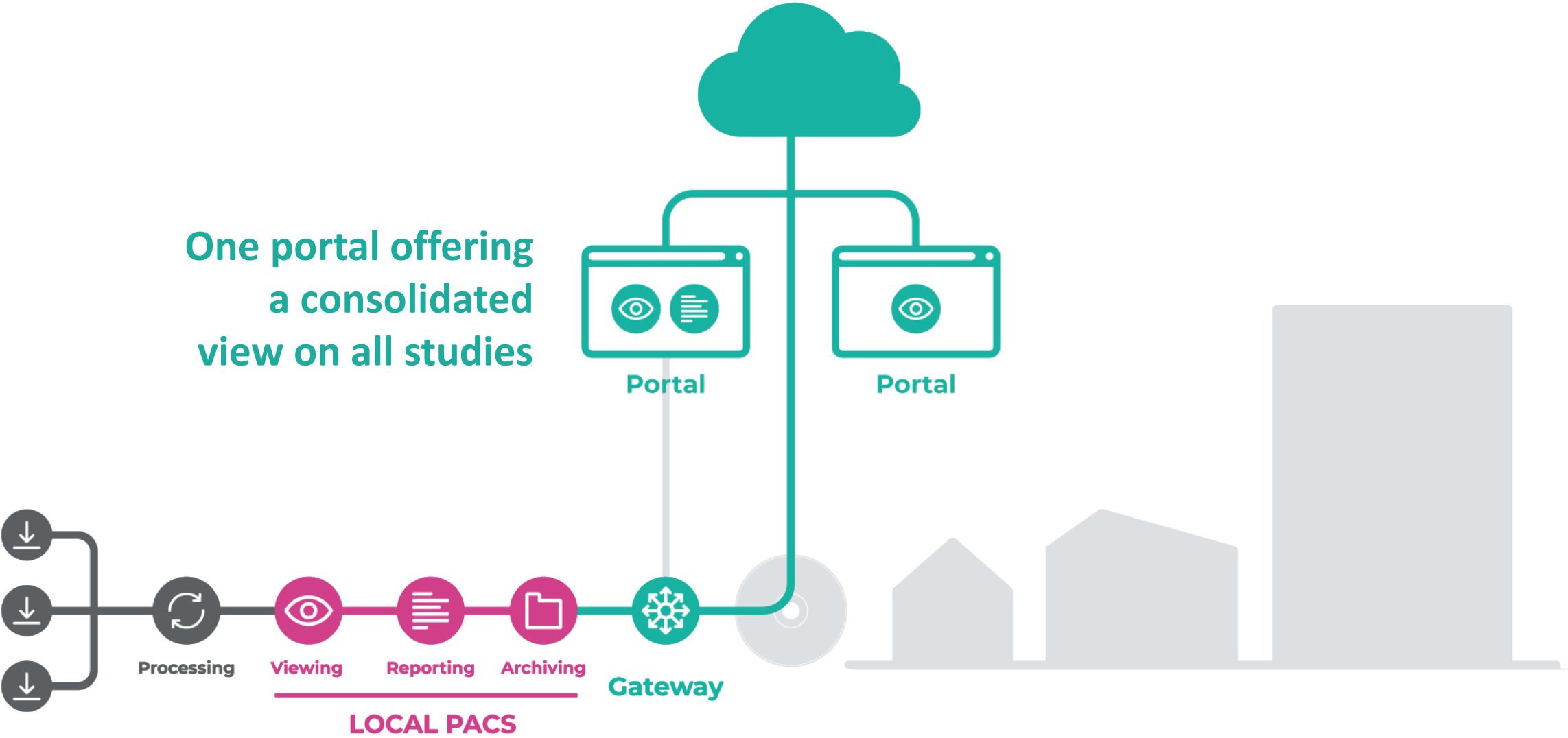
Diagnose anywhere,
anytime, any device



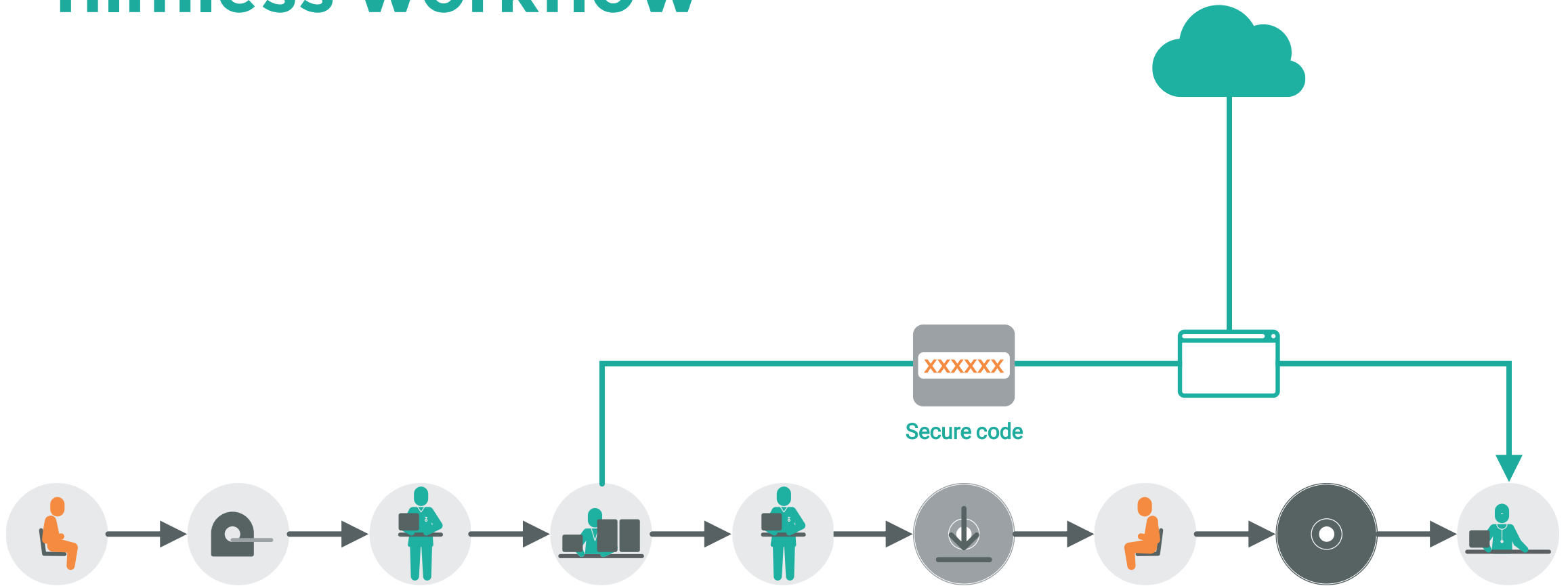
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Have the right information
available at the right time

One portal offering
a consolidated
view on all studies

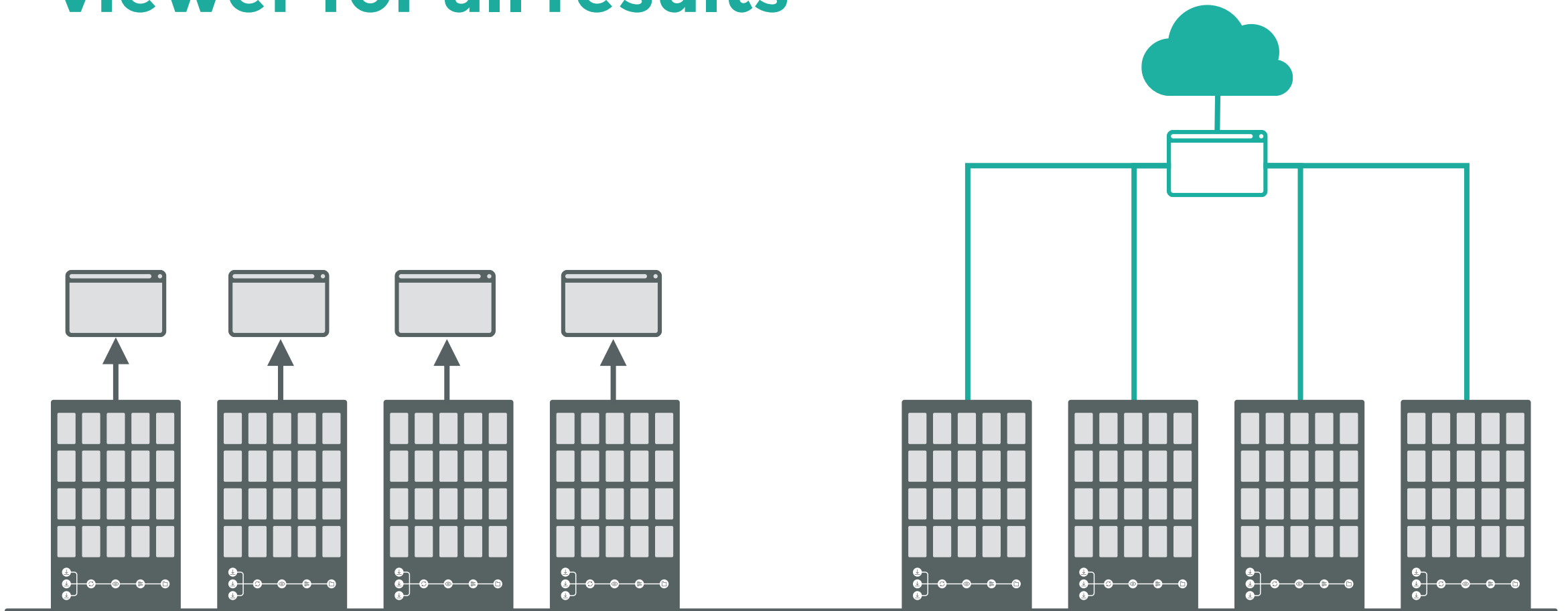


CD/DVD- and filmless workflow

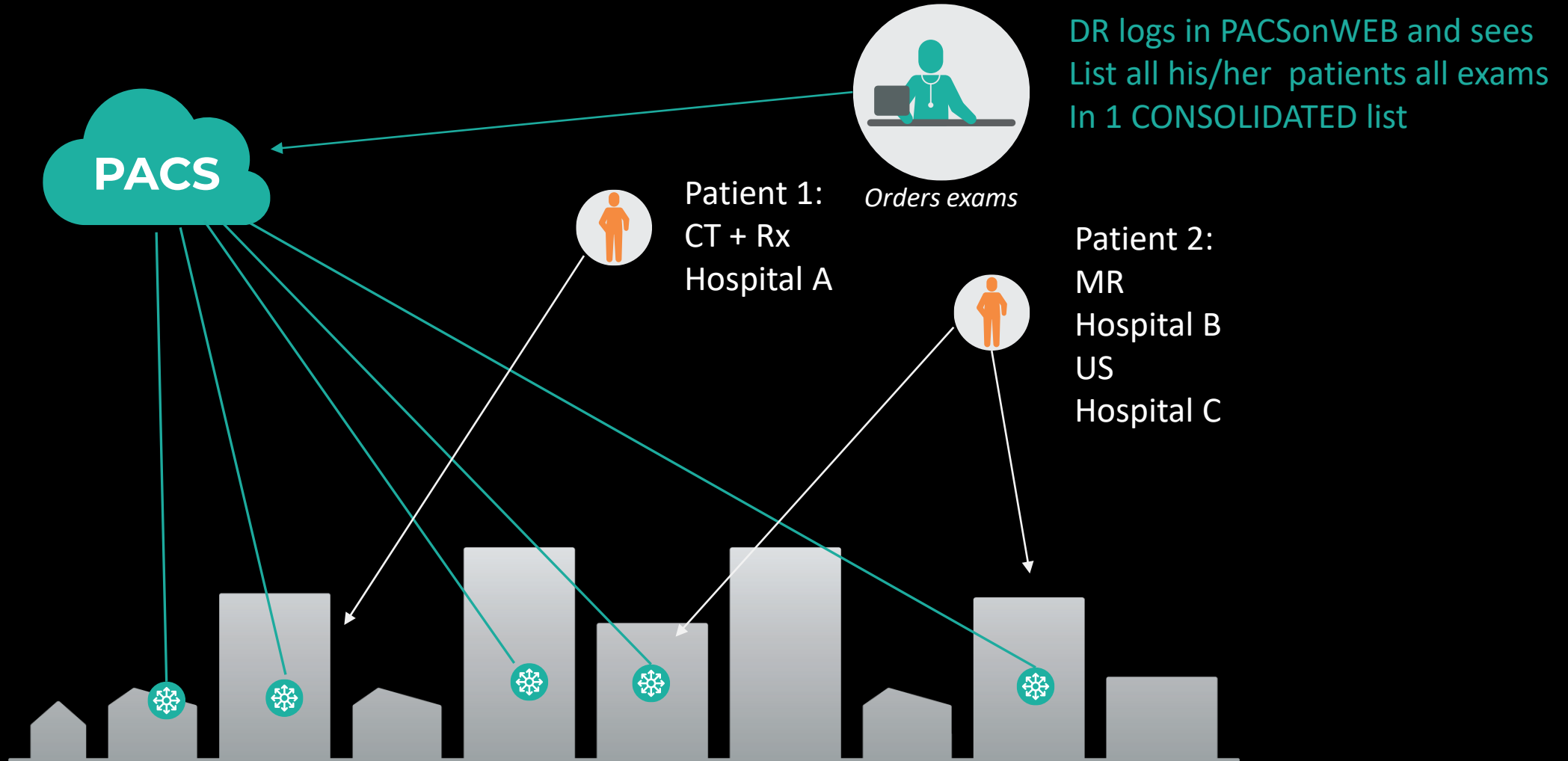


Classic workflow in radiology department

Single, consolidated viewer for all results

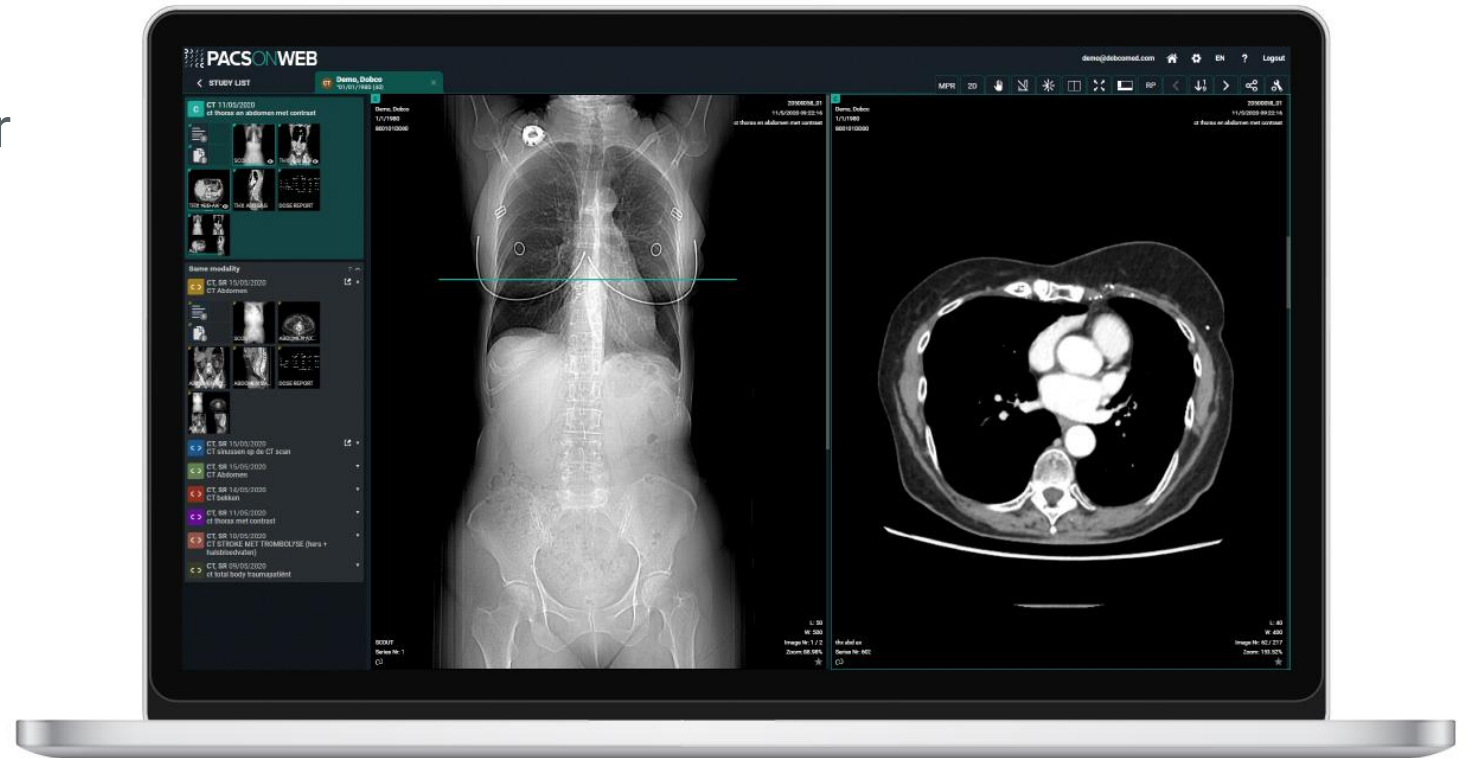


Multi-tenancy explained: use case referring physician & multiple patients, different exams

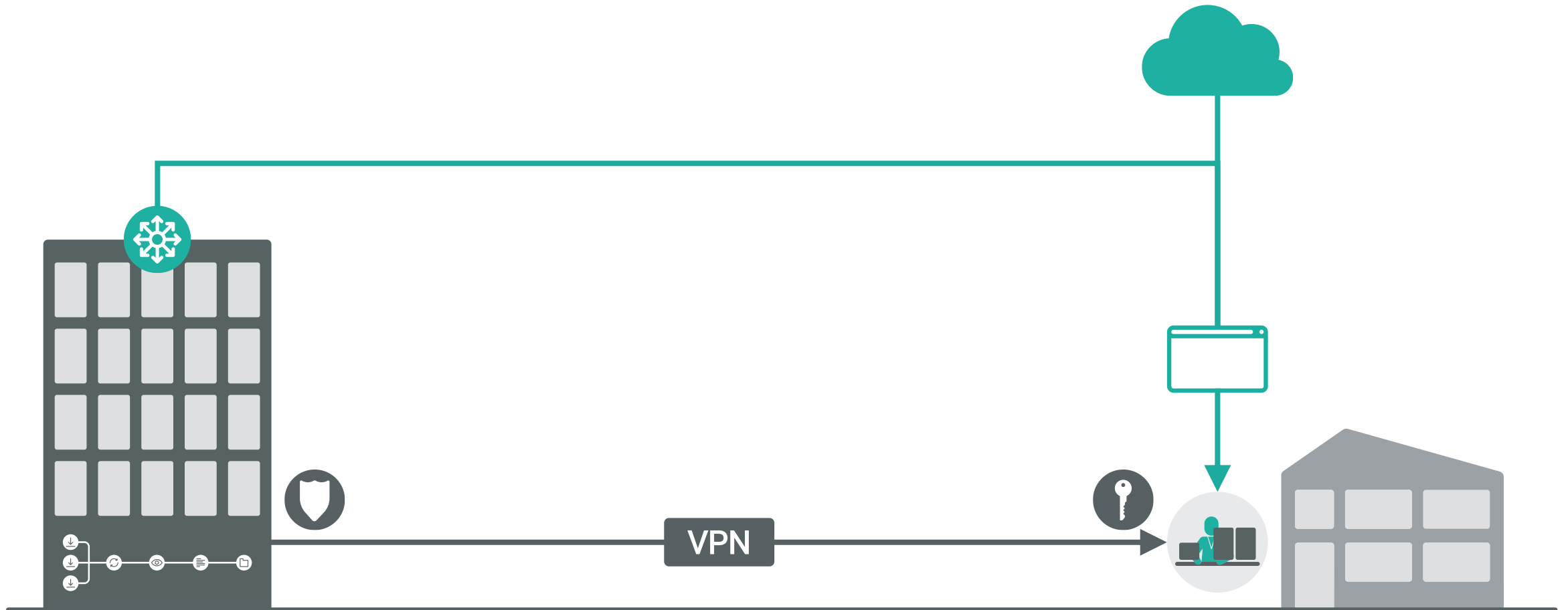


Single, consolidated viewer for all results

- Single login, authentication via eID or bankcard
- Studies consolidated per patient
- Share studies based on patient consent

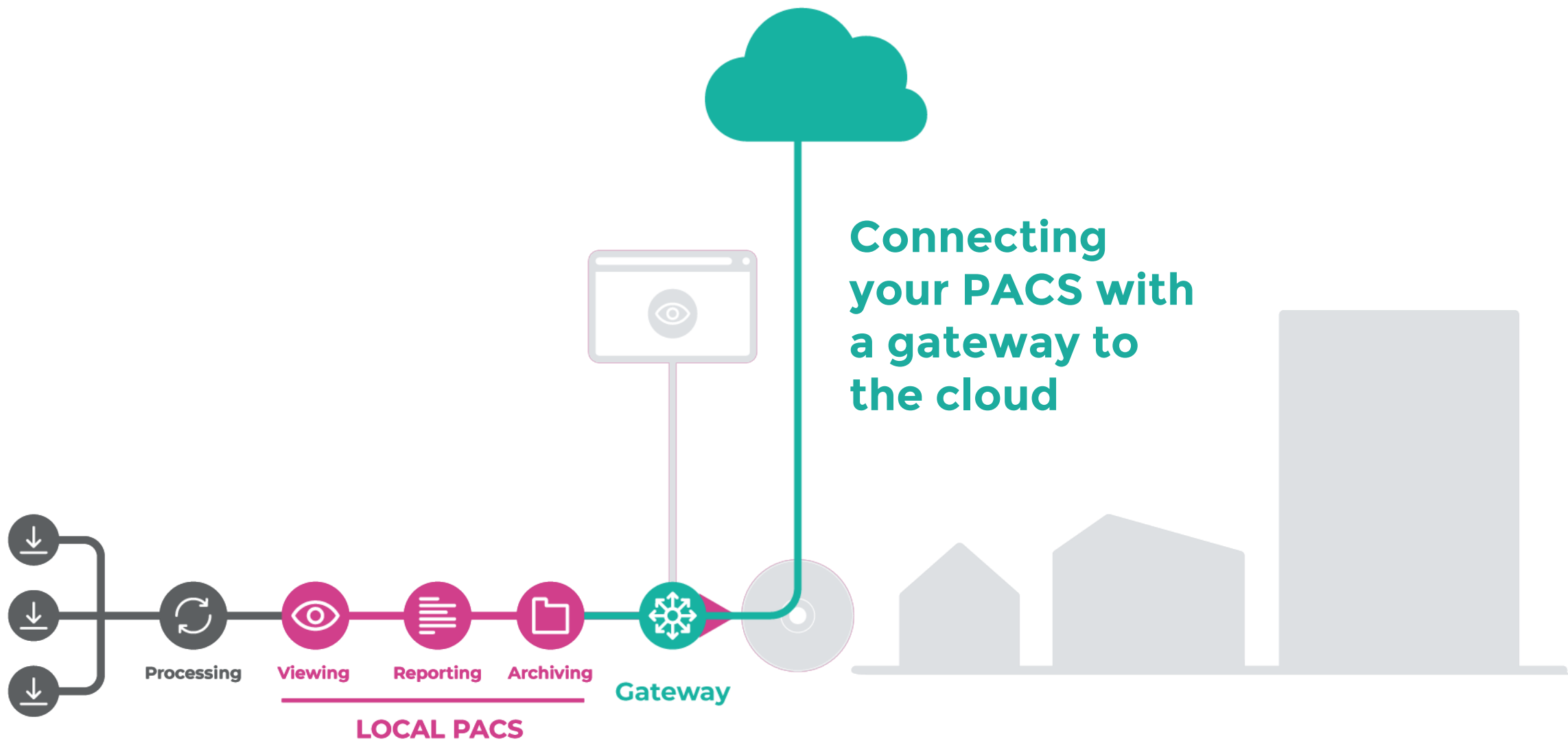


Increase staffing flexibility

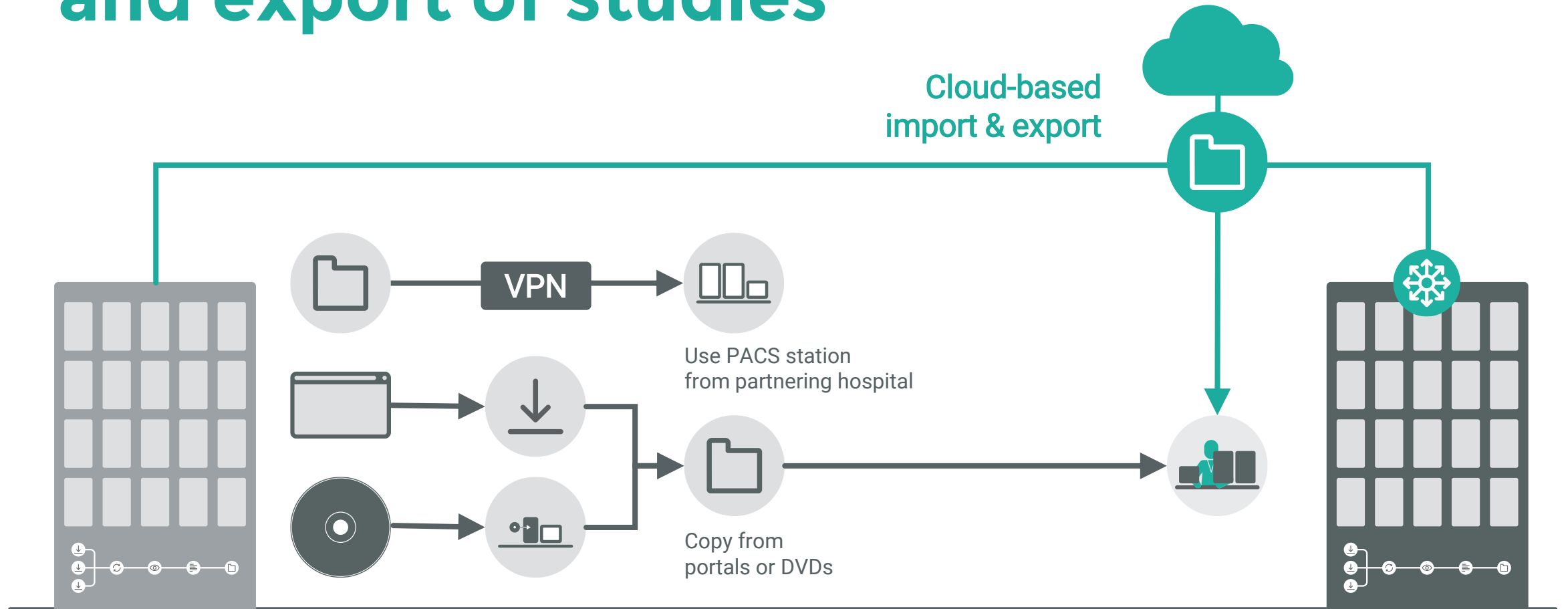




Optimise exchange of studies
with other care providers



Hassle-free import and export of studies



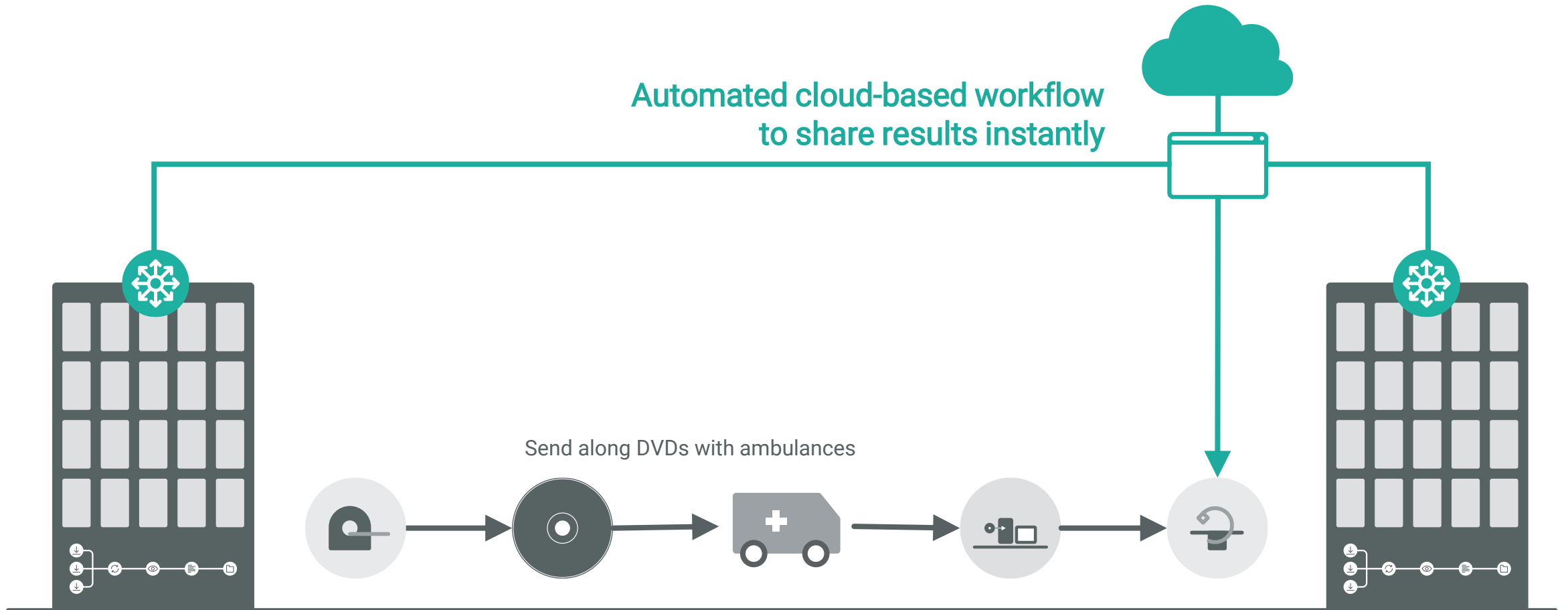
How to easily access medical history of a referred patient

Ad-hoc and manual import

 **PACSONWEB**

Fast sharing of results

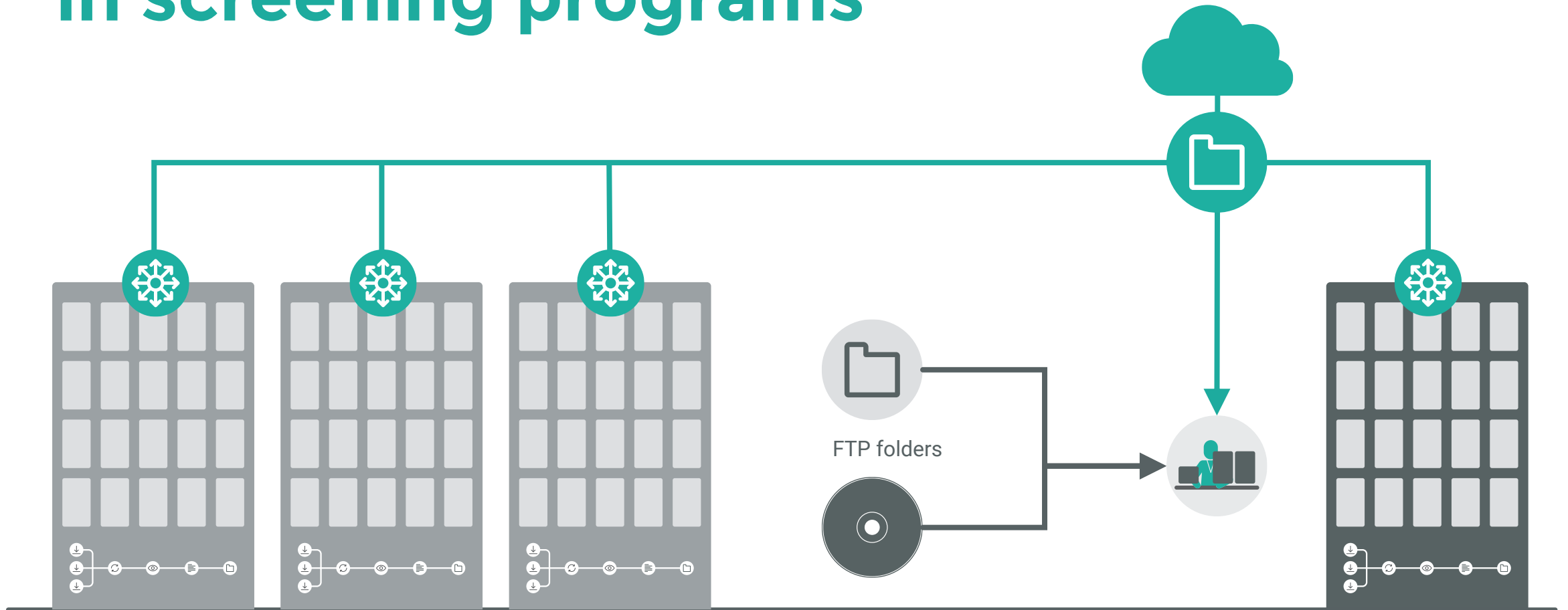
Automated cloud-based workflow
to share results instantly



Fast sharing of medical imaging
results in case of emergency

Risks and delays

Effortless participation in screening programs



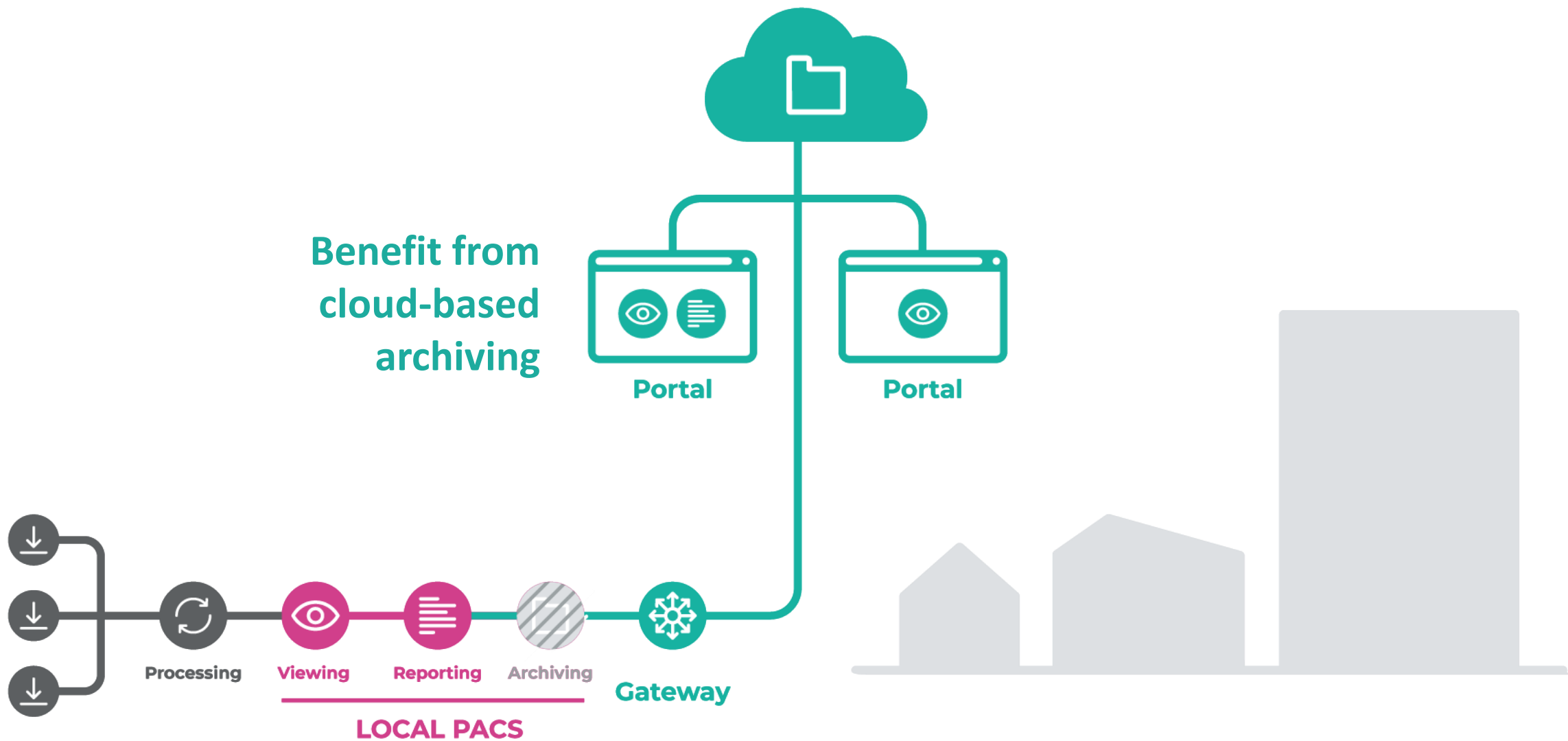
How to organise a screening program ?

Manual work
and security?

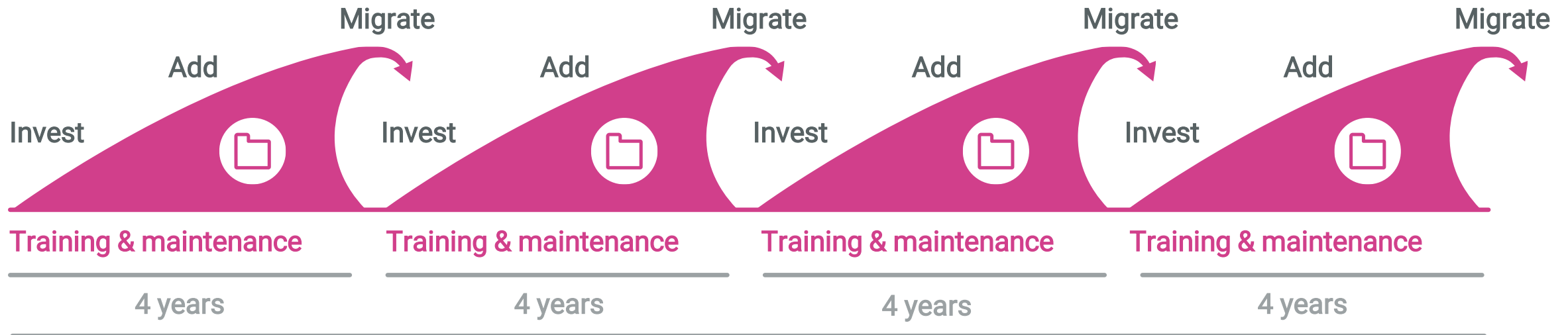
 **PACSONWEB**



Establish a long-term
archiving strategy



Predictable cost at a lower TCO

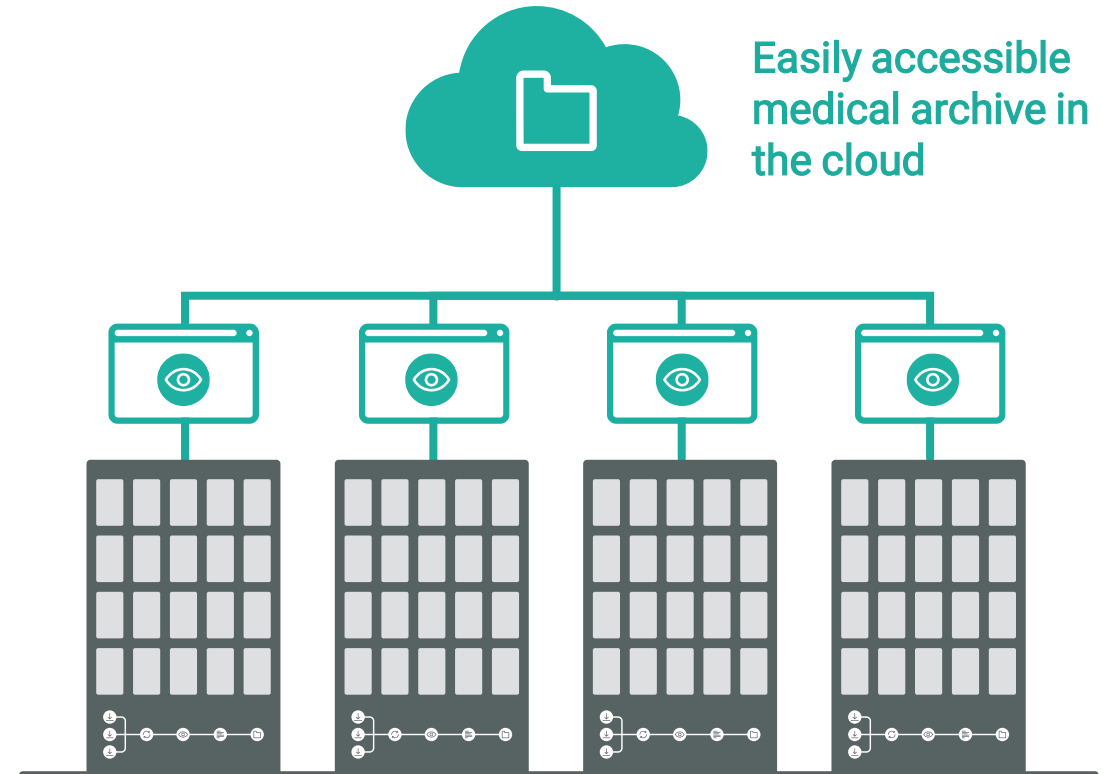
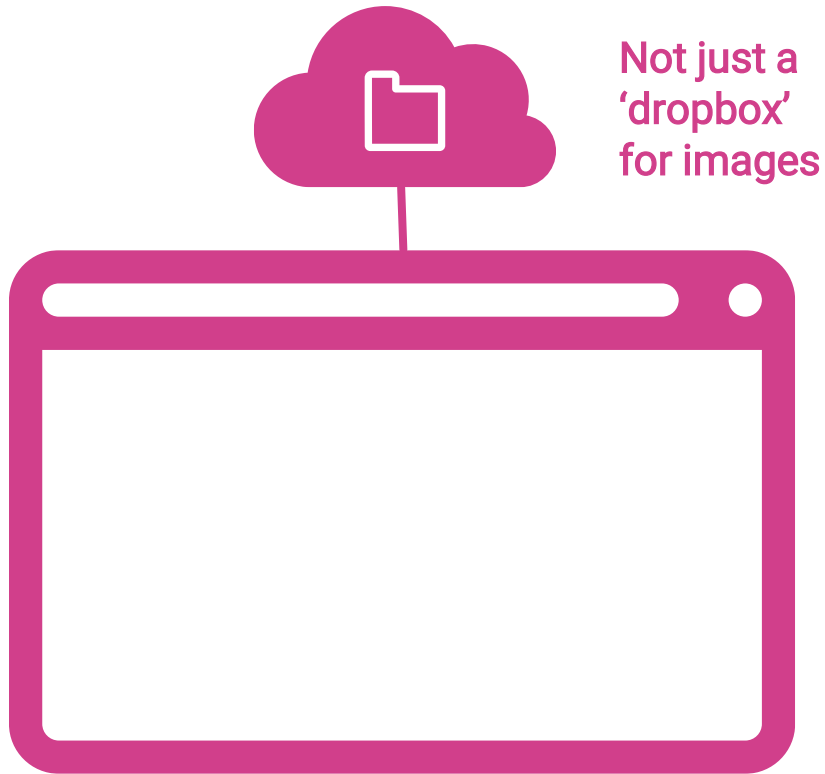


Hidden operational costs

Ensure uptime and operations



More than storage - a medical archive

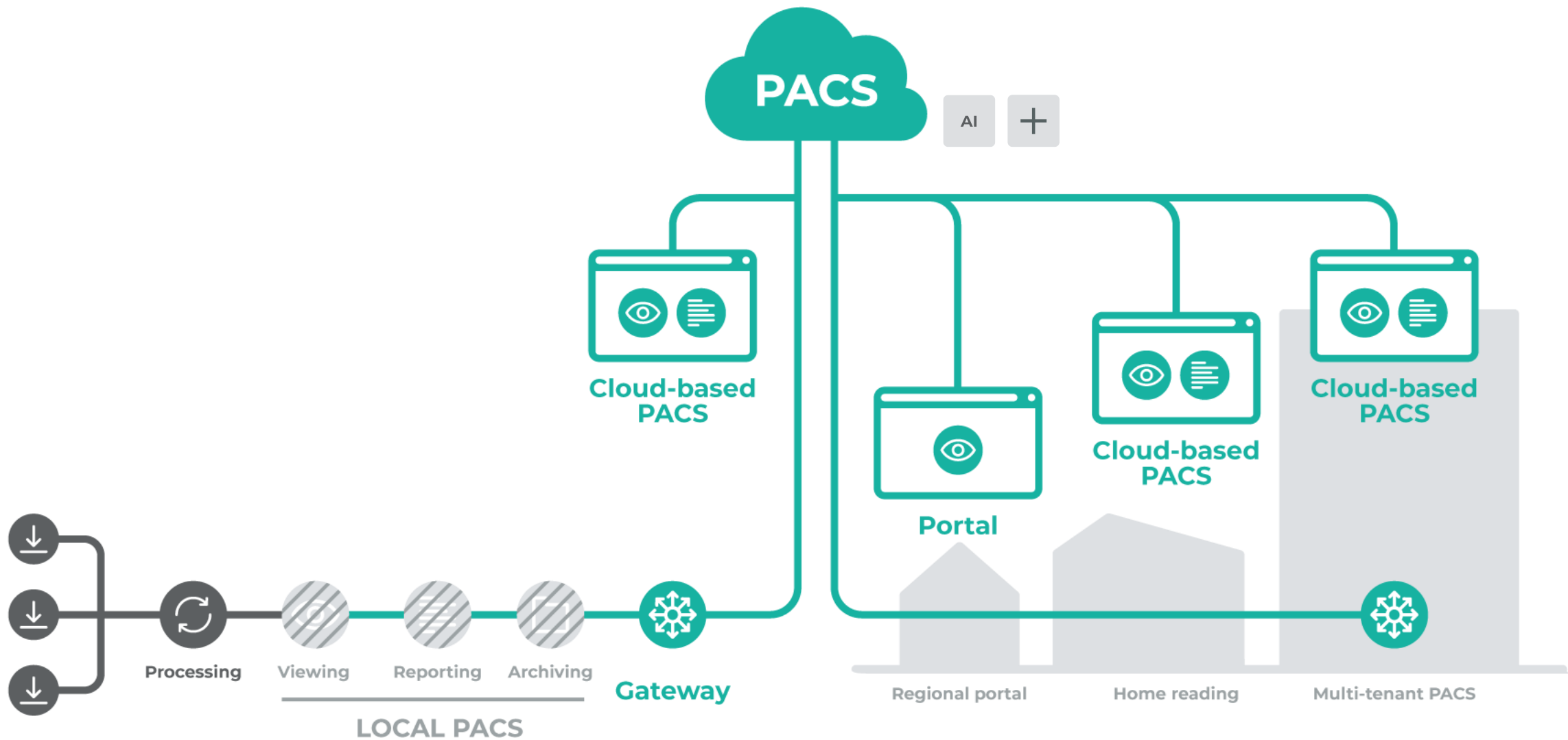




PACS

**Full PACS functionalities,
anywhere, anytime, on any device**

 **PACSONWEB**



Fast and smart tools for radiologists



- Smart hanging protocols
- Self-learning relevance between studies
- AI tools store
- MIP/MPR and better 3D integration
- Mammo reading



Enter the true cloud

Healthcare Portal
Image Exchange
Emergency Workflows
Context Integration
Home & Emergency reading
DICOM Archiving
Diagnostics PACS
DICOM routers
DICOM Modality Worklist
Cross-hospital reading
National / regional PACS / Dicom viewer
Radiology as a service
Scientific & clinical research
Screening programs



Enter the true cloud

Usecase 1 PACSonWEB

Cross-hospital reading

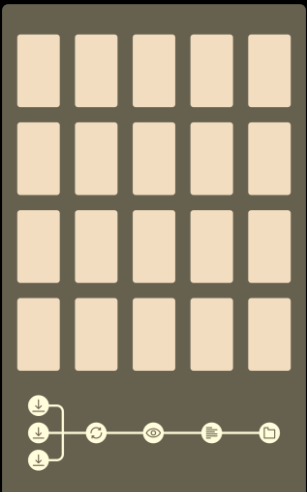
The challenge:

In general: There is a need to report studies cross-hospital (different RIS, different PACS)

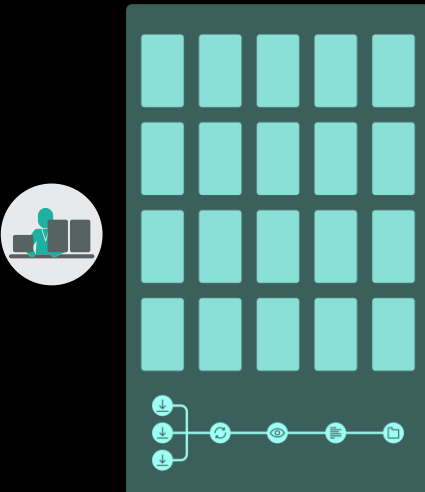
Examples:

- One organized/group of radiologists that are working in different institutions
- Private initiatives or organizations that are collaborating with radiologists that are working in a hospital
- Teleradiology
- Organisations that share a modality (such as MR or CT)

Organization A



Organization B

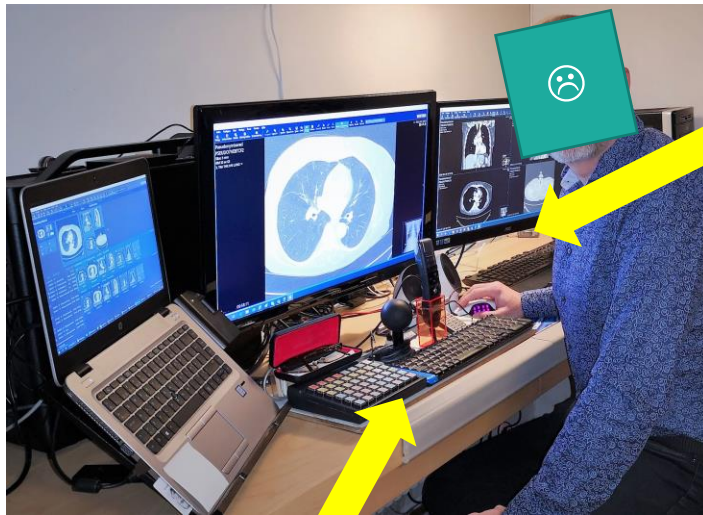


A few challenges...

- Privacy should be covered
- Different internal information systems / PACS systems
- More than image or report sharing
- Workflow is needed cross-hospital (order, worklists, ...)
- Including speech recognition
- The report must be sent back to the organization that acquired the images
- Patient history should be combined

Solutions today...

Solution 1: Just put a second PACS workstation in the other organization!



**Physical PACS workstation 2
(Organization B)**

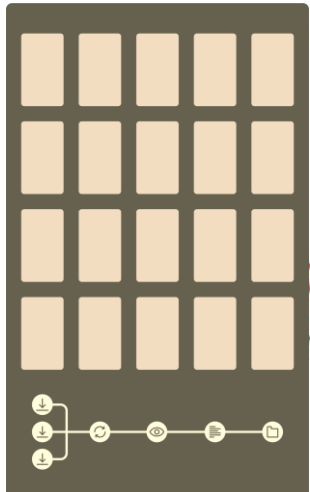
- ❌ 2 x workstation / speechmike / monitors
- ❌ Difficult to manage and to make the nece
- ❌ Most of the time - client VPN - **security risk**
- ❌ No combined patient timeline
- ❌ If one workstation: software conflicts
- ❌ Upgrades?

**Physical PACS workstation 1
(Organization A)**

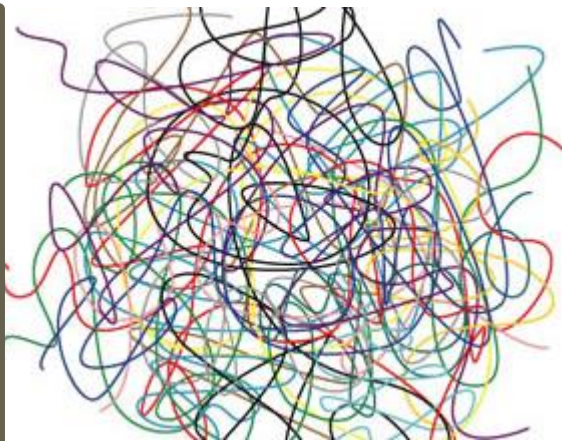
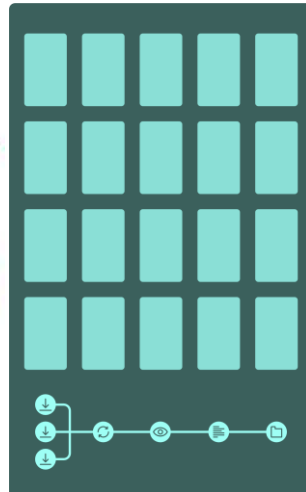
Solutions today...

Solution 2: We will exchange images/orders/history, make reporting work in the other PACS and send the report back, etcetera, etcetera

Organization A



Organization B

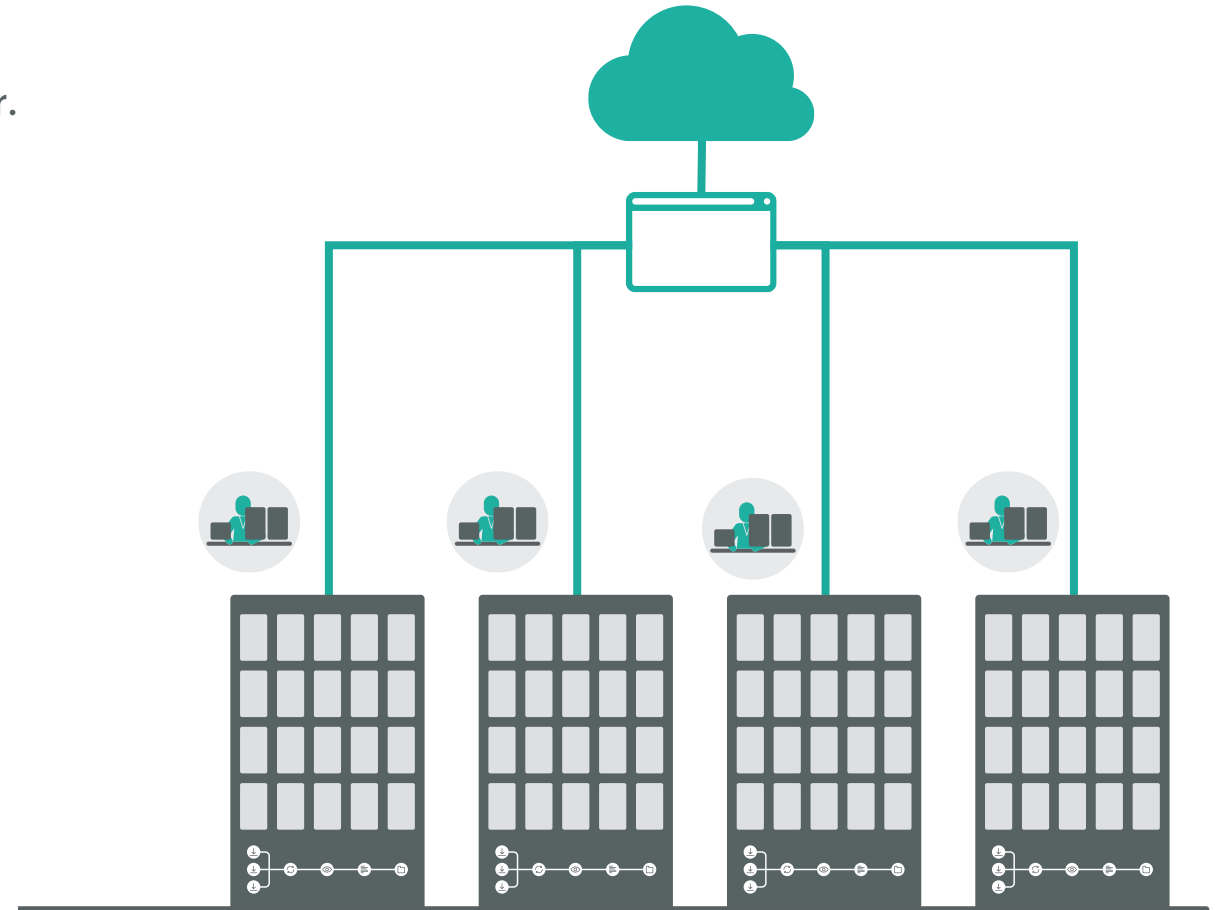


- ✗ Difficult because not only image or report exchange
- ✗ Workflow / Patient / Study conflicts
- ✗ Conflicts in concurrency (locking studies)
- ✗ Too expensive for relatively a small number of studies

**Integrations between different
PACS / RIS / EPD vendors**

PACSonWEB Cross hospital reading

- ✓ **Fully web-based.**
No installation: simply log in and use our web viewer.
- ✓ **Cross hospital worklists**
- ✓ **Combine patient timeline if needed**
- ✓ **Hospitals keep existing PACS / RIS / Infrastructure**

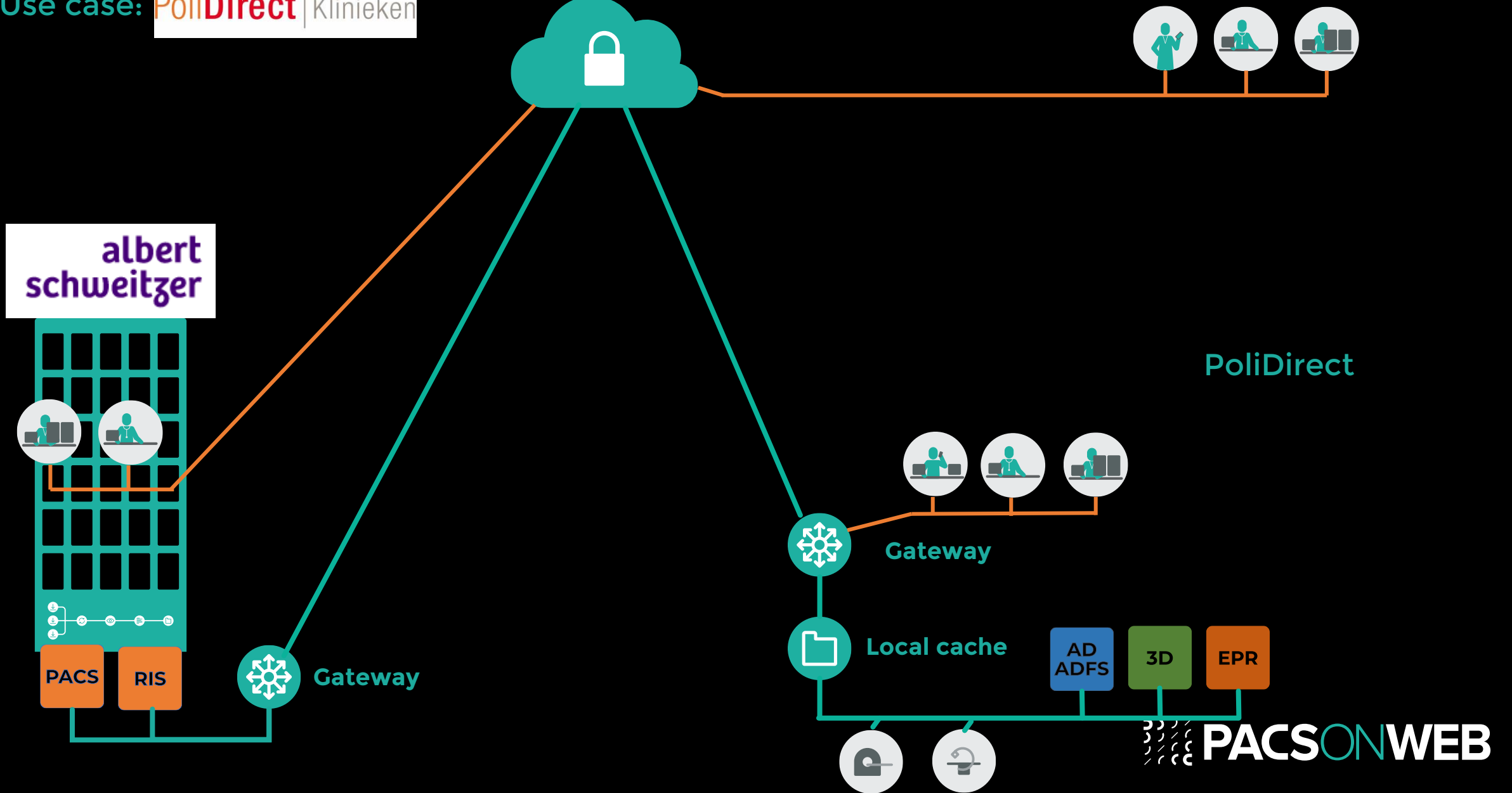


Usecase 2 Polidirect / HDC & Albert Sweitzer

1ste & 2nd line reading

Use case: **PoliDirect** | Kliniken

PACSonWEB Cloud



Usecase DC Klinieken

Radiology As A Service

