

Technology Backgrounder

Philips IntelliSpace Portal 6

Philips IntelliSpace Portal 6 is the latest evolution of this advanced visualization and analysis solution. It seeks to transform care through its expanded and enhanced clinical capabilities and streamlined workflow, giving clinicians confidence in their diagnosis.

Also described as private, high performance cloud solution that is pre-engineered, pre-built and pre-tested, IntelliSpace Portal 6 now allows clinicians to access, review, analyze, diagnose and present images from multiple vendors¹ (depending on the local market) quickly, efficiently and collaboratively² – virtually anywhere, anytime.

The solution also features support for ultrasound as well as a comprehensive set of MR applications in neurology and cardiology to complement several other expanded and enhanced applications in multiple clinical specialties. As a result, the advanced clinical tools let radiologists do more, allowing them to view and process studies from Computed Tomography (CT), Molecular Imaging (MI), Magnetic Resonance (MR) and ultrasound (US) scanners – all through a single platform. Users can perform advanced visualization studies on a PACS (Picture Archiving and Communications System) workstation, desktop or laptop without moving to a dedicated workstation or interrupting patient scanning workflow.

Expanded and enhanced clinical capabilities to support clinical excellence

Philips IntelliSpace Portal 6 is designed to tackle clinical challenges in key specialties by simplifying the way clinicians work, think and care for patients and delivering deep, comprehensive clinical information for complex cases. Along with US viewing (in Multi Modality Viewer), a dedicated set of advanced tools for Neuro and Cardiac with the MR Cardiac, MR Neuro, CT TAVI Planning³ and CT Acute MultiFunctional Review applications is now included. These applications expand the rich range of CT, MR, MI and true multi-modality clinical applications currently available on Philips IntelliSpace Portal to confirm the thought of the clinical excellence approach, covering domains such as cardiology, neurology, oncology, vascular, ‘emergency’, orthopedics and dental. For example, the Multi Modality Tumor Tracking plays an important role in cancer care by tracking and quantifying lesions across modalities over a period over time.

Key Benefits/Features

- Thin client architecture, making CT, MR, MI, and US image data and applications available virtually anywhere
- A true multi-vendor¹ platform that can read image data from both Philips and non-Philips imaging sources
- Easy-to-use rich clinical applications, ranked #1 by KLAS⁴ in their Advanced Visualization August 2013 report
- Innovative collaboration² capability developed to facilitate easy communication of advanced visualization results among clinicians
- Application Programming Interface (API) with Philips’ IntelliSpace PACS
- Philips “open integration” policy, which allows the IntelliSpace Portal 6 to sync with third-party PACS solutions by conforming to Digital Imaging and Communications in Medicine (DICOM) standards

- Multi Modality Tumor Tracking uses data from CT, MI and MR to provide automated tumor segmentation of lesions from discovery to treatment, as well as reports on the growth and functional changes of individual lesions in the form of standards

Streamlined workflow to speed time from image to diagnosis

Another innovative feature is the IntelliSpace Portal Web Collaborator⁵. This innovation allows radiologists to share clinical images with referring physicians, who can jointly interact with the images while discussing diagnosis and treatment decisions. This includes automated, zero-click, pre-processing and pre-set retrieval of prior studies designed to accelerate “image to analysis” which can significantly reduce preparation time and boost productivity.

Additionally, images are presented in a ready-to-read format, reducing the time needed to prepare results and multiple advanced views.

Key Benefits/Features

- State-of-the-art clinical applications, designed to enhance the ability of today’s advanced imaging system to help clinicians quantify and diagnose quickly
- Multi-modality, scalable multi-site⁶, and multi-user access from virtually any location, offering clinical functionality, workflow and collaboration tools via thin-client interface with PACS
- Collaborative workflow that makes the radiologist an integral part of patient care and gives clinicians the ability to access, create and communicate actionable information from virtually anywhere

A brief overview of Philips IntelliSpace Portal

Philips introduced IntelliSpace Portal as the company’s advanced visualization and analysis solution as Version 4 in 2010. Version 5 followed in 2011, featuring additions such as multi-vendor support for MR and a suite of MI applications for SPECT and PET. IntelliSpace Portal 6 is the solution’s latest evolution, offering ultrasound support, 12 new applications and a comprehensive suite of MR applications in neurology and cardiology, and semantic model technology to allow for multi-vendor visualization and analysis.

With the introduction of IntelliSpace Portal 6, Philips also offers The RightFit Service Agreements which provide software updates, hardware upgrades, education and technical and clinical support to keep IntelliSpace Portal installations up-to-date over the long term.

For more information, additional materials and images, go to www.philips.com/ECR and click on the “News Center” tab.

Notes to Editors

¹ Please contact your local Philips representative for details on multi-vendor coverage

² Web Collaboration enables viewing and sharing with tablets and smartphone devices – not intended for diagnosis

³ CT TAVI Planning – 510(k) pending, not available for sale in the USA

⁴ A leading research firm with the mission to improve health care technology delivery by honestly, accurately and impartially measuring vendor performance for their provider partners

⁵ Web collaborator enables viewing and sharing with computers, tablets and smartphone devices – not intended for diagnosis

⁶ Needs Philips IntelliSpace Portal Concerto
