



**PHILIPS**

Interoperability Solutions

# Enabling care collaboration through image sharing

Radiology and other clinical departments within healthcare organizations rely on effective collaboration to deliver complex, patient-centered connected care. This increased collaboration, coupled with early detection and follow-up procedures, generates high amounts of information essential to patient care such as images, referral letters and reports. However, many of these valuable materials are scattered across multiple systems – making it challenging to provide medical professionals with the comprehensive view of a patient they need to reach prompt, informed clinical decisions.

**Instead of searching for a single system that will facilitate sharing of clinical information across care settings, adopt a single strategy of clinical document management. Discover simple, scalable and secure cross-enterprise image sharing from Philips Interoperability Solutions.**

# Your solution starts with independence

Our cross-enterprise image sharing solutions are fully based on widely used open standards. Clinical information is tagged by well-defined metadata describing clinical content, allowing you to electronically exchange medical documents and images within your healthcare enterprise – no matter what method you want to use, and which clinical departments need to work together.

Our solutions allow you to share medical images across your enterprise based on an IHE profile known as Cross Enterprise Document Sharing for Images (XDS-I). This profile is one component of the larger IHE XDS interoperability profile that describes how to establish true interoperability across healthcare enterprises when exchanging patient information. The result is an approach to cross-enterprise image sharing that brings the right data to the right people at the right time – paving the way for true, high-quality patient care.

## What makes our solutions unique?



### Customizable by design

- Access a wide range of workflow support solutions to meet your specific workflow needs and domain challenges
- Choose on-premise or SaaS\* (software as a service) models to suit your requirements



### Scalability by design

- Build a foundation that's future-ready to evolve with your organization
- Share information within and beyond your organization and adapt to changing needs
- Integrate systems and support your network as it develops



### Secure by design

- Improve data security with configurable role-based access control
- Consider and document patient consent when deciding who can access medical records
- Allow secure access to clinical documents
- Support secure processes with a separate audit log for transactions involving medical data

\* Ask your Philips representative for market availability

When you choose cross-enterprise image sharing from Philips Interoperability Solutions, everyone in your network can benefit.



### Executives

- Expand healthcare networks and adherence areas when needed
- 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
- Helps to reduce the number of systems to connect
- 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' and specialists' confidence during diagnosis and follow-up
- Helps accelerate care delivery by reducing unnecessary repeat studies
- 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 benefit from potential faster treatment plans and shorter wait times thanks to efficient workflows
- Can actively participate in care by staying in control of access to data
- Repeat studies can be decreased, giving patients more peace of mind.

# Efficient, effective exchange of images and reports

Cross-enterprise image sharing from Philips Interoperability Solutions offers an efficient, future-proof answer to today's interoperability issues, with an extensive range of features and functionalities that facilitate smooth, efficient care collaboration.

## Upload DICOM images and reports from outside the image sharing platform

External users with sufficient privileges are able to upload DICOM CD/DVD or ZIP files. A 3-step wizard guides users through the upload process.

## Transfer DICOM images and reports to PACS and VNA

Cross-enterprise image sharing supports an export flow for DICOM images and reports to PACS, VNA and other information systems.

## DICOM caching

You can choose to enable DICOM caching in order to speed up previews of DICOM images.

## Prefetching

You have the option of using prefetching functionality to enable a PACS system to prefetch not only local archived image data, but also include images from remote systems.

## Patient consent

Patient consent can be registered as an 'opt-in' – in other words, not permitting the exchange of patient data unless consent is given – for a pre-defined group of hospitals configured in the software.<sup>1</sup>

## Emergency case functionalities

In case of an emergency, images and reports access control settings can be overruled temporarily using 'break the glass' functionality, depending on the defined consent settings. Additionally, radiology images can be forcefully published to the registry before the corresponding report is available.

## Delete documents

When a document has been deleted in the source system, a metadata document will still be available in the index and store. You can choose to either deprecate this document so that it is no longer visible, or delete the submission set to which the document belongs from the registry. In the latter case, the submission set will not be deleted from the repository.



<sup>1</sup> Other patient consent configurations are optionally available for an additional cost.

## Seeing the bigger picture

With an open standards-based interoperability platform as a foundation, we offer workflow-tailored solutions that enable care collaboration in your organization. As a leading global supplier of IHE XDS networks, we support all relevant IHE profiles which can be used by healthcare professionals to easily share patient information, enjoy collaborative workflows and connect healthcare networks.

