All your advanced analysis needs,
One comprehensive solution

PHILIPS
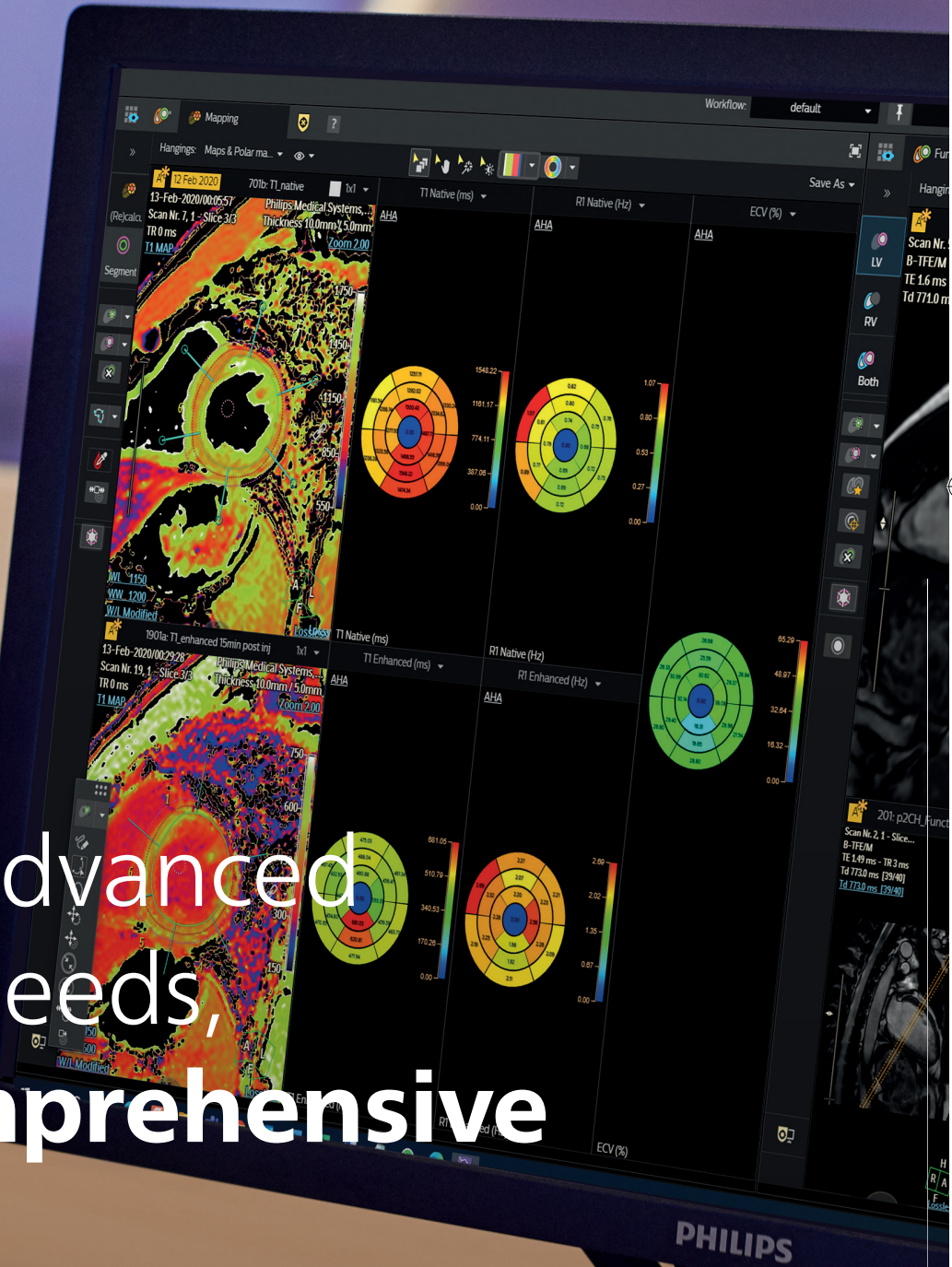
Your challenges

Increasing numbers of cases
100 studies (and rising) per day, per radiologist.

Increasing medical complexity
Multiple care pathways and novel treatments lead referring physicians to probe deeper into disease mechanisms.

Evolution of medicine
Demands on radiologists' interpretation to be quantitative and precise.

Increasing technological complexity
New scanning capabilities characterize pathologies in greater detail, but also yield more complex images.

Multi-disciplinary care teams
Radiologists must be able to communicate findings with a broad range of professions.

Address imaging challenges and aim for definitive diagnosis

With increase demand for efficiency, patients rely on you for quick and confident diagnosis. Your patients may present with complex scans spanning multiple time points and modalities. Do you have the right tools to provide confident, objective diagnosis? **Advanced Visualization Workspace** is a comprehensive advanced analysis solution providing a broad range of applications designed to support your diagnosis.

Drive improved treatment and care
Advanced Visualization Workspace delivers systems supporting confident diagnosis and informed treatment decisions.

Simplify data and insight gathering
Consolidating broad imaging data across multiple departments to improve patient care.

Reduce costs
Advanced Visualization Workspace is designed to help you maximize your resources to improve productivity through performance, efficient workflows and automation.

Support appropriate imaging and treatment
Optimize operational and clinical pathways and care delivery to reduce variation, facilitate appropriate utilization and improve the patient experience.

Develop innovations continuously
The platform is constantly updated with enhancements and innovation to support diagnostic confidence and improve user experience.

Multiple advanced tools,
one integrated workflow

One platform for diagnosis
A comprehensive set of over 80 clinical applications in multiple clinical domains, (including neurology, cardiovascular, oncology, and more) provide you with the right tools when you need them. Each application developed with quantification and measurement tools designed for diagnostic confidence, all on a platformwhich has consistently been recognized for clinical depth and breadth.

One consistent workflow
When every minute counts, you need tools to help you provide answers quickly and efficiently.
With consistent workflows across applications, enhanced and improved tools, Advanced Visualization Workspace is designed to optimize your workflow. Machine learning capabilities 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*, all imaging consumers across your facility are connected with one advanced visualization solution.

* Please contact your local Philips representative for details on PACS integration which may varied between vendors.

"The Advanced Visualization Workspace 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, RT (R)(MR)(PET), 3D Technical Coordinator, Imaging Services, at Saint Francis.

One comprehensive overview
The only Philips solution which allows you to combine applications for CT, MRI, NM, interventional X-ray, diagnostic X-ray, and ultrasound viewing and analysis. With new and enhanced tools for longitudinal views of your patient, this is an all-in one, multi-modality solution providing a complete overview of your patient's condition.

Advanced Visualization Workspace

PACS Archive

3D lab

Office

Web access

Home

PACS WS in reading room

MR-clinical applications

MR Cardiac is a consolidated environment, powered by automatic algorithms that minimizes the work required to create results. Guided and customizable workflows allow optimization of the reading, reducing time for diagnosis. Advanced Visualization Workspace provides a rich portfolio of clinical MR applications with an enhanced user experience and workflow.

• Improved reading experience
• Automated and guided workflows
• Users to define their own reading workflow
• Multimodality 2D & 3D viewing
• Comparison to priors
• Automatic initial contours in application
• Finding dashboard, all in one place
• Fast loading time
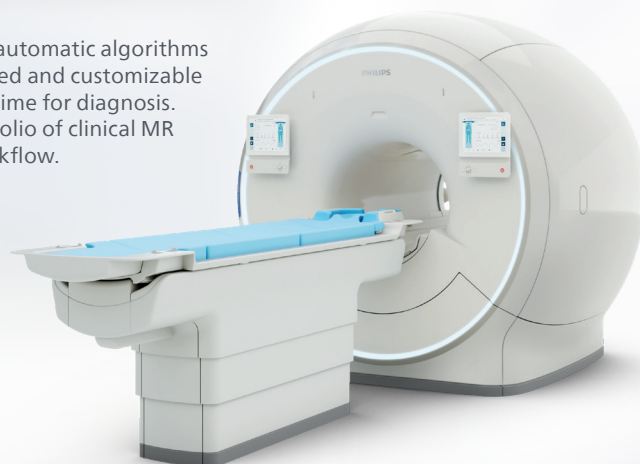
Advanced Visualization Workspace

Oncology applications

Supporting diagnosis of complex cases with robust tools
Cancer patients require constant vigilance. Advanced Visualization Workspace provides updated applications and tools to help you evaluate the stage and treatment response at multiple time points – and perform essential follow-ups. Advanced 3D and graphical tools help you visualize, present, and communicate clinical information for productive collaboration (e.g. CT Lung Nodule Assessment, CT Virtual Colonoscopy, CT Liver, MR Advanced Diffusion Analysis, Multi Modality Tumor Tracking, Multi Modality qEASL).

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 Advanced Visualization Workspace give you the insight you need quickly. This suite also assists you in organizing and presenting your data, in order to give you a broad view of your patient's imaging data along the continuum of care.

"The Advanced Visualization Workspace has **completely changed** how we approach advanced visualization and analysis."

Dr. Ilan Shelef, MD, Soroka Medical Center

Neurology applications

A single solution to support diagnostic confidence for neuro-imaging
With the aging 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 this growing and complex patient population?

The Advanced Visualization Workspace suite of neurology applications offers capabilities designed to increase diagnostic confidence in acute cases, as well as chronic neurological conditions (e.g. CT Brain Perfusion, MR Advanced Diffusion Analysis, MR Longitudinal Brain Analysis). New and enhanced applications across multiple modalities enrich your understanding of the patient conditions. Multiple built-in features support your diagnosis and help you achieve confident answers for this most complex organ.

Cardiovascular applications

Keeping the pace with the latest in cardiovascular enhancements,
Diagnose and monitor cardiovascular diseases with confidence, with Advanced Visualization Workspace comprehensive and updated suite of applications to examine and quantify vascular lesions and access latest methods in quantitative cardiac analysis (e.g. CT Calcium Scoring, CT Comprehensive Cardiac Analysis, CT TAVI Planning, MR Cardiac, MR QFlow, Multi Modality Advanced Vessel Analysis). From diagnosis to treatment planning and follow-up, the Advanced Visualization Workspace has the tools to help you obtain results, all from a single workspace to streamline end-to-end patient management.

" Cardiac MR and CT together [on Philips Advanced Visualization Workspace] have l**owered overall analysis time by 20%-30%***."

Dr. Gaby Weissman, MD MedStar Washington Hospital Center, Washington, D.C., USA

The simplicity of one

As a server-based, single license-managed solution, Advanced Visualization Workspace 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. Advanced Visualization Workspace quickly and easily adapts whenever more users and sites come online without interrupting your busy workflows.

Resource-based licensing for the Advanced Visualization Workspace 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 Advanced Visualization Workspace calculates data and server loads to route to the most suitable server available at that time.
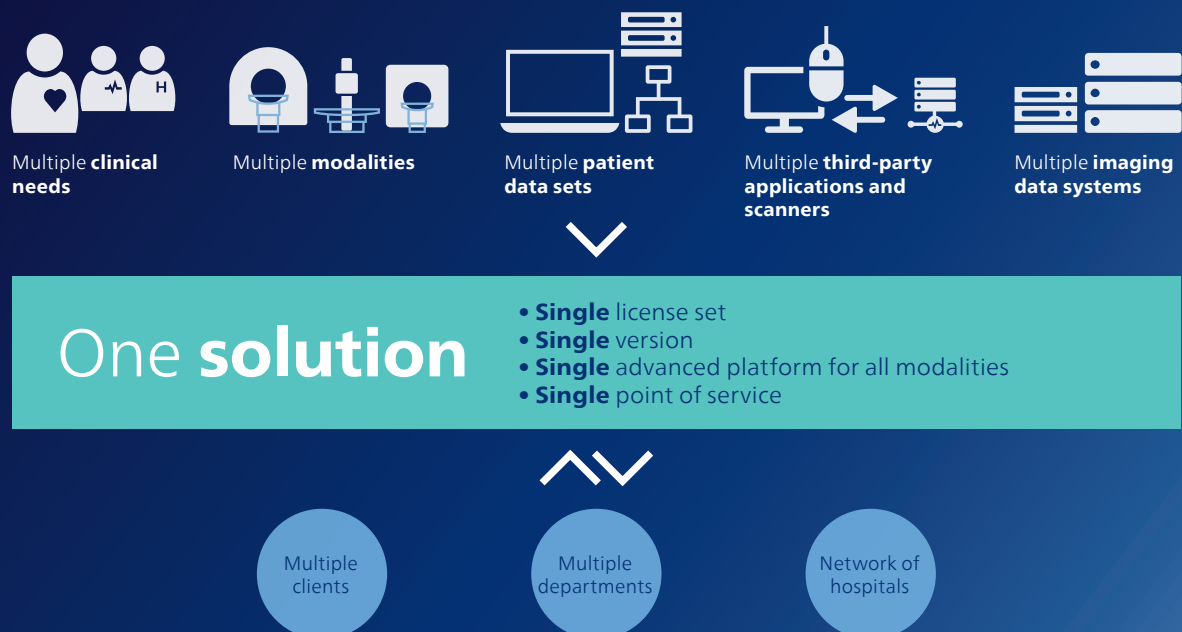
Leverage virtualization
Increase flexibility by using your existing hardware as often as possible with enhanced ability to use smaller configurations when necessary. Advanced Visualization Workspace offers a software-only model deployed in your IT infrastructure. Advanced Visualization Workspace is Citrix®-ready, 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
Advanced Visualization Workspace 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 Advanced Visualization Workspace can even launch the patient context from the EMR.

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

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

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

Advanced Visualization Workspace includes a comprehensive set of
service and monitoring tools to assure your system is performing at all times.
They help you address problems and support integration and deployment -
and are included as part of our service offerings.*

**Peak performance – one solution for today
and tomorrow**
Service Agreements allow your Advanced Visualization
Workspace to perform at its peak. You'll automatically
receive all software and required hardware upgrades
and updates to your base system software and clinical
applications you have already purchased.

Comprehensive Philips Service Agreements give you access
to a steady stream of innovation enabling 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.

Optimize your preprocessing automatically
All too often, workflows are slowed down due to ill-
defined settings and configurations. Machine learning
algorithms on Advanced Visualization Workspace
have been designed to learn physician preprocessing
patterns and adjust the configuration automatically,
fine tuning your system with each new case opened.

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

Advanced Visualization Workspace system **and workflow enhancements**

Advanced Visualization Workspace offers comprehensive and intelligent tools that helps users work efficiently. For example, the system features a 'graceful exit' to prevent unsaved results being lost. It also delivers 'resume on crash' functionality which restores applications automatically if they should crash during use.

The Advanced Visualization Workspace has been named Category Leader in the Advanced Visualization category in the Best in KLAS: Software & Services report for several times. The KLAS report names the top performing healthcare IT software suppliers in global markets as reported by healthcare providers. The Category Leader designation is reserved for vendor solutions that lead select market segments in which at least two products meet a minimum level of KLAS confidence. The KLAS award recognizes Philips' ongoing commitment to helping drive improved treatment and outcomes, support appropriate imaging and treatment, simplify data and insight gathering, and reduce costs.

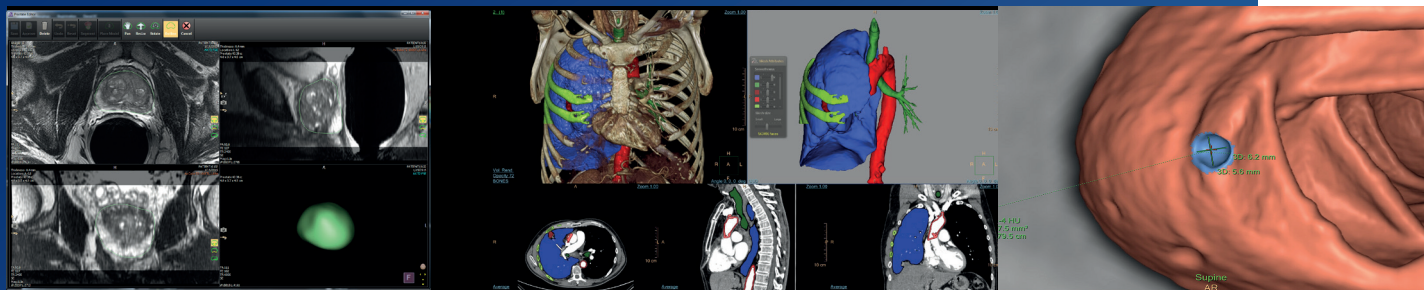Multiple clinical domains, **one standard for diagnosis...**

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
for intelligent, connected and secure working.

Philips Advanced Visualization Workspace

Contact your local Philips representative to learn how this innovative platform can help.

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How to reach us
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