


PHILIPS

Use case



**Connecting
disparate sites**

We've got the answer

Large, multisite healthcare enterprises – created through consolidation, mergers, acquisitions or the creation of a regional healthcare network – face challenges in managing their clinical data. These challenges can include transitioning legacy systems, demands of sharing across geographically diverse networks, defining logical data aggregation, optimizing workload across subspecialty physicians and developing security protocols for exchanging images and reports.

Are you experiencing a major disconnect?

Healthcare providers around the world are struggling with the same issues and striving to achieve these performance goals:

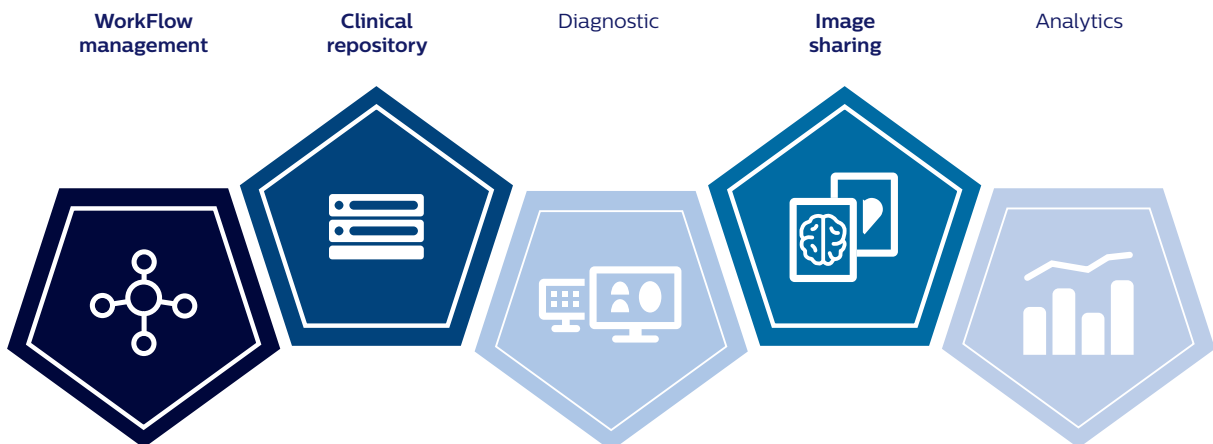
- Accurate management of patient identifications across all sites.
- The means to distribute workload dynamically throughout the enterprise.
- Reduction of downtime for enterprise imaging-management systems.
- High system performance, even on low-bandwidth networks.
- An effective reporting system serving all enterprise locations.
- Integration with legacy PACS systems across all sites, and management of legacy data migrations.
- Fast, reliable synchronization of disparate data centers and a reliable business-continuity plan.
- Ongoing growth of workload capacity, improved resource distribution across sites, more efficient specialty reading and expanded clinical collaboration

A scalable and modular solution

Philips clinical collaboration platform (CCP), with its Unified Core, can help providers address these challenges. Modules and solutions can connect and integrate any number of facilities and their systems across multiple geographic locations, regardless of data type. The platform is standards-based to federate various clinical data from disparate vendors, enabling key stakeholders to securely access data at the right time.

“Now you have all the images and reports you need to care for a patient wherever you are – all in one place, just one click away.”

Juan Lucas Retamar Gentil,
Former CIO, SAS



Want to Learn More? Explore all the benefits and learn how to put the Platform to work for you at: www.philips.com/collaboration

Case Study

Servicio Andaluz de Salud Andalusia Region, Spain



The challenges

Servicio Andaluz de Salud's nine disparate health systems lacked connectivity, preventing the enterprise from providing comprehensive care for the region. 500 TB of data was siloed in systems from different vendors, including Agfa, Siemens, Fuji, GE, Indra, Ire, Rogan and Telvent.

The solution

1. In partnership with Accenture, Philips implemented Radiology/Clinical repository Solution – integrating 1,600 primary care clinics, 90 regional hospitals and over 160 other sites. **Multisite synchronization in global worklist** lets healthcare providers manage patient information, regardless of location, by synchronizing multi-vendor and multi-site RIS+PACS.
2. Implementation of an Enterprise Imaging Platform that manages and services over 8.5 million patients a year, and provides access for 18,000 providers per day. **The Enterprise Viewer** is our zero footprint, vendor-neutral enterprise viewer. Its intuitive user interface can be embedded in an EMR to provide secure access to image data and patient information by on-site or remote clinicians.
3. Consolidation of multiple silos of storage into a single Clinical Repository Solution, which holds over 30 million exams. It will manage nearly 10M exams per year. The ongoing plan calls for expansion into retinography, endoscopy, ECG and other specialties. **The Clinical Repository Solution** is a scalable enterprise repository with intelligent data lifecycle management. Metadata tagging and DICOM tag-morphing streamline migration and legacy take-overs. The Project was Co-Funded (80%) by Public Entity Red.es

The results

Servicio Andaluz de Salud saved €1,58M the first 15 months of rollout of Philips Radiology and Clinical Repository Solution. Ongoing annual cost-savings are projected at 65% and full ROI of €6,5M investment is expected in just over a year.



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Health Systems



8.5M+
Patients/year



18K
Clinicians/day



10M+
Exams/year

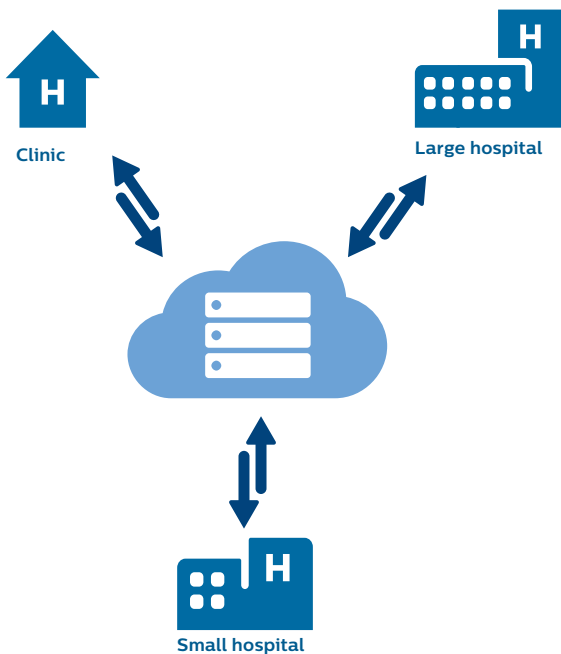
A closer look

We'll support you every step of the way

Integrating multiple data systems can be a daunting task, so you need an experienced partner who can anticipate and address the challenges. Merging multiple organizations may involve connecting disparate sites – one still analogic, one with Philips Solution and one managed by a third-party provider – to the central hub, with low bandwidth. To optimize radiologist workflow and create a single patient record, we create a global worklist to allow the most qualified experts read the most relevant exam, no matter the location – and deliver the results back to the appropriate EMR for physician access.

Implementation process

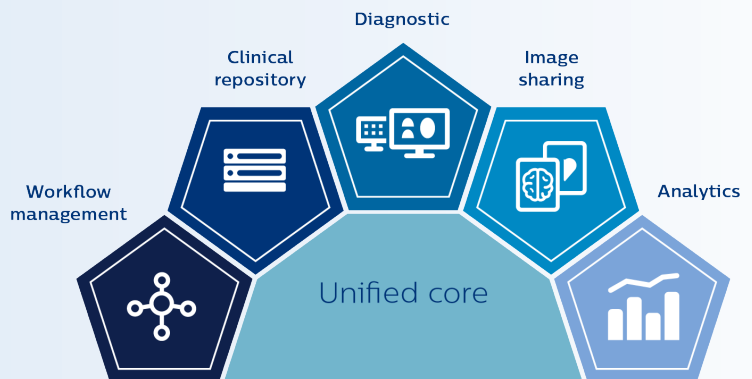
The process for integrating the three organizations would proceed as follows:



- Philips assigns a team led by a Project Manager with a Solution Architect responsible for the system design. Technical-implementation Specialists address the installation and configuration, and Application Consultants define the workflow and educate the users on how to use the new interfaces.
- Central Clinical Collaboration Platform is installed in the central hub and supports multiple patient identification and MPI/PIX queries, providing a unique worklist across the sites.
- The site not yet digital is pre-staged at Philips facilities and connected to the modalities to start storing the images.
- The site with a Philips Radiology Solution is smoothly connected using our SmartSync technology.
- The site with a third-party solution is connected using an Archive Agent to move the metadata to the global worklist.
- The Global Worklist is ready for use.
- Diagnostic clients are web-deployed to all diagnostic workstations, and the Central Clinical Collaboration Platform will enable enterprise access with a zero-foot-print viewer.
- Doctors gain a global view of all studies, loading images and data via smart-tunneling and streaming capabilities – allowing extremely fast loading, even with poor bandwidth.

Connecting people and data, virtually anywhere

Philips Clinical Collaboration Platform establishes an interoperable clinical data ecosystem – connecting professionals with the imaging data they need across the continuum of care. This modular, multi-site, multidomain standards-based Enterprise Imaging solution enables real-time, on-demand access to holistic clinical data for those involved in the care journey, including the patients.





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