



PHILIPS

IntelliSpace

PACS

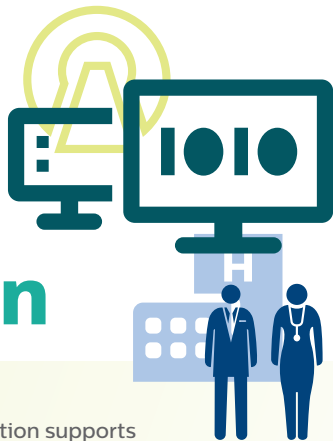
Clinical depth
anywhere, anytime



Informed images everywhere it matters

Quick, easy access to images from multiple modalities, unconstrained by your location, capable of transforming your workflow and enhancing patient care. Our IntelliSpace PACS delivers what you need to provide clinical insights anywhere,¹ anytime, with a unique approach that meets clinical needs across the enterprise.

A proven solution



The IntelliSpace PACS solution supports thousands of clients in facilities ranging from imaging centers to orthopedic groups to 5,000-bed multi-facility healthcare groups. Philips has enjoyed a long, successful history as a PACS provider and is cited by leading industry analysts as a PACS vendor considered most often in the purchase decision.

Fee-per-study delivers predictability

Our comprehensive service delivery model can be adapted to meet your needs. Offered on a fee-per-study basis, IntelliSpace PACS provides proactive monitoring, software upgrades, and unlimited workstation licenses, with uptime and image delivery times guaranteed.

Advanced capabilities yield insights

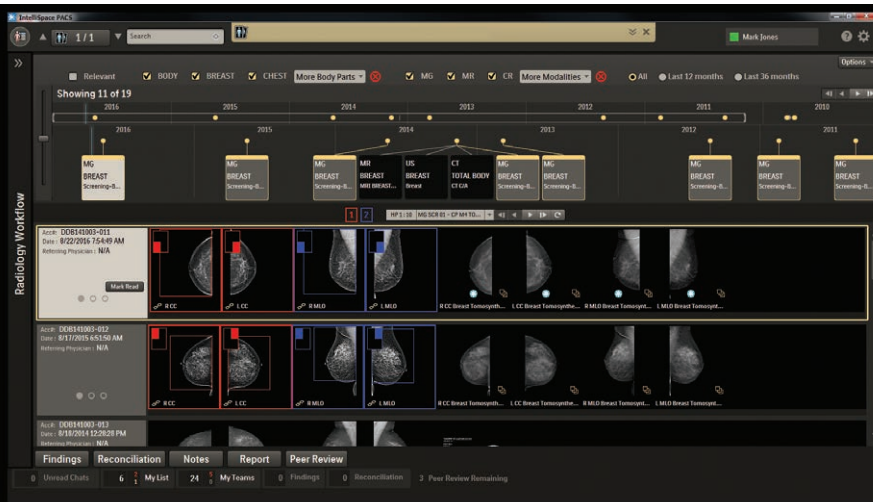
Advanced 2D/3D/4D viewing,² clinical applications, and workflow tools deliver relevant data, facilitating collaboration throughout the enterprise with built-in flexibility, scalability, and interoperability to enhance clinician workflow, patient care, and financial outcomes.

An enhanced experience right from the start

The solution starts with an architecture that provides fast access to diagnostic-quality images with low system demand, an open platform, and a rich application programming interface (API).³ This allows you to easily access specialized workflow tools, anatomical libraries, and other applications such as enterprise information systems.

Find what you need – **quickly**

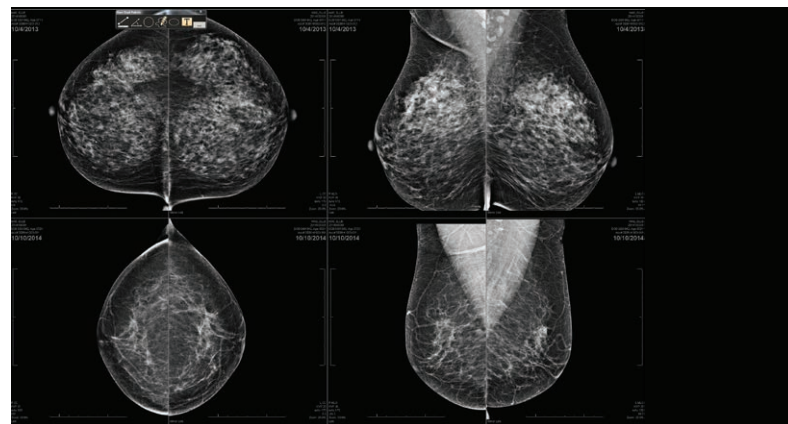
No matter how you interact with your IntelliSpace PACS, you'll appreciate how it helps you enhance productivity. Radiologists can view prior studies just as quickly as new ones, and access the tools necessary for efficient interpretation and image comparison. Clinicians can retrieve images quickly on any PC, and even on mobile devices.⁴ Caregivers can access needed clinical depth through advanced clinical applications, and administrators appreciate the cost savings and predictability of the service delivery model.



The IntelliSpace PACS 4.4 timeline provides an overview of the patient's imaging history and all relevant studies at a glance.

Designed for your environment

From its advanced technology to its responsive service model, IntelliSpace PACS has been designed with an understanding of the day-to-day needs of healthcare organizations. To enhance productivity, it features clinical enterprise workflow solutions that include single-user interface, 2D/3D/4D software capabilities, volumetric data interpretation, and interfacing with other decision support tools within PACS, including a unified patient timeline. Advanced workflow tools support effective decision-making, helping you to manage communication, ED discrepancies, peer review, critical findings, resident workflow, and exam assignment.



IntelliSpace PACS Radiology and Enterprise 4.4 deliver – in three seconds or less for first image⁵ – diagnostic-quality images across modalities, specialties, and systems.

IntelliSpace PACS Radiology Workspace Solution*

By accelerating study review with on-demand delivery of diagnostic-quality images, this comprehensive radiology reading application creates a single view of images and information, helping improve departmental productivity and enhance diagnostic confidence.

IntelliSpace PACS Enterprise

Bringing the power of radiology to the point of care, this clinician-designed, web-based application delivers full-fidelity images and patient information virtually anywhere across the enterprise, with delivery in three seconds or less for first-image. It can also web-enable a legacy PACS, leveraging prior investments.

IntelliSpace PACS iVault

A comprehensive system for managing and protecting your data, IntelliSpace PACS iVault offers always-online medical image storage in a secure, scalable system that reduces cost and complexity. It utilizes a “least cost retrieval” mechanism to deliver images from the optimal source available on the network.

Advanced Workflow Solution

With powerful clinical workflow features and value-added functionality, this web-based information management application streamlines radiology workflow, enhances communication and reporting, and facilitates the delivery of patient care.

* IntelliSpace PACS Radiology Workspace Solution incorporates Advanced Workflow Solution, Canvas, Workflow Cockpit, and IntelliSpace PACS. Please contact your Philips representative for version compatibility.

A powerful portfolio

Through advances in workflow management, image review, reporting, and clinical applications, the IntelliSpace PACS solution is designed to drive interoperability and enhance productivity. The solution encompasses a powerful and growing portfolio of applications that guide informed decisions with valued clinical capabilities, providing relevant data and collaboration throughout the enterprise.





IntelliSpace PACS Anywhere⁶

With comprehensive communication and workflow capabilities, an intuitive user interface, and a zero-footprint format with unlimited scalability, IntelliSpace PACS Anywhere delivers clinical review information across your enterprise and beyond on almost any device.⁶

IntelliSpace Cardiology Enterprise Viewer R1.1⁷

By delivering on-demand access to finalized cardiovascular studies across the enterprise, this application facilitates fast decision-making.

Elevate confidence in security and technology performance, and gain time with an Enterprise Imaging solution that is monitored and managed as a service.



IntelliSpace PACS VNA Support

Specific features allow IntelliSpace PACS to serve as a front-end interface for customers with vendor-neutral archives desiring fast, familiar, and clinically rich viewing capabilities combined with efficient workflow management.

IntelliSpace PACS Advanced Mammography

IntelliSpace PACS Advanced Mammography offers reading functionality that streamlines workflow and reduces clicks. It combines the review speed and quality of a mammography workstation with the ease of PACS integrated workflow, and supports viewing of images including synthetic 2D images and tomosynthesis stacks.

IntelliSpace PACS Federation⁸

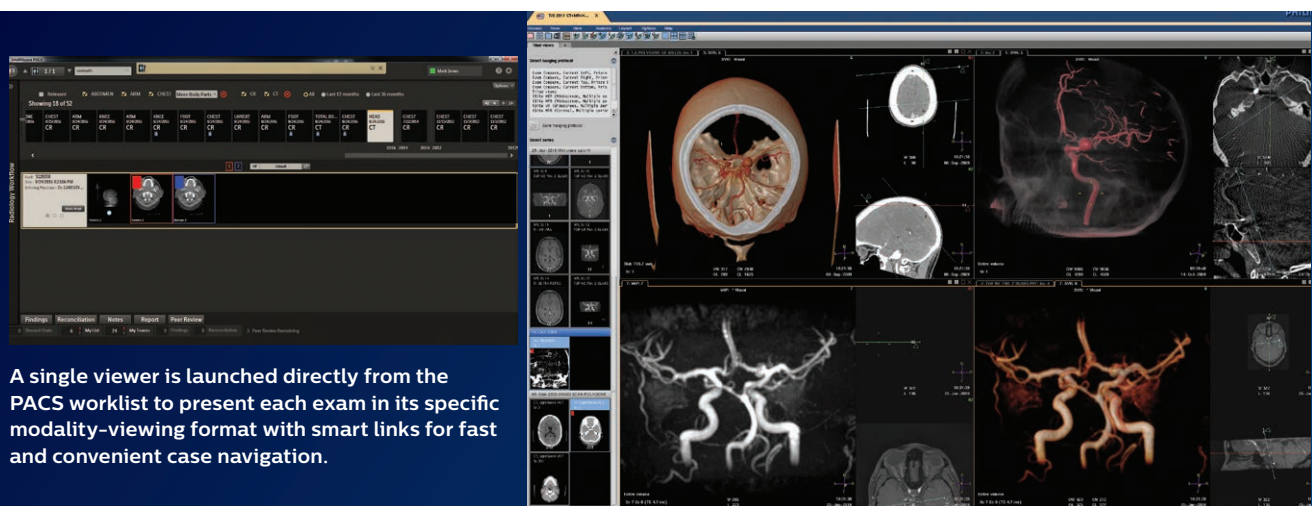
Federation allows users to view other IntelliSpace PACS archives, or access a disparate PACS, to present reports and images to the clinician with a view of a patient's imaging history. This allows a patient's diagnostic-quality images to move among facilities along with the patient.

Clear and collaborative multi-modality review

Explore anatomy, pathology, and even physiology with speed, predictability, and confidence. IntelliSpace PACS unleashes the potential of modern, advanced cross-sectional modalities and 2D/3D ultrasound throughout the enterprise. Advanced hangings with advanced visualization 2D/3D/4D technology are combined with hanging protocol management to help you control how information is presented, enhancing productivity.

Hangings feature multi-volume linked displays, 3D navigators, multi-dynamic splitting, and 4D movie visualization. IntelliSpace PACS supports collaborative workflow through easy-to-use presentation states, bookmarking, and movie generation. This helps improve the efficiency of communication among radiologists and clinicians.

iSyntax* technology brings full advanced rendering performance to clinicians throughout the enterprise, without extra complexity.



A single viewer is launched directly from the PACS worklist to present each exam in its specific modality-viewing format with smart links for fast and convenient case navigation.

*Based on mathematical representations of images called wavelets, iSyntax allows just-in-time delivery of image data for quick access. Diagnostic-quality images are delivered over limited-bandwidth networks.



IntelliSpace PACS Advanced Mammography supports viewing and diagnosis on specialized monitors. Hanging protocols automatically display images from a variety of sources correctly, including those from third-party vendors and external centers.

Providing quick, convenient access to routine functions, a specialized mammography keypad features large buttons and is backlit for dark reading environments.

“Advanced mammography reading from your IntelliSpace PACS Radiology workstation provides a single point of access for a holistic view of patient medical history.”



Advances keep pace with healthcare imperatives



IntelliSpace PACS

is trusted by customers around the world for its history of innovation. We continually develop new ways for your PACS to streamline access to images and information, and support both efficient workflow and excellent patient care.

Put your data to **work for you**

There is more healthcare data than ever to help you make business decisions, and yet the path from data to insight isn't always clear. IntelliSpace Radiology Analytics* sorts through that data and provides information about referral patterns, resource utilization, and radiologist efficiency to help you make business decisions and measure the results. A web-hosted application that can be accessed via a browser from virtually any location, IntelliSpace Radiology Analytics leverages multiple data sources to compile information in easy-to-interpret charts and reports. The data is updated daily, so you always have the latest information you need to examine trends, uncover inefficiencies, and lead your department to operational excellence.

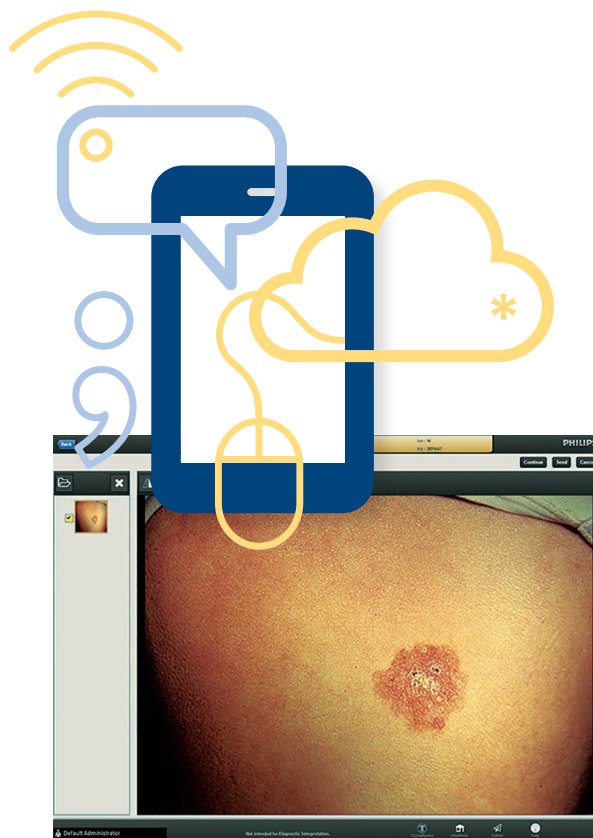
*IntelliSpace Radiology Analytics is not available for sale in all countries. Please consult your Philips representative regarding availability.

Release **visible light images** from their silo

Visible light images are useful to capture patient condition in specialties such as dermatology, general surgery, neurosurgery, orthopedics, wound care, endoscopy, and other areas. However, the resulting images often remain on mobile devices that are fraught with security inadequacies, or are stored in departmental silos that are separate from other patient information. IntelliSpace VL Capture⁹ makes it easy for you to include visible light images and videos in your PACS, so that you can access the full complement of images when making patient care decisions.

A more **detailed record**

IntelliSpace VL Capture works with photos from SLR cameras as well as iOS mobile phones and tablets. The easy process allows you to capture visible light images, add necessary annotations and exam codes, and send them to your IntelliSpace PACS. In addition to providing a more detailed record than diagnostic images alone, archiving visible light images allows you to compare today's visible light images to previous ones to assess changes in disease states and evaluate treatment progress.



With IntelliSpace VL Capture, IntelliSpace PACS can be a single respository to manage virtually all your medical images across the enterprise.

Interoperability that empowers collaboration

IntelliSpace PACS offers the ability to interface with third-party applications via a flexible application programming interface (API). Add third-party image processing, workflow, and diagnostic tools – such as advanced search and communications features, pre-operative planning tools, digital templating, and voice recognition – to seamlessly customize workflow to your needs.

Specialty tools

- 3D tools
- Cardiology
- Nuclear Medicine
- CAD
- Clinical decision support
- Orthopedic templating

Enterprise information systems

- Electronic Medical Record
- Radiology Information System
- Hospital Information Systems
- Cardiology Information Systems

Custom solutions

- In-house developed EMR
- In-house developed ED reporting
- In-house developed workflow solutions

Workflow tools

- Reporting
- Speech recognition
- Peer review
- Metrics dashboard
- Data mining
- Contextual communications
- Workflow engines



Enabling the **EMR** and information sharing

IntelliSpace PACS can image-enable your EMR and interface with the RIS, smoothing workflow and allowing clinicians to more easily share information throughout a patient's care cycle.

The solution offers presentation of images, leveraging IHE profiles to allow communication of clinically relevant information among various health systems.



Making your **growth** easy

Other PACS may stress capital budgets with hidden costs for support, upgrades, storage, and additional workstations. Philips simplifies PACS, offering IntelliSpace PACS on a fee-per-study basis. This makes budgeting predictable and the total operating cost well-defined, which is particularly useful when you are replacing a legacy PACS. Our service-based delivery model transparently shows total cost of ownership, includes protection from hardware obsolescence, and provides a measurable return on investment. Proactive monitoring, software upgrades, and unlimited workstation licenses are also included.

Guaranteed uptime

We can guarantee up to 99.99% uptime for image availability throughout the total healthcare facility.

Works for you

The Philips Service delivery model provides high performance and scalability, helps to improve financial outcomes, and prevents obsolescence. Our live tech support and proactive monitoring are 24x7x365.

¹ It is the user's responsibility to ensure that Philips network performance recommendations for IntelliSpace PACS 4.4 are met.

² IntelliSpace Volume Vision is the 2D/3D/4D enhanced viewing application, part of IntelliSpace Clinical Applications R8.2, bundled with the comprehensive IntelliSpace PACS solution. IntelliSpace Volume Vision R8.2 is shipped only in combination with IntelliSpace PACS 4.4 and is not available for the iSite PACS 3.6 or 4.1 installed base.

³ Philips IntelliSpace PACS API is a standardized external interface requiring third-party validation for connecting products and solutions.

⁴ Mobile applications are not intended for primary diagnosis.

⁵ Requires that the Philips network performance recommendations for IntelliSpace PACS 4.4 are met.

⁶ This product is for clinical review and not intended for diagnosis or primary interpretations.

⁷ This is a non-diagnostic product for review only.

⁸ Federation is not offered in the current version of IntelliSpace PACS Radiology Workspace Solution, but is available on IntelliSpace PACS Radiology.

⁹ IntelliSpace VL Capture is not available for sale in all countries. Please consult your Philips representative regarding availability.

