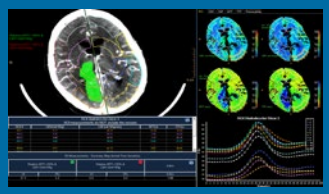
PHILIPS

IntelliSpace Portal 9.0

Product brochure



All your advanced analysis needs
One comprehensive solution

Complexity in imaging services is growing.

Do you have the right tools?

- Pressure on productivity
- Your challenges
- Maintain security and performance of IT systems
- Disparate information systems
- Demand for informed decisions
- Need for fast, confident diagnosis

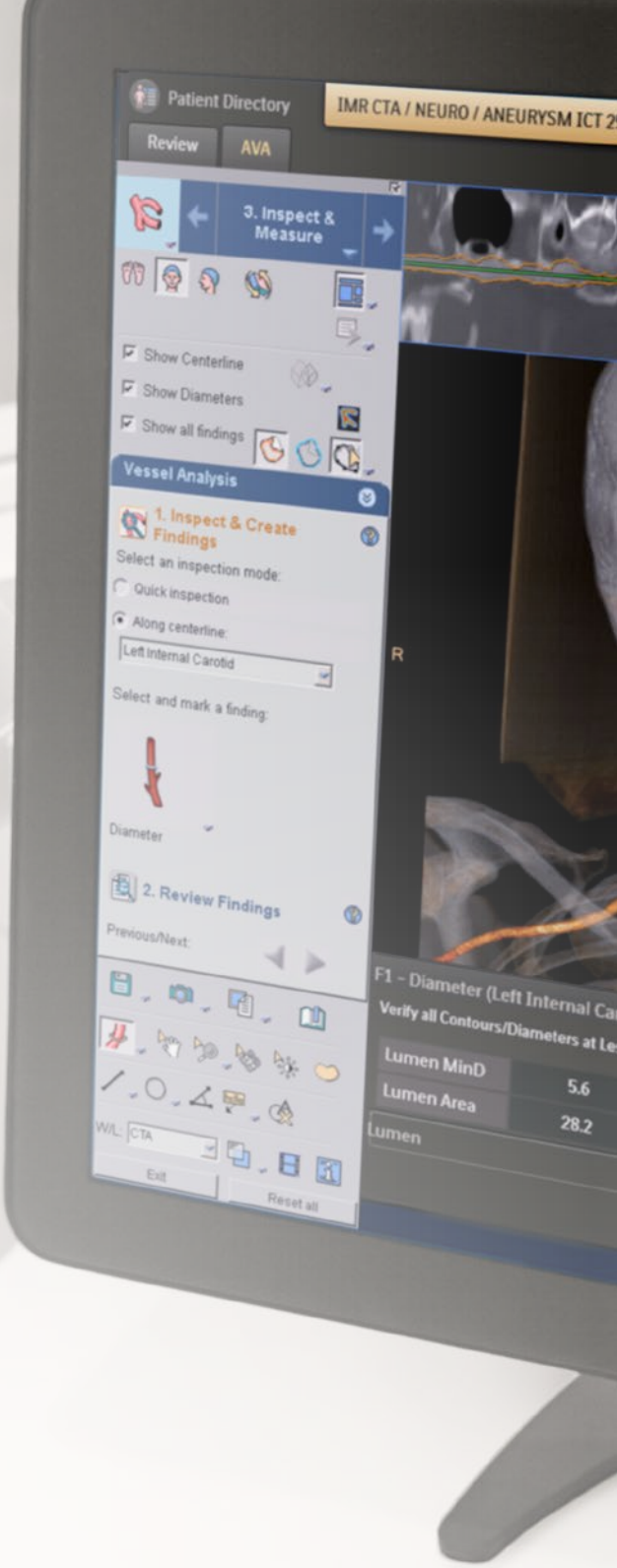
The power to visualize, diagnose, communicate, and achieve more, faster – **with one connected solution**

- A complex environment
- Multiple scans
- Multiple care sites
- Multiple modalities
- Multiple systems
- Multiple information points

Philips IntelliSpace Portal 9.0

One patient, many questions

With ever increasing focus on efficiency, patients rely on you for quick and confident diagnosis. But your patient may present with complex scans spanning multiple time points and modalities. Do you have the right tools to provide confident, objective, and quantifiable diagnosis? Introducing **IntelliSpace Portal 9.0**, a comprehensive advanced analysis solution providing a broad view of your patient designed to optimize your diagnosis. **Combining clinical acuity and workflow efficiency, IntelliSpace Portal 9.0 is the one solution you need.**



An advanced visualization and analysis solution for **a single comprehensive overview of your patient**

- Access a broad set of applications across multiple clinical domains
- Obtain a multi-faceted patient view across multiple modalities
- Work consistently and efficiently thanks to a unified user interface and workflow acceleration features
- Integrate with multiple hospital systems, from PACS* and beyond
- Work as one with your radiology department, accessing applications from virtually anywhere and integrating multi-vendor* datasets

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

What's new in IntelliSpace Portal 9.0 for you?

Clinical capabilities

Discover insights into the body's most complex organ with a new longitudinal and comparative application[1] optimized for neurology. Plus integration of the CorTechs Labs, Inc. NeuroQuant® application keeps you at the forefront of clinical practice.

Greater clinical depth

Based on customer feedback, Philips continues to enhance the diagnostic capabilities of your existing clinical applications for improved workflow and clinical depth.

- **Keep the beat** with new enhancements to MR Cardiac applications, Multi Modality Advanced Vessel Analysis, Comprehensive Cardiac Analysis, and workflow optimizations on our leading TAVI application
- **Further personalize the patient experience** with MR Perfusion Leakage Correction, and modifications to CT Brain Perfusion.

More integrated

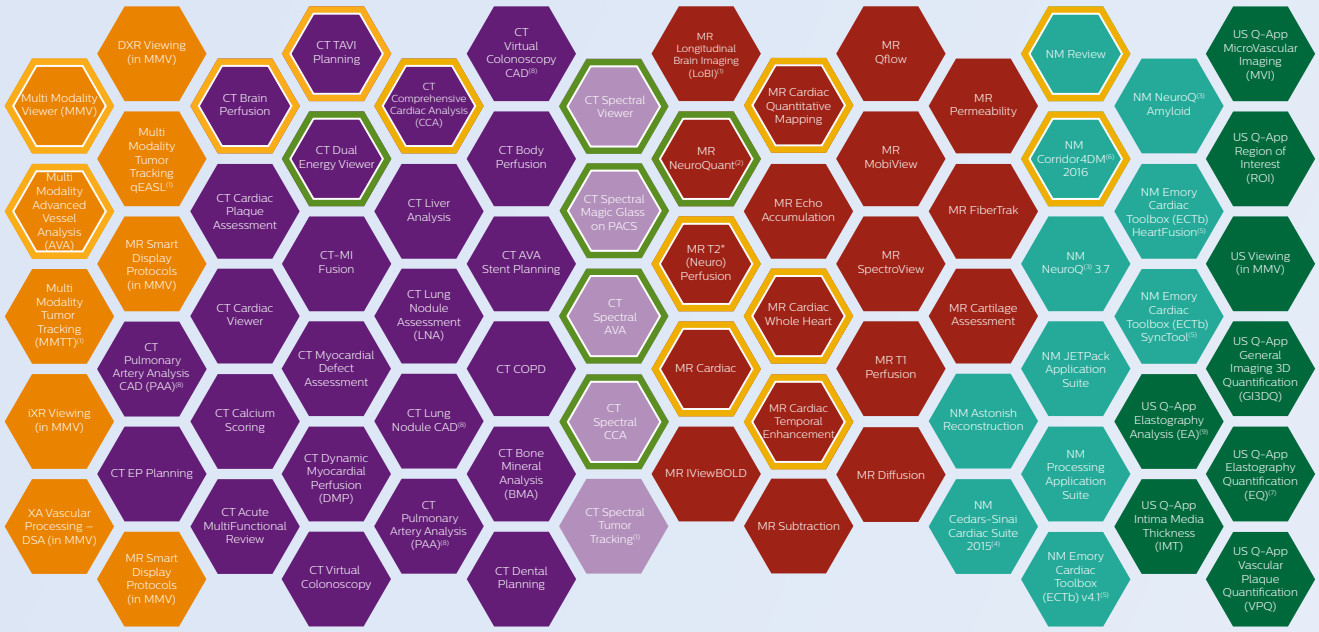
Now enjoy rapid, and real time access to support under enhanced service agreements. Plus connectivity is now even smoother with the Philips Suite of HealthCare Informatics solutions. IntelliSpace Portal 9.0 has enhanced VMware® scalability and improved prefetch and preprocessing capabilities to streamline your workflow. Integration with the IntelliSpace Cardiovascular Suite brings advanced analysis even to the cardiac suite.

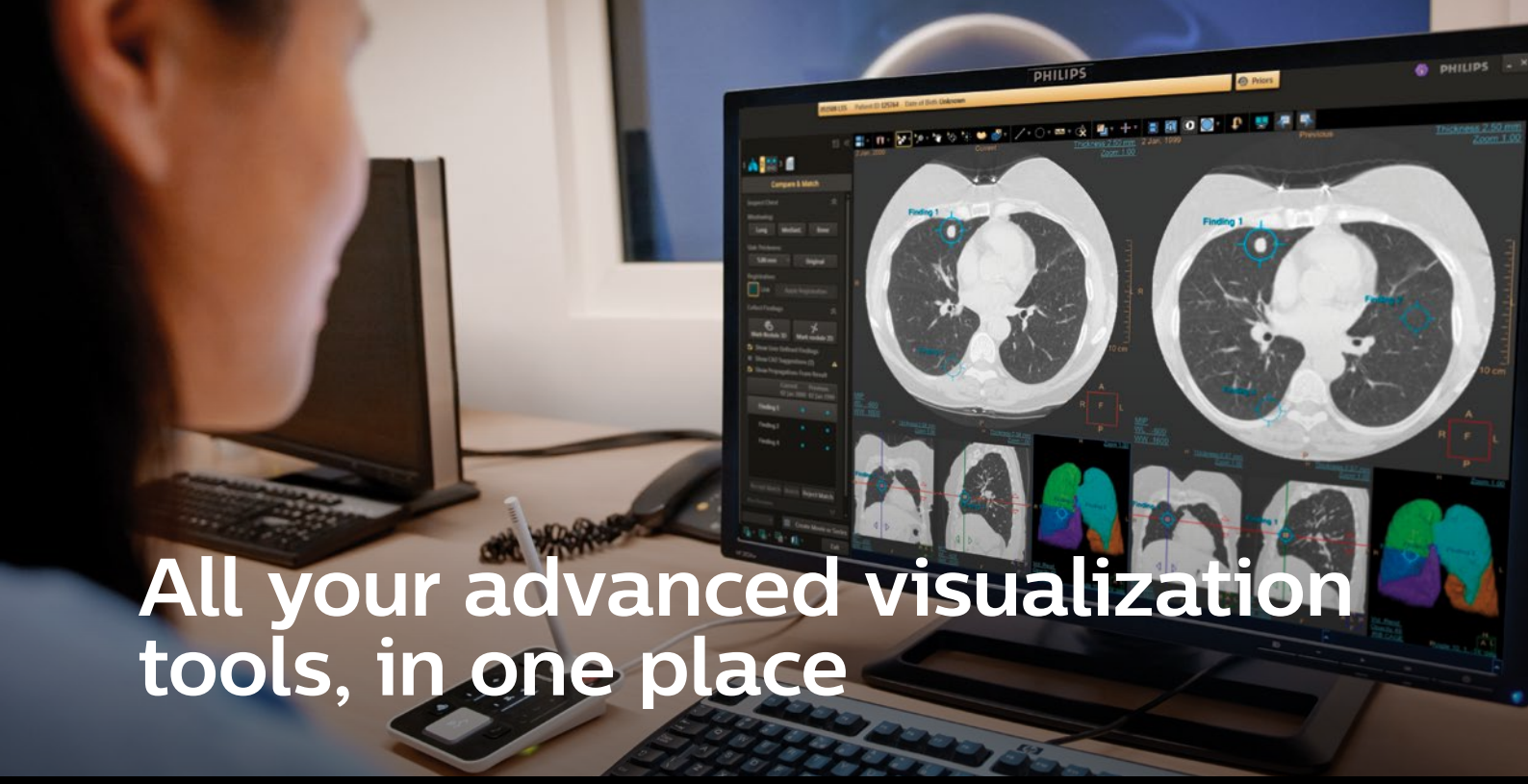
Improved workflow

Machine learning capabilities allow IntelliSpace Portal 9.0 to predict your usage patterns and preprocess patient data before you even open a study. IntelliSpace Portal 9.0 applications have been further optimized for stable, and faster performance. Improved Key Image Notes help you communicate findings with ease. Plus the Philips KnowledgeScape application offers the latest real-time tips on application usability during a case.

A suite of spectral applications

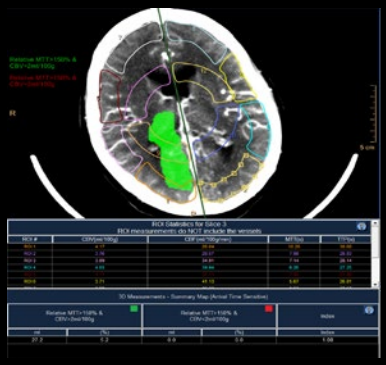
Designed for the IQon Spectral CT scanner, the IntelliSpace Portal now includes a full suite of CT spectral applications, and will be a platform for more in the future.



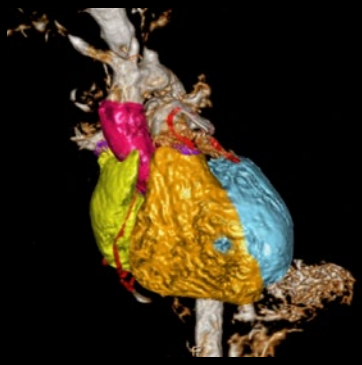


All your advanced visualization tools, in one place

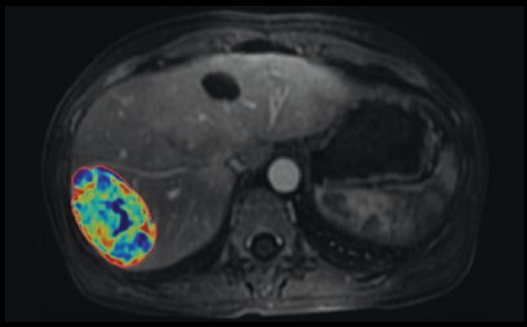
Neurology



Cardiology



Oncology



IntelliSpace Portal 9.0 applications

- MI
- MR
- US
- Multi Modality (MM)
- CT
- CT Spectral

- Enhanced
- New

(1) Pending 510(k), not available for sale in the US
(2) NeuroQuant® is a trademark of CorTechs Labs, Inc.
(3) NeuroQ and EQuAL are trademarks of Syntermed
(4) Not available for sale in all countries. Please check for availability in specific countries
(5) Emory Cardiac Toolbox, ECTb, HeartFusion, and SyncTool are registered trademarks of Emory University
(6) Corridor4DM is a registered trademark of Invia, LLC
(7) Not available for sale in the US
(8) CAD functionality not available for sale in the US
(9) Only for sale in the US

Multiple advanced tools, **one integrated workflow**

One standard for diagnosis

A comprehensive set of over 70 clinical applications in multiple clinical domains, including neurology, cardiology, vascular, oncology, and more provides you with the right tools when you need them. Each application has been developed with quantification and measurement tools designed for diagnostic confidence and repeatability***, all on a platform which has consistently been recognized for clinical leadership.

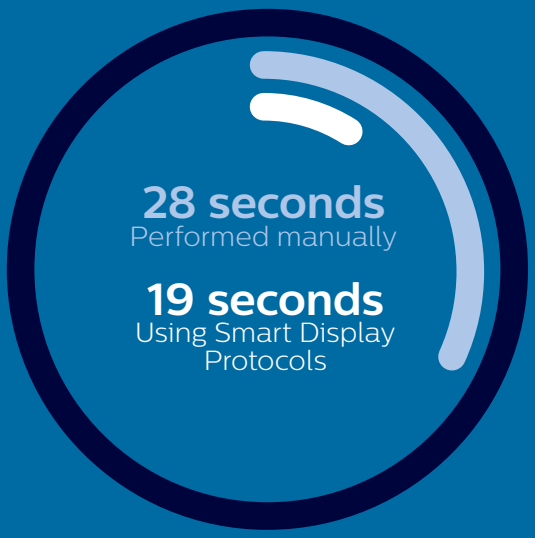
One consistent workflow

When every minute counts, you need tools to help you provide answers fast. With consistent workflows across applications, enhanced and improved prefetching and preprocessing tools – which have been shown to save up to 77%* of time on complex patient analysis – task guidance, and context-based clinical decision support tools, IntelliSpace Portal 9.0 is designed to optimize your workflow. Newly introduced algorithms even learn your preprocessing patterns to anticipate your needs before you even open cases. With a server that can be accessed from almost any computer and includes PACS integration**, your entire radiology department is connected with one solution.

* Compared to the Philips EBW v4.x workstation
** Please contact your local Philips representative for details on multi-vendor coverage.
*** Data on file

BEST IN KLAS 2015/2016

> "The IntelliSpace Portal has really helped us simplify and streamline our workflow. It has all the necessary tools for a complete evaluation of the dataset. It's a real time-saver for the radiologist."
>
> ***J. Louis Rankin***

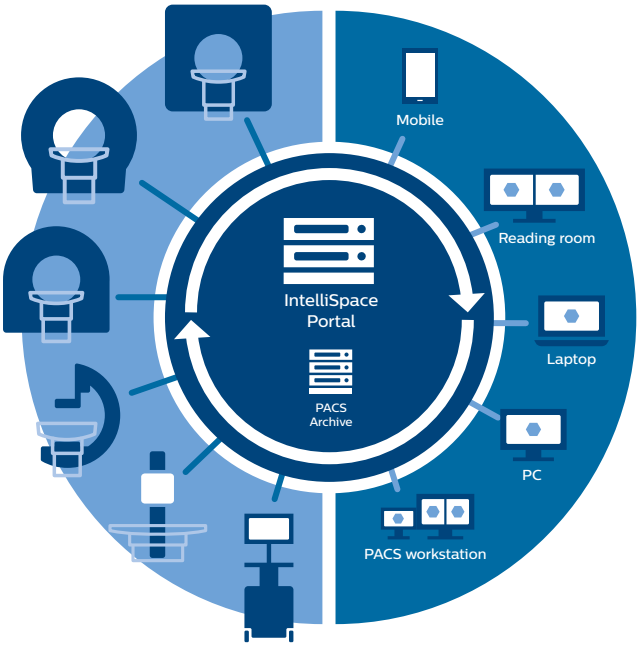


Work 31% faster* with fewer mouse clicks using Smart Display Protocols on Multi Modality Viewer

***Measured in a comparison study, Montepellier, France, 2015**

One comprehensive overview

The only solution which allows you to combine applications for Philips' all new IQon CT Spectral Scanner, conventional CT, MRI, NM, interventional X-ray, diagnostic X-ray, and ultrasound viewing and analysis. With new and enhanced tools for longitudinal[1] views of your patient, this is the single multi-modality solution for a complete view of your patient's condition.

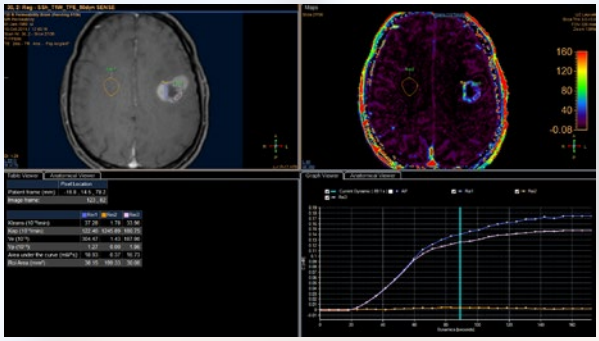


[1] Pending 510(k), not available for sale in the US

Innovation and you

As a solution that evolves continuously, the IntelliSpace Portal delivers the latest clinical advances and enhanced, world-class applications year after year. You make this development process possible. Your insights today drive the innovations we offer you tomorrow.

For example, customer feedback has resulted in various improvements in MR Permeability, helping to provide a better overview of leakage modeling.



One solution for today and tomorrow

Advanced analysis is changing rapidly, and so is the IntelliSpace Portal. To help you perform at your peak, Philips delivers optimized system usage and the latest clinical advances each year, all based on your input, to help you provide the best clinical care while improving efficiency. And with our Right Fit service offerings, you automatically benefit from application enhancements, technical upgrades, as well as training solutions.

Drive excellence

Tomorrow's already planned for with RightFit Service Agreements. They connect you to a steady stream of innovations, like application enhancements and software updates, which expand and deepen your clinical coverage. Clinical education and training services help make the most of your solution from day one.

Expect peak system performance thanks to automatic software upgrades and scheduled hardware upgrades. Be confident your software and hardware work together hassle-free and empower you to deliver the right care at the right time.

Protect your investment from day one

Adjust your advanced visualization capabilities to the growing needs of your enterprise at a low total cost of ownership. This allows you to scale up and tailor your usage without worrying about upfront costs.

Share the goal of superb patient care

When you choose Philips, you're investing in a long-term relationship. We're committed to helping you realize the full clinical and operational potential of IntelliSpace Portal 9.0 in your organization. To do this, we leverage our strong track record, deep clinical insights, global delivery capabilities, and broad spectrum of services.

Your partner, at any time

Philips can now offer real-time assistance to customers on service contracts, allowing you access via the IntelliSpace Portal main user interface. Philips can help meet your needs from on-the-fly troubleshooting to application support, at any time, with a secure and direct connection. Moreover, with enhanced remote access services, Philips can remotely address customer issues and resolve problems, reducing issues and maximizing system uptime, while, keeping your system performing at optimal levels.

Continuous improvement

IntelliSpace Portal clinical enhancements

IntelliSpace Portal 4 2012

- Full CT suite
- Routine MR

IntelliSpace Portal 5 2013

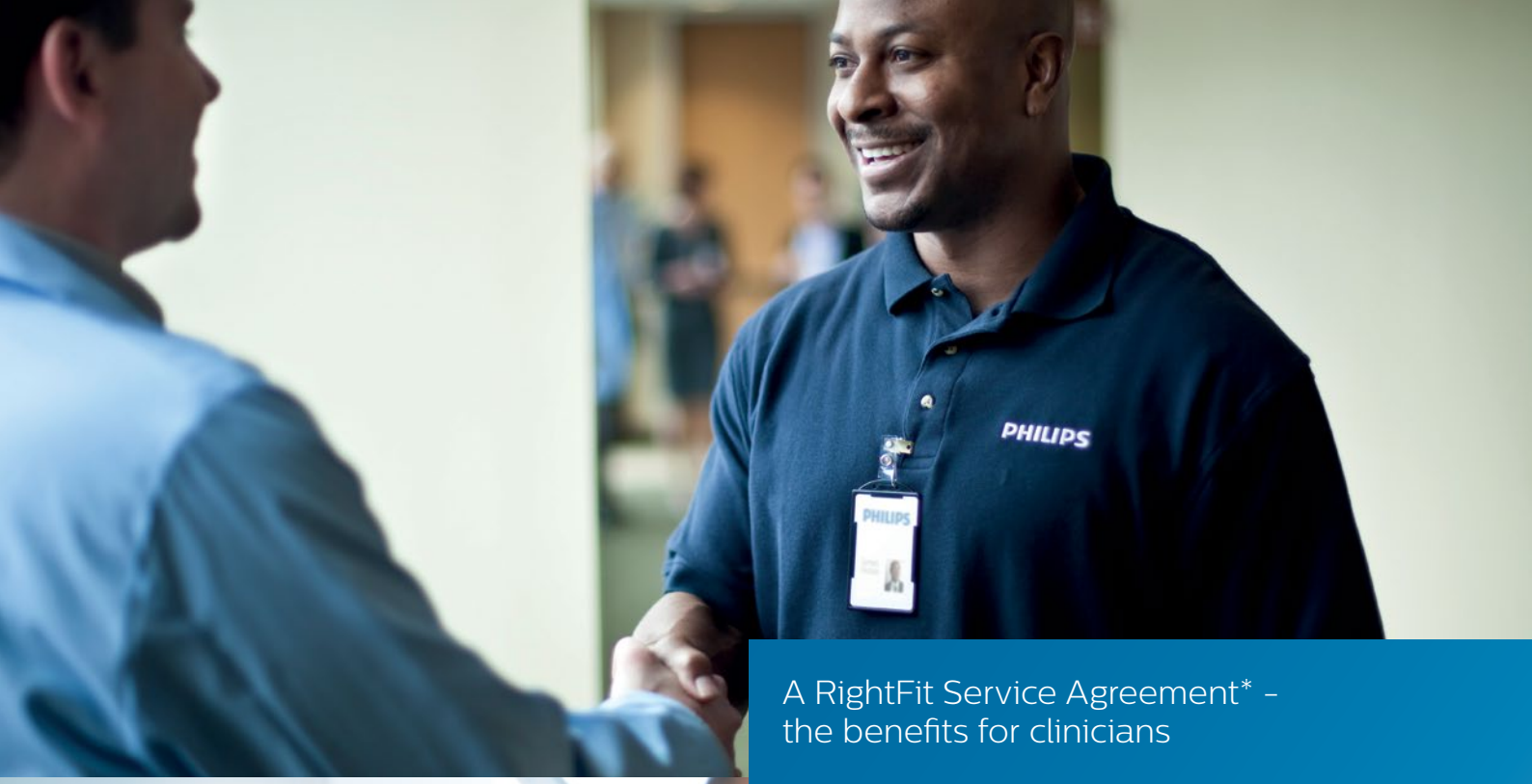
- Multi Modality Tumor Tracking (MMTT)
- Full NM suite

IntelliSpace Portal 6 2014

- Advanced MR: cardiac and neuro
- Routine Ultrasound
- Multiple application enhancements like NM Amyloid analysis
- Enterprise deployment

IntelliSpace Portal 7.0 2015

- Multi Modality AVA
- New pulmonary applications such as PAA and COPD
- iXR and DXR Viewing
- Philips Allura Interventional Suite integration
- Enhanced reporting and integration
- Multiple application enhancements such as MR Perfusion/Diffusion Mismatch
- VMware® ready
- Ultrasound applications
- Enhanced reporting and integration



A RightFit Service Agreement* – the benefits for clinicians

- Software and hardware upgrades and updates with, enhancements to existing applications and easy access to new applications
- Tailored technical/clinical/business consulting service depending on your needs
- Training courses (clinical and administrative)
- Clinical and technical support (remote and on-site)

* Some conditions apply

IntelliSpace Portal 8.0
2016

- Enhanced Multi Modality Tumor Tracking (MMTT)
- New CT Lung Nodule Assessment
- MR Quantitative Cardiac Mapping
- Post-processing of iXR images
- MR Smart Display Protocols (in MMV)

IntelliSpace Portal 9.0
2017

- **Longitudinal and Comparative Brain Imaging App.[1]**
- **A full suite of CT Spectral Applications**
- **NeuroQuant® integration**
- **MR Perfusion Leakage Correction**
- **Enhanced applications including MR Cardiac, Multi Modality AVA, CT TAVI, CCA, and more**
- **MMTT and qEASL[1]**
- **Workflow and stability optimizations such as Machine Learning**
- **Enhanced remote monitoring and service capabilities**

[1] Pending 510(k), not available for sale in the US

Multiple modalities, **one integrated platform**

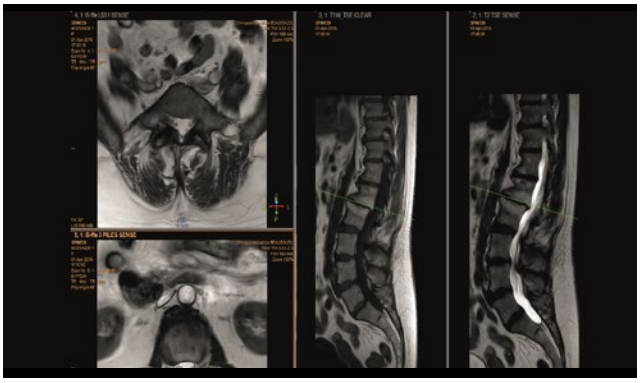
Getting the full picture on your patient, from initial review through advanced analysis, often requires images from multiple modalities. Quantify and measure disease states using multiple 3D tools as well as data from CT, MR, and other modalities.

IntelliSpace Portal 9.0 multi-modality applications

- Multi Modality Advanced Vessel Analysis (AVA)
- Multi Modality Viewer
- Multi Modality Tumor Tracking (MMTT)[1]
- Multi Modality Tumor Tracking qEASL[1]
- XA Vascular Processing - DSA (in MMV)

Enhanced

[1] Pending 510(k), not available for sale in the US



Multi Modality Viewer (MMV)
Gives a complete overview of all generated advanced data in 2D or 3D. Can combine images from different modalities for deeper analysis such as advanced viewing and postprocessing (DSA) of angiographic images. Multi-modality display of CT, MR, MI, PET, US, 1XR and DXR datasets.

Speed up workflows by 77%

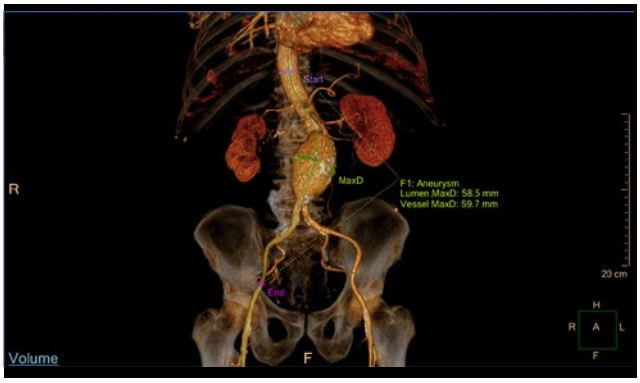
Multi Modality Advanced Vessel Analysis (AVA) reduces the manual time-to-results by 77% for neuro (head/neck) and body CT angiography (CTA) exams.*, **

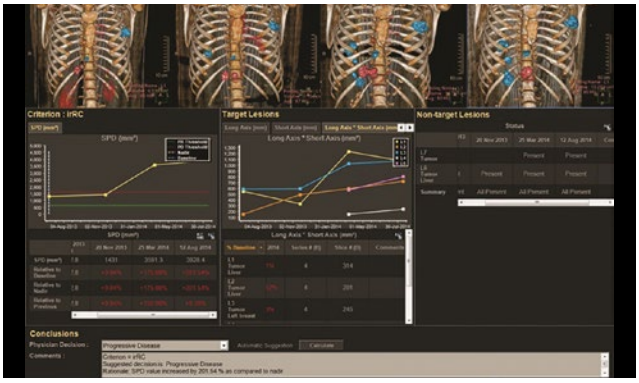
Manual procedures

Multi Modality Advanced Vessel Analysis (AVA) with ASC

* Compared to the Philips EBW v4.x workstation

** Kadavigere, R., Maiya, M., Rao, V., Read, K. Standardized Results of CT Angiography Obtained with Automated Postprocessing Using a Dedicated Server: A Workflow Optimization Study. A collaboration of Philips Healthcare and Kasturba Medical College at Manipal University, India. Radiological Society of North America 2011 Scientific Assembly and Annual Meeting, November 26 - December 2, 2011, Chicago, USA.





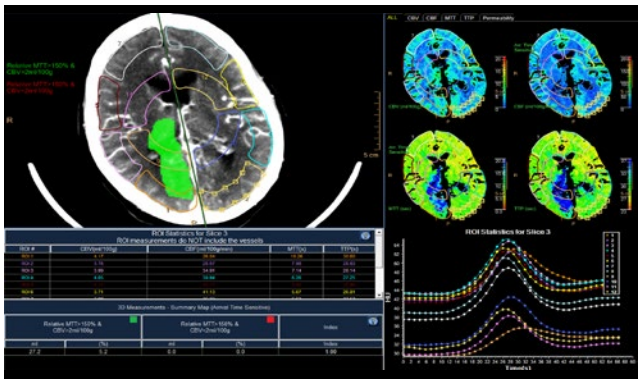
Multi Modality Advanced Vessel Analysis (AVA)

Reduce comprehensive cardiovascular analysis planning to about five minutes. Take advantage of multiple presets, advanced editing tools, and user-defined options to examine and quantify vascular lesions from CTA and MRA studies. These may be used to examine and quantify vascular lesions such as cerebral and carotid stenosis, aortic aneurysm, as well as peripheral arterial disease. Enhanced workflow and bone removal tools provide exceptional 3D visualization and may help contribute to more consistent results. Recent enhancements also include algorithms optimized for Circle of Willis analysis.

Multi Modality Tumor Tracking (MMTT)[1]

Monitor tumor progression or remission over time, evaluating response to therapy using sequential PET/CT, SPECT/CT, MR, and CT and comparing multiple studies with automatic registration and improved segmentation workflows. Easily share findings between applications to enhance treatment planning. Now includes Glucose SUV measurements.

[1] Pending 510(k), not available for sale in the US



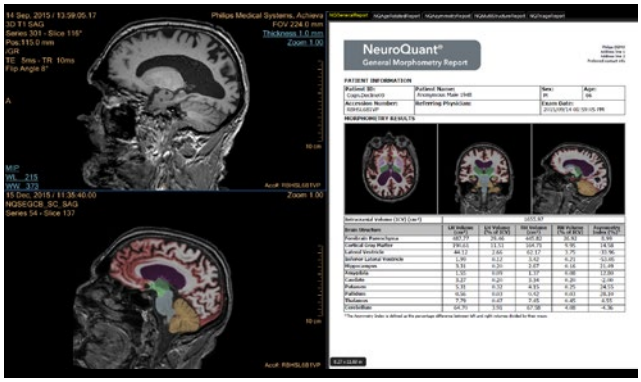
CT Brain Perfusion

Identify areas of salvageable tissue in acute stroke patients using customizable summary maps and automatic ROI tools. Data integrity notifications offer an extra measure of diagnostic confidence – especially helpful in time-critical treatment decision. Further assess risks using enhancements that visualize regions of higher collateral supply.

MR Longitudinal Brain Imaging (LoBI)[1]

Track neurological disorders with automatically registered serial brain scans, to help monitor disease progression. LoBI also provides segmentation tools for volumetric quantification and quantitative comparison between time points. Aids in the visualization of subtle changes in the brain of the same individual across time.

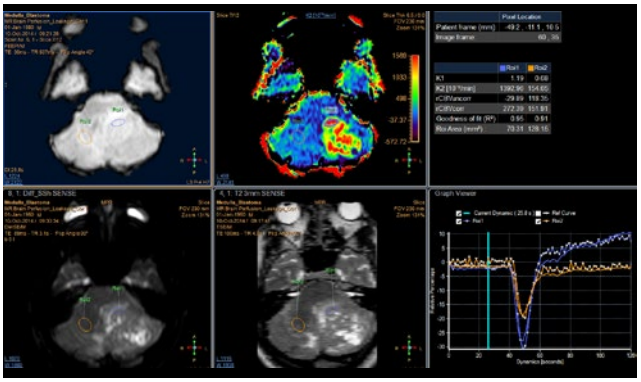
[1] Pending 510(k), not available for sale in the US



MR NeuroQuant®[2]

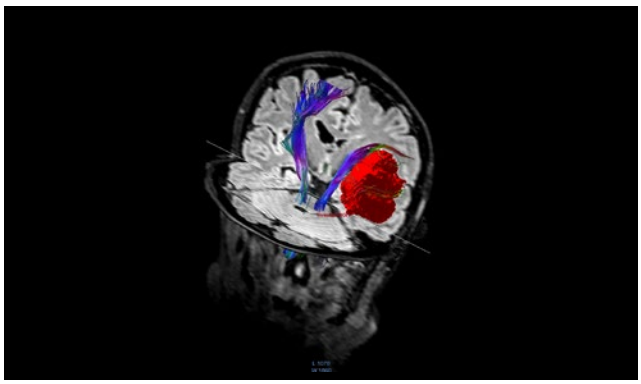
Segments the brain structures from MR 3D T1 weighted series and calculates the volumes of all of these structures for comparison to a large normative database of brain structure volumes. Simple workflows provide convenient, reliable, and objective measurements of neurodegredation.

[2] Registered trademark of the CorTechs Labs, Inc.



MR T2* (Neuro) Perfusion

Designed to assess brain perfusion helping with stroke assessment. The application provides MTT, relative Cerebral blood Volume, time to peak, time of arrival, and relative Cerebral Blood Flow (relCBF). Recent enhancements include perfusion/diffusion mismatch and leakage correction.



MR FiberTrak

Visualize white matter connectivity in the brain using task guidance for generating common or user-defined tracts. Detailed examples guide you for the various tracts. Visualization includes overlays, such as with functional maps. Bookmarks save any (intermediate) view of the package on a dataset.

Neurology applications

A single solution for confident diagnosis of our most complex organ
With the ageing population, neurodegenerative disease is on the rise worldwide. Approximately half of the current procedural MR volume is related to neurological and spinal cord disease. Since neurological disorders are often chronic, patients require long-term follow-up, and changes in the brain can be subtle and hard to detect. Do you have the right tools to manage a growing and complex patient population?

This suite of neurology applications is designed to increase diagnostic confidence in acute cases, as well as chronic neurological conditions. New and enhanced applications across multiple modalities enrich your understanding of the patient's condition. Multiple built-in features support your diagnosis and help you achieve confident answers for the body's most complex organ.

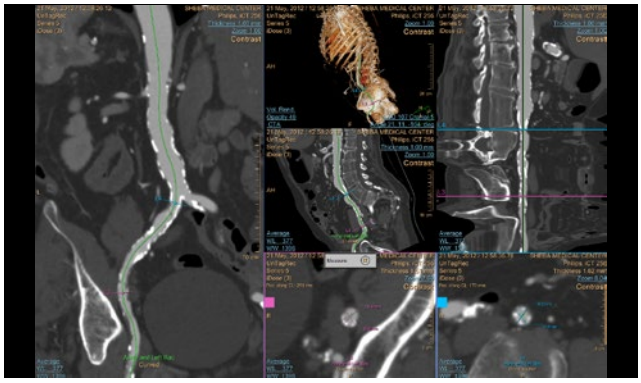
Neurology applications in IntelliSpace Portal 9.0
- New: CT Spectral AVA
- New: MR NeuroQuant®[2]
- Enhanced: CT Brain Perfusion
- Enhanced: MR T2* (Neuro) Perfusion
- Enhanced: Multi Modality Advanced Vessel Analysis (AVA)

MR Diffusion
NM EQuAL
MR FiberTrak
MN IViewBOLD
MR Longitudinal Brain Imaging (LoBI)[1]
MR MobiView
NM NeuroQ 3.7[3]
NM NeuroQ Amyloid[3]
MR Perfusion Diffusion Mismatch
MR Permeability
MR Spectroview
MR Subtraction

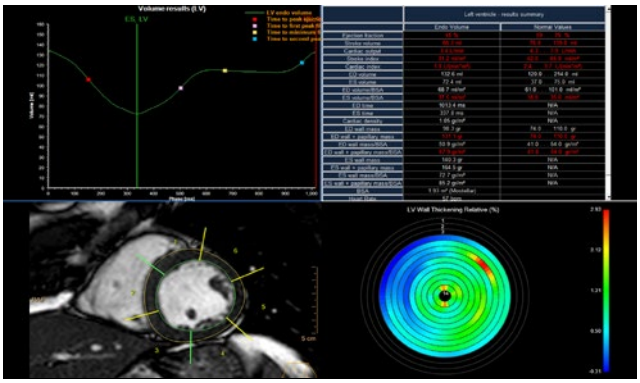
New
Enhanced

> "The IntelliSpace Portal has **completely changed** – for the better – how we approach advanced visualization and analysis."
>
> *Dr. Ilan Shelef, MD*
> *Soroka Medical Center*

[1] Pending 510(k), not available for sale in the US
[2] NeuroQuant® is a trademark of CorTechs Labs, Inc.
[3] NeuroQ is a trademark of Syntermed



CT TAVI Planning
Quickly assess the aortic root anatomy for pre-TAVI planning with new enhancements including the addition of workflows to analyze vascular access, all from within a single application. Obtain crucial information about eligibility, proper device size, and a recommendation for C-arm angle for device deployment.



MR Cardiac Analysis
Enables quick visualization with viewing protocols, of a single, multiple or all available cardiac series, including synchronization of cardiac phases. Recent enhancements include recalculation of parametric maps by curve fitting using the Least Squares (LSQ) method, improved registration, ability to hide colors outside a ROI(s), and outlier removal.

Cardiovascular applications

Keeping the pace with the latest in cardiovascular enhancements.
Diagnose and monitor cardiovascular diseases with confidence with a comprehensive and updated suite of applications to examine and quantify vascular lesions and perform the latest in quantitative cardiac analysis. From diagnosis to treatment planning and follow-up, the IntelliSpace Portal 9.0 has the tools to help you obtain results fast, all from a single workspace to streamline your patient management from end to end.

Cardiovascular applications in IntelliSpace Portal 9.0:
- New: CT Spectral Comprehensive Cardiac Analysis
- Enhanced: CT Comprehensive Cardiac Analysis (CCA)
- Enhanced: CT TAVI Planning
- Enhanced: MR Cardiac
- Enhanced: MR Cardiac Whole Heart
- Enhanced: NM Corridor 4DM[1] 2016

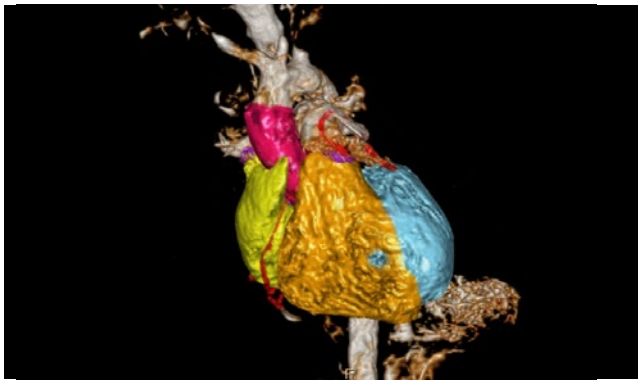
CT Calcium Scoring
CT Cardiac Plaque Assessment
CT Cardiac Viewing
CT Dynamic Myocardial Perfusion (DMP)
CT EP Planning
CT-MI Fusion
CT Myocardial Defect Assessment
NM Astonish Reconstruction
NM Cedar-Sinai Cardiac Suite 2015[2]
NM Emory Cardiac Toolbox (ECTb) v4.1[3]
MR Cardiac Functional Analysis
MR Cardiac Temporal Enhancement
MR Spatial Enhancement
MR QFlow
US Q-App General Imaging 3D Quantification (GI 3DQ)
US Q-App Intima Media Thickness (IMT)
US Q-App Vascular Plaque Quantifcation (VPQ)

- New
- Enhanced

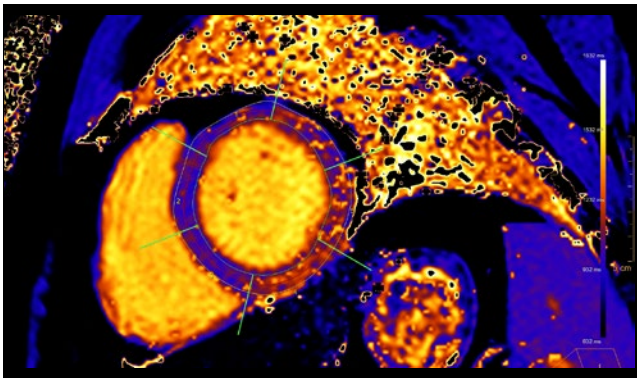
[1] Corridor4DM is a registered trademark of Invia, LLC
[2] Not available for sale in all countries
[3] Emory Cardiac Toolbox, ECTb, HeartFusion, and SyncTool are registered trademarks of Emory University

> “Cardiac MR and CT together [on Philips IntelliSpace Portal] have **lowered overall analysis time by 20%-30%*.**”
>
> *Dr. Gaby Weissman, MD*
> *MedStar Washington Hospital Center, Washington, D.C., USA*

* Results are specific to the institution where they were obtained and may not reflect the results achievable at other institutions



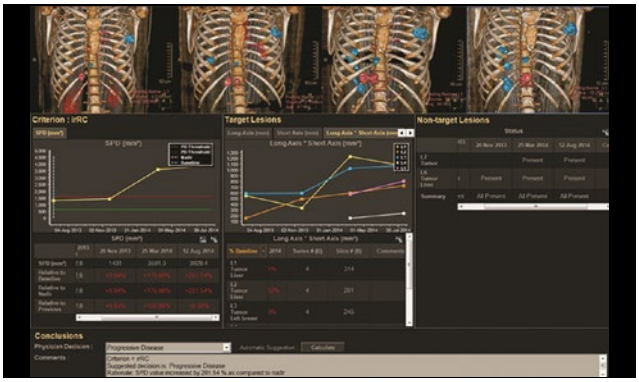
MR Whole Heart
Allows for automated segmentation of the heart to provide a high-quality 3D rendering of the heart including robust editing tools. Recent enhancements include added tissue labeling tools, improved editing tools for vessels, batch creation, and 3D printing and navigation tools.



MR Cardiac Quantitative Mapping
Review global and diffuse myocardial pathologies with T1 maps, T2, and T2* maps. Easily define local and regional segmentations of the cardiac wall, and base evaluations on data such as hematocrit, native T1, and enhanced T1 values.

One step closer to treatment

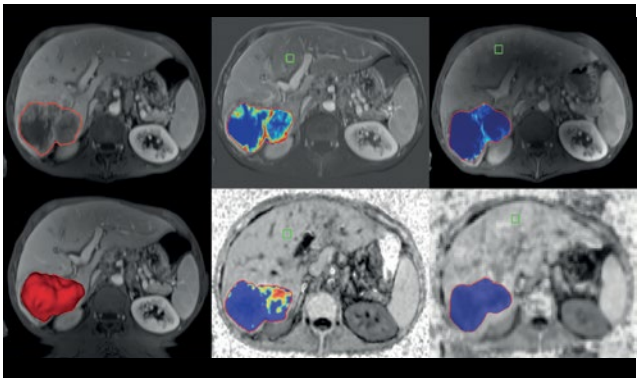
Bring advanced diagnostic imaging closer to the interventional suite by integrating your Philips Allura Interventional Suite with IntelliSpace Portal 9.0. This unique interventional X-ray integration puts an end to multiple patient searches by automatically retrieving patient data on IntelliSpace Portal 9.0. As a result, interventionalists can review advanced diagnostic imaging and previous analyses directly in the interventional suite before beginning treatment. What's more, new XA Vascular Processing - DSA (in MMV) capabilities allow interventionalists to manipulate images as needed.



Multi Modality Tumor Tracking (MMTT)[1]

Monitor tumor progression or remission over time, evaluating response to therapy using sequential PET/CT, SPECT/CT, MR, and CT and comparing multiple studies with automatic registration and improved segmentation workflows. Easily share findings between applications to enhance treatment planning. Now includes Glucose SUV measurements.

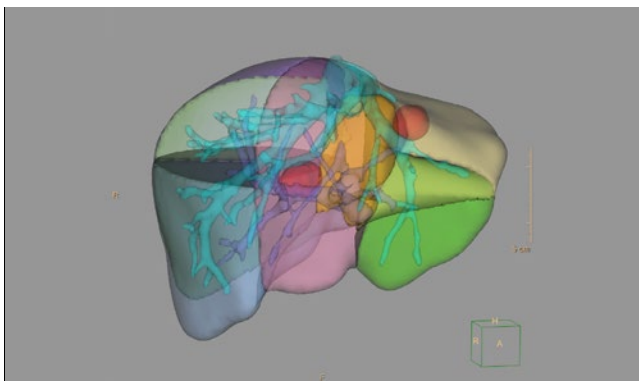
[1] Pending 510(k), not available for sale in the US



Multi Modality Tumor Tracking qEASL[1]

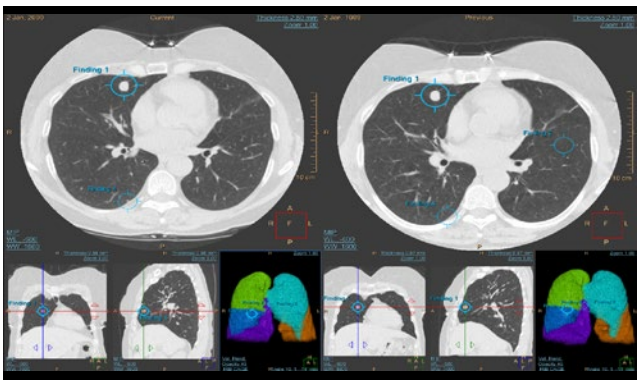
This quantitative 3D tumor response assessment tool provides visual indication for necrotic and viable tissue. IntelliSpace Portal 9.0 now includes methods for measuring enhanced volume of heterogeneous lesions and automatic volume calculations based on qEASL maps for mRECIST calculations.

[1] Pending 510(k), not available for sale in the US



CT Liver Analysis

This application automatically identifies the liver before semi-automatically segmenting it. Liver segments can now be created and viewed during the seed point placement process. Results tables are almost always displayed automatically, and you can directly copy them to your clipboard and reporting system.



CT Lung Nodule Assessment (LNA)

Streamline the detection, diagnosis, and follow-up analyses of lung nodules. This application offers quantitative measurements – even in low-dose scans – and a variety of decision support tools to boost diagnostic confidence. Enhanced semi-automatic volumetric segmentation[2] and editing is available, and LungRADS[2] categorization reporting supported by efficient presentation and automatic pre-fill of data.

[2] Not available for sale in the US

Oncology applications

Manage complex cases with robust tools

Cancer patients require constant vigilance. IntelliSpace Portal 9.0 provides updated tools to help you evaluate the stage and treatment response at multiple time points – and efficiently perform essential follow-ups. Advanced 3D and graphical tools help you store, present, and communicate clinical information for increased diagnostic confidence and productive collaboration. And with our Lung Nodule Assessment application optimized for your reading style, you have the tools to manage multiple patients quickly and effectively.

Focus on image analysis, not the imaging process

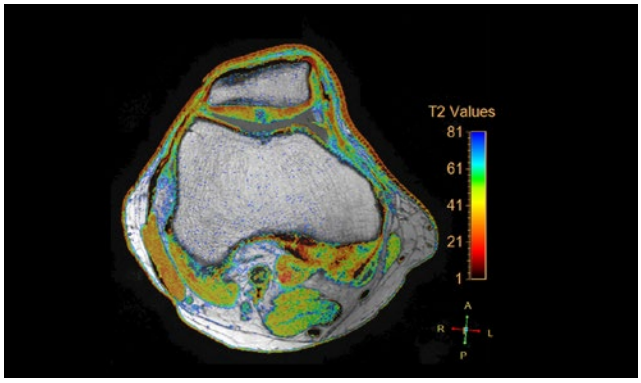
In today's oncology care, data keeps accumulating from multiple time points and multiple modalities. How do you manage it all – and deliver a confident diagnosis day after day? Design features such as workflow automation and automatic segmentation on IntelliSpace Portal 9.0 give you the insight you need quickly. This suite also assists you in organizing and presenting your data to give you a broad view of your patient along with disease anatomy and its properties plus the ability to remove non-target tissue.

Oncology applications in IntelliSpace Portal 9.0

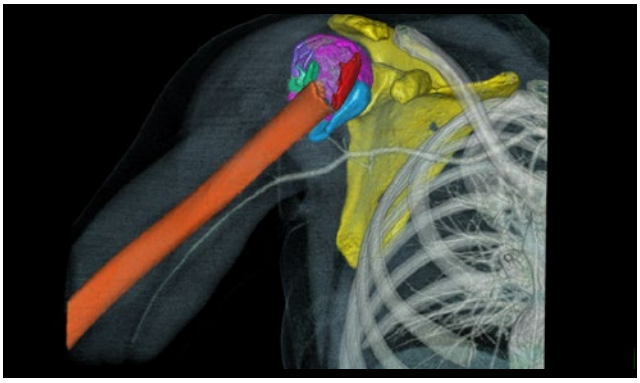
- 🟢 CT Spectral Tumor Tracking[1]
- 🟠 NM Review
- CT Body Perfusion
- CT Cardiac Viewer
- CT Liver Analysis
- CT Lung Nodule (CAD)[2]
- CT Lung Nodule Assessment (LNA)
- CT Virtual Colonoscopy
- MR MobiView
- MR Permeability
- MR Spectroview
- MR T1 Perfusion
- Multi Modality Tumor Tracking (MMTT)[1]
- Multi Modality Tumor Tracking (qEASL)[1]
- US Q-App General Imaging 3D Quantification (GI 3DQ)
- US Q-App Region of Interest (ROI)

🟢 New
🟠 Enhanced

[1] Pending 510(k), not available for sale in the US
[2] CAD functionality not available for sale in the US



MR Cartilage Assessment
MR Cartilage Assessment enables the visualization of cartilage structures integrated with color-coded T2 maps. Positioning of cartilage-shaped, layered ROIs is used to assess variation of T2 values across the cartilage depth to determine the degradation of the cartilage.



CT Acute MultiFunctional Review (AMFR)
Read trauma cases within one comprehensive post-processing application to diagnose trauma patients scanned with CT. It includes four stages of assessment, such as an MSK and surgical planning stage as well as an auto-spine stage, which automatically generates multi-planar reformatting along the spinal cord and disk spaces.

Orthopedic, pulmonary and other applications

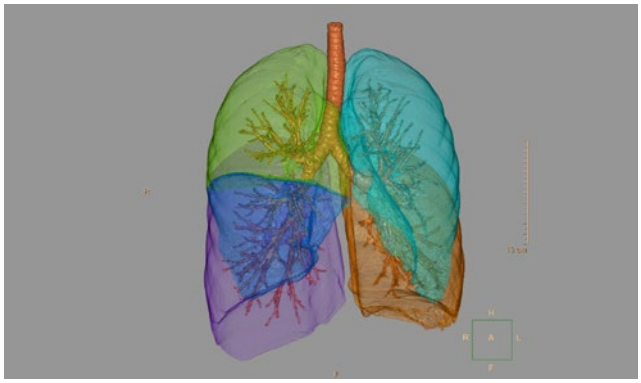
A comprehensive lung management solution on a single advanced platform

From nodule discovery to diagnosis to therapy monitoring and follow up, the IntelliSpace Portal offers a full suite of tools to help you track Pulmonary disease. The IntelliSpace Portal is an advanced visualization solution that allows you the flexibility to view, analyze, collaborate, and report seamlessly using consistent workflow tools.

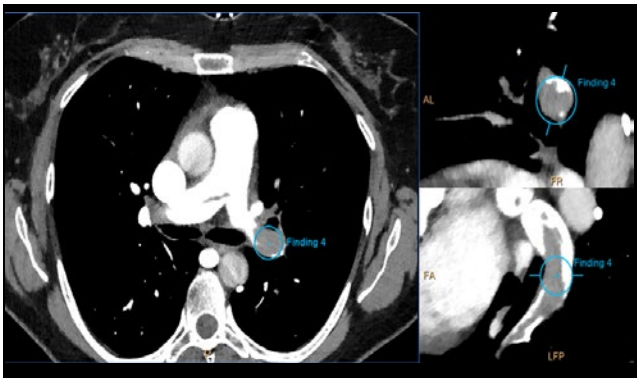
IntelliSpace Portal 9.0 pulmonary applications

- Multi Modality Viewer (MMV)
- CT COPD
- CT Lung Nodule Assessment (LNA)
- CT Lung Nodule CAD[3]
- CT Pulmonary Artery Analysis CAD (PAA)[3]
- CT Calcium Scoring
- Multi Modality Tumor Tracking (MMTT)[1]
- Multi Modality Tumor Tracking qEASL[1]
- US Viewing (in MMV)

Enhanced



CT COPD
CT COPD helps quantifiably track the destructive process of diffuse lung disease and localize specific areas. Automatically segment both lungs to determine total lung volume (cc), diseased lung volume (cc), and percentage of affected lung. Segment the airway tree, attain centerlines, and measure airway parameters.



CT Pulmonary Artery Analysis
A comprehensive tool for pulmonary embolism detection, this application includes manual and automatic tools which provide outstanding visualization of the lung and allow you to calculate heart chamber volumes.

Complicated assessments made easy
Due to an aging population as well as increases in obesity and sports activity, joint surgeries are on the rise. Perform a wide variety of tasks, such as assessment and reconstruction, quickly and easily thanks to the rich orthopedics application suite on IntelliSpace Portal 9.0. They're designed for even the most challenging musculoskeletal cases.

[1] Pending 510(k), not available for sale in the US
[2] Not available for sale in the US
[3] CAD functionality not available for sale in the US
[4] Only for sale in the US

IntelliSpace Portal 9.0 orthopedics and other applications
- CT Dual Energy
- CT Spectral Magic Glass on PACS
- CT Spectral Viewer
- NM Review
- CT Acute MultiFunctional Review (AMFR)
- CT Bone Mineral Analysis (BMA)
- CT Cardiac Viewer
- CT Dental Planning
- CT Pulmonary Artery Analysus (PAA)
- MR Cartilage Assessment
- MR Echo Accumulation
- NM JETPack Application Suite
- NM Processing Applications Suite
- US Q-App Elastography Analysis (EA)[4]
- US Q-App Elastography Quantification (EQ)[2]
- US Q-App General Imaging 3D Quantification (GI 3DQ)
- US Viewing (in MMV)

New
Enhanced

CT Spectral applications

Spectral results anytime, anywhere, enterprise-wide

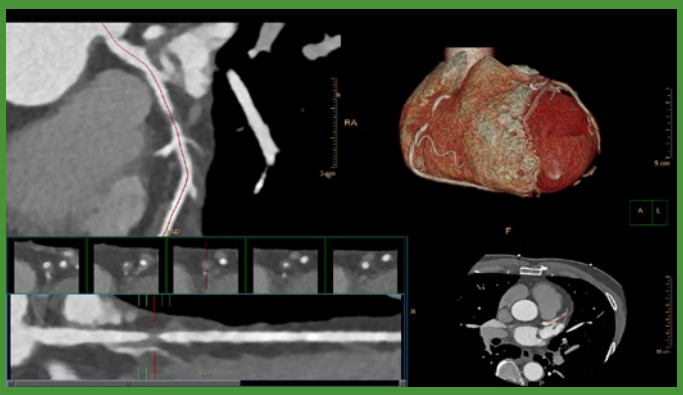
Philips IntelliSpace Portal Spectral applications suite has been optimized for the viewing and analysis of spectral data sets[1] from the IQon Spectral CT scanner. You can access the application you need when and where you need, anywhere in your enterprise.

Core spectral features

- keV slider
- Spectral Plots
- Fusion
- Spectral Magic Glass on PACS
- Viewing Presents

CT Spectral apps

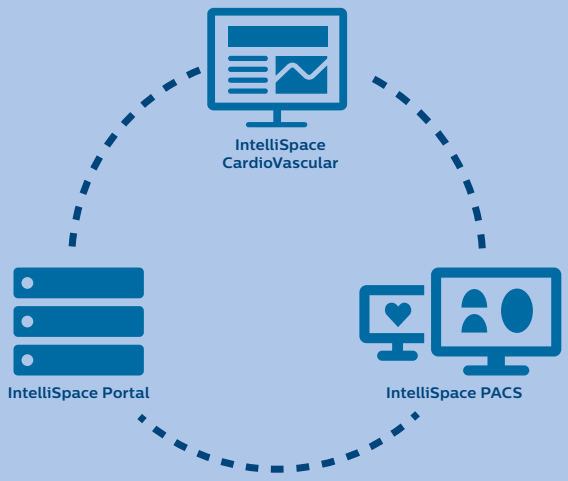
- CT Spectral Viewer
- CT Spectral Tumor Tracking[2]
- CT Spectral Advanced Vessel Analysis
- CT Spectral Comprehensive Cardiac Analysis



[1] IQon* CT reconstruction provides a single DICOM entity containing sufficient information for retrospective analysis - Spectral Base Image (SBI). SBI contains all the spectrum of spectral results with no need for additional reconstruction or post-processing. Spectral applications are creating different spectral results from SBI.
[2] Pending 510(k), not available for sale in the US

The power of ONE partner – The Philips informatics suite

While the IntelliSpace Portal is designed to work with HIS, RIS, and offers wide multi-vendor support allows you to easily integrate data sets from many scanners*, you can achieve an even more harmonized experience by combining Philips Informatics and Advanced Visualization solutions. Smart bookmarking and context-based application launch are just a few examples of the tighter integration between Philips' solutions. Combined solutions may help deepen your understanding of patients' care continuum, diagnosis, and treatment options. Contact your representative for more information on the suite of Philips informatics solutions.



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

Hospital IT: What IntelliSpace Portal 9.0 means to you

Working as one across your network

Advanced analysis is changing rapidly. It can be anything but simple for an enterprise to leverage the full potential of these developments and remain up to date. In just one solution, IntelliSpace Portal 9.0 connects your entire radiology department to advanced analysis, even in multiple locations, with service solutions which keep you up to date with the latest advances.

Multiple **clinical needs** | Multiple **modalities** | Multiple **patient data sets** | Multiple **third-party applications and scanners** | Multiple **imaging data systems**

One **solution**

- **Single** license set
- **Single** version
- **Single** advanced platform for all modalities
- **Single** point of service

Multiple clients | Multiple departments | Network of hospitals

The simplicity of one

As a server-based, single license-managed solution, IntelliSpace Portal 9.0 is easy to use, manage, and upgrade. Everyone works with the same software version, and all applications and licenses are handled in one solution. Integration with hospital systems such as PACs, RIS, and EMR helps keep information flowing*.

Scale to fit your enterprise

Help reduce resource planning complexity, both at individual sites and across multiple hospitals. IntelliSpace Portal quickly and easily adapts whenever more users and sites come online without interrupting your busy workflows.

Resource-based licensing for the IntelliSpace Portal works to enhance your investment in your existing systems by aligning the number of concurrent users to your organization's needs. Multiple users per site have access to the full range of installed applications. That access is continually optimized as the IntelliSpace Portal calculates data and server loads to route to the most suitable server available at that time.

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

Leverage virtualization

Increase your flexibility by using your existing hardware as often as possible with enhanced ability to use smaller configurations when necessary. IntelliSpace Portal 9.0 offers a software-only model that can be deployed in your IT infrastructure. IntelliSpace Portal 9.0 is Citrix®-ready, deployed using a virtualized client application. This platform can also run server or client-side virtualization in either your or Philips-owned equipment, even scaling requirements according to the expected number of users, thanks to VMware® certification.

Connecting care across the enterprise

IntelliSpace Portal 9.0 uses HL7 order information to start pre-fetching priors, for example, and integrate with your PACS, RIS, and EMR* so clinicians can obtain rich patient demographics and export patient reports. Clinicians reading exams with IntelliSpace Portal 9.0 can even launch the patient context from the EMR.

Support when you need it most – **Working as one with your hospital**

With IntelliSpace Portal 9.0, we have also developed a comprehensive set of service and monitoring tools which help assure your system is performing at all times. They can even deliver real-time help to solve problems fast. Comprehensive solutions like this aid in integration and deployment, and are all included as part of our service offerings.*

Peak performance – One solution for today and tomorrow
RightFit Agreements allow your solution to perform at its peak. You'll automatically receive all software and required hardware upgrades and updates to your base system software and the clinical applications that have already been purchased.

Comprehensive Philips RightFit Agreements give you access to a steady stream of innovations that enable you to expand your clinical integration and capabilities year after year. Workflow and optimization consulting, clinical education, and training services show you how to make the most of your solution from the start.

* These offerings depend on your contract and connection type. Please consult your service representative for more details.

Optimize your preprocessing automatically

All too often, workflows are slowed down due to ill defined settings and configurations. New machine learning algorithms on IntelliSpace Portal 9.0 have been designed to learn physician preprocessing patterns and adjust the configuration automatically, fine tuning your system with each new case opened.

Continuous evolution: IntelliSpace Portal **IT/System enhancements**

IntelliSpace Portal 4 2012

- Remote portal management system

IntelliSpace Portal 5 2013

- Multi-vendor support
- Enhanced UI
- Dual screen

IntelliSpace Portal 6 2014

- Non-DICOM imaging
- Auto-Registration
- Remote portal management enhanced
- IntelliSpace Concerto Solutions

IntelliSpace Portal 7.0 2015

- VMware® Virtual Deployment
- Citrix®
- PowerScribe 360
- WADO-RS
- Multi-site centralized storage
- Enterprise scalability up to 100 concurrent users

IntelliSpace Portal 8.0 2016

- Enhanced system stability

IntelliSpace Portal 9.0 2017

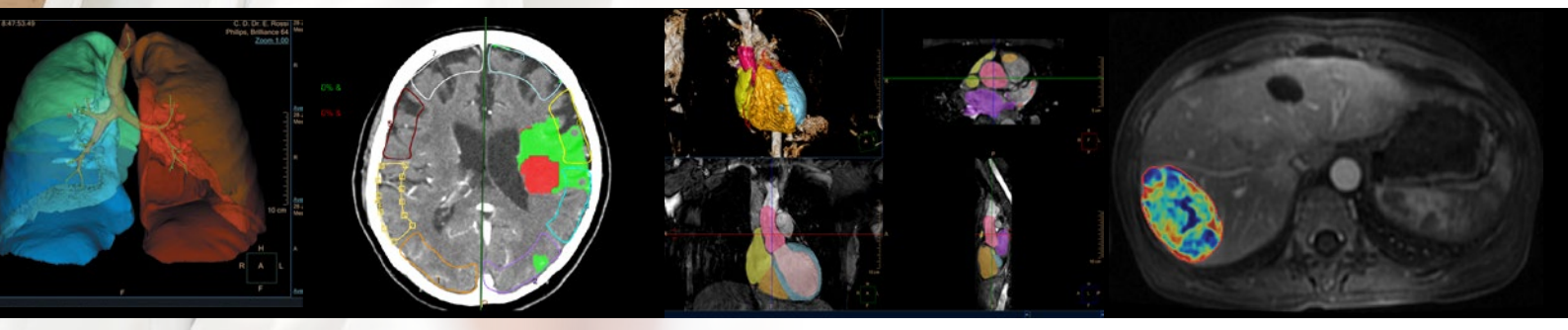
- **Pre-processing machine learning**
- **Improved system stability**
- **VMware® scalable deployment**
- **Enhanced remote service tools**
- **Philips real time assistance services**
- **Shared IBE**

Start
MaxD
F1: Aneurysm
Lumen MaxD: 58.5 mm
Vessel MaxD: 59.7 mm
End
F

Multiple clinical domains, **one standard for diagnosis...**
Multiple modalities, **one integrated platform...**
Multiple advanced tools, **one consistent workflow...**
Multiple patient needs, **one patient report...**

...and all **working as ONE** within your hospital to help optimize patient care for your most demanding patients.

Philips IntelliSpace Portal 9.0



Visit **www.philips.com/intellispaceportal** or contact your local Philips representative to learn how this innovative platform can help.

© 2016 Koninklijke Philips N.V. All rights reserved.
Specifications are subject to change without notice.

www.philips.com

4522 991 20981 * OCT 2016