Turn complexity into an advantage
with enterprise imaging

It's not just the amount of data that's redefining healthcare. It's the types. Clinical departments within a health organization now rely on collaboration to deliver complex, patient–centered care. But how can collaboration occur when the systems and processes that create clinical data aren't the same as the ones where that data is needed? How can medical professionals obtain a comprehensive view of the patient when valuable images, reports and documents are scattered across systems? And why should you have to wait for your vendor to catch up when a solution already exists?

Instead of searching for a single system, adopt a single strategy of clinical document management. Discover simple, scalable and secure enterprise imaging from Philips Forcare.

True interoperability
starts with independence

Our enterprise imaging solution is based on widely-used open standards. Unlike a fixed system, it's an information model that puts the patient in the center and associates clinical information to that patient. Clinical information is tagged by well-defined metadata describing clinical content. This allows you to electronically exchange medical documents and images within your healthcare enterprise – no matter which method you want to use and which clinical departments need to work together.

Simple
- Connect with existing systems and infrastructures.
- Share all types of clinical data independent of the clinical setting in which they were created.
- Leverage a variety of existing standards (such as DICOM, HL7, FHIR and IHE XDS) for true interoperability.

Scalable
- Develop and adapt workflows as you need them in combination with the Cross Enterprise Document Workflow (XDW) profile.
- Avoid vendor lock-in when your IT needs change.
- Migrate to other systems later on without having to redesign your information exchange network.

Secure
- Deliver privacy through role-based access control and advance auditing facilities.
- Lock in patient consent (often required when medical information must be shared outside the bounds of a healthcare organization).

When you choose enterprise imaging from Philips Forcare, everyone can benefit.

Executives
- Helps to increase revenue by improving efficiency and shortening wait times.
- Helps to reduce overall expenses. through a lower cost of implementation.
- Free up clinical and administrative staff for high-value activities.

IT staff
- Can be connected to PACS, VNA and other information systems.
- Enhance security through patient consent and role-based access control.
- Supports the forecast of IT demands and requests for additional resources.

Physicians and specialists
- An overview of the patient's condition and history can increase physicians' confidence during diagnosis and follow-up.
- Access to documents when and where needed can help with making rapid decisions.
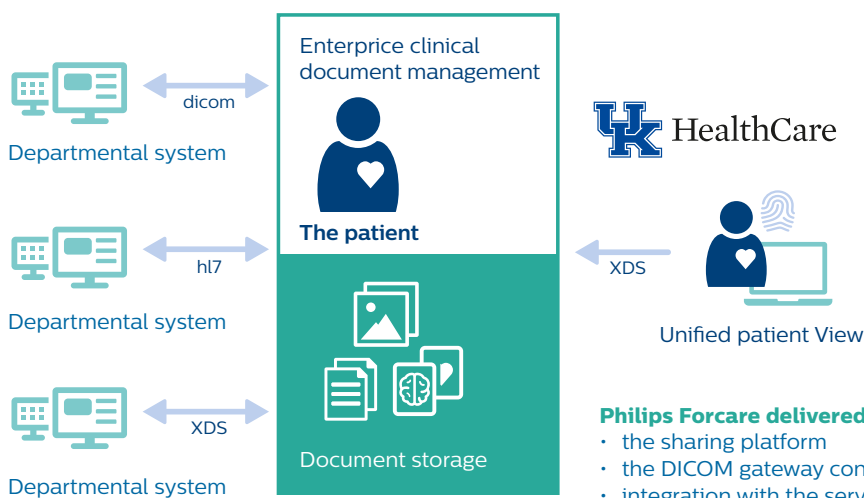- Helps to save time by allowing direct access to remote histories and image studies.

Patients
- Can see faster treatment plans and shorter wait times thanks to workflows
- Can actively participate in care by staying in control of access to data.

Transforming healthcare with
new interoperability capabilities

The UK HealthCare system spans the hospitals and clinics of the University of Kentucky (USA) with approximately 800 beds and an annual studies volume of 500,000. As part of a recent initiative to strengthen partnerships with other care providers, UK HealthCare selected Philips Forcare as its interoperability partner to implement a new enterprise interoperability system to support internal and external systems integration.

It's cost-effective
· UK HealthCare is now able to implement the new enterprise interoperability system all while keeping the same viewers, PACS, EHR and other technologies in place.

It's long-term
· The choice for Philips Forcare lays the foundation for a system that can facilitate a shared service approach to integration for clinical data exchange between UK HealthCare and its partners.

Departmental system —dicom—

Departmental system —hl7—

Departmental system —XDS—

Enterprice clinical document management

The patient

Document storage

UK HealthCare

XDS

Unified patient View

Philips Forcare delivered:
· the sharing platform
· the DICOM gateway connection
· integration with the service bus and terminology server
· a registry to store information about the images and documents and to enable departments to share them

"Philips Forcare's scalable and proven interoperability platform fulfills our future vision to integrate our internal and external systems."

Dr. Cecilia Page
Chief Information Officer, University of Kentucky HealthCare,
Lexington, Kentucky, USA

Seeing the bigger picture

Philips Forcare offers a complete suite of software products, with IHE XDS at the core. As a leading global supplier of IHE XDS networks, we support all IHE profiles which can be used by healthcare professionals to easily share patient information, enjoy collaborative workflows and connect healthcare enterprises and networks.

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