

PHILIPS

Ultrasound

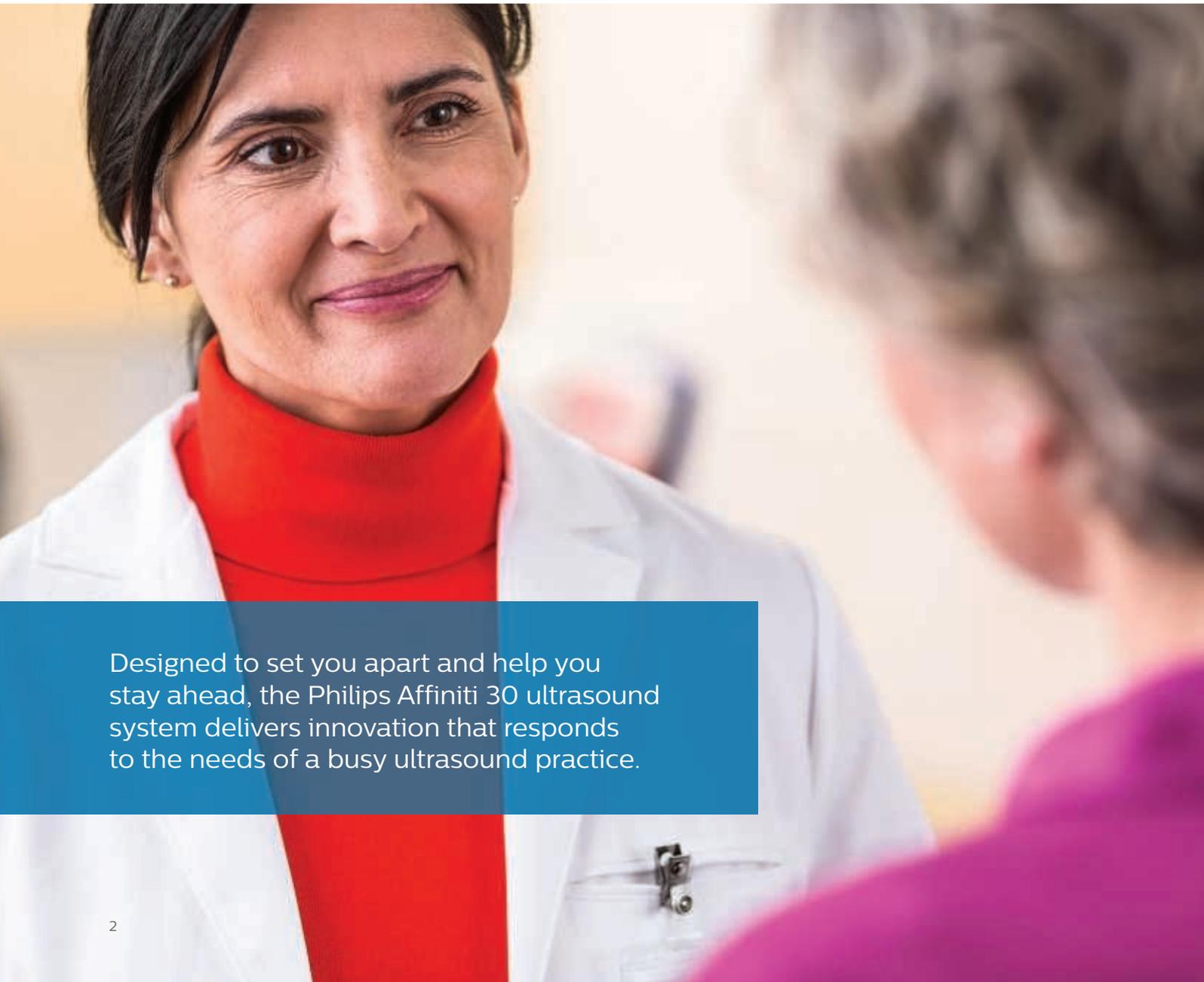
Affiniti 30

**It understands
your everyday**

Philips Affiniti 30 ultrasound system

Designed for **balance**

You need to go above and beyond for your patients in less time, with fewer resources, and a high patient volume.

A woman with dark hair, wearing a white lab coat over a red turtleneck, is smiling and looking towards a patient whose back is to the camera. The patient has short, curly grey hair and is wearing a purple top. The background is a soft-focus clinical setting.

Designed to set you apart and help you stay ahead, the Philips Affiniti 30 ultrasound system delivers innovation that responds to the needs of a busy ultrasound practice.



To balance these many demands, you need diagnostic information quickly – but not at the expense of accuracy. You need advanced functionality – but not at the expense of ease of use. You need a system that is ergonomic – but built to last for the daily rigors of high patient volume.

Philips Affiniti 30 ultrasound system helps you achieve this balance.

Engineered for efficiency and reliability and powered by Philips superb performance, it gets you the diagnostic images you need, quickly. Its intuitive design and walk-up usability help you provide elegant, efficient care – every day.

The Affiniti 30 ultrasound system was designed to work hard, without high costs. Total cost of ownership is kept low through energy-efficient technology, extensive reliability testing that enhances uptime, and a modular design that enables rapid repair, if needed.



Workflow meets **WOW**

With the Philips Affiniti 30, workflow meets wow. The system addresses the everyday need to scan quickly and deliver results efficiently, while incorporating those innovations that make Philips ultrasound the choice of those who demand quality images and proven clinical applications.

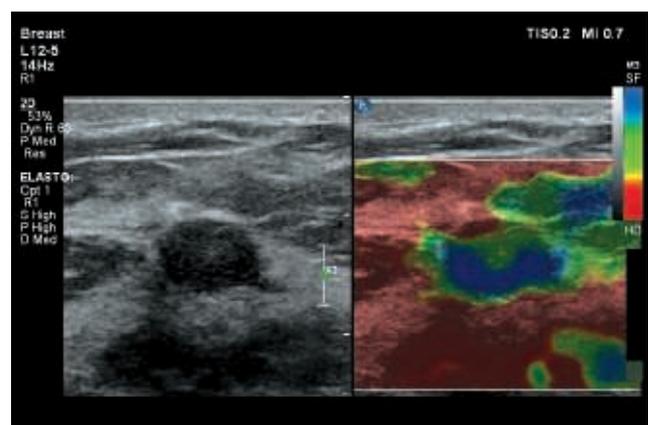


The combination of precision beamforming, Tissue Specific Presets (TSP) and other efficiency and automation tools deliver both performance and workflow advances for confident throughput.

Affiniti 30 precision beamforming features a wide dynamic range to deliver superb spatial and contrast resolution, outstanding tissue uniformity, fewer artifacts, and reduced image clutter.

Tissue Specific Presets (TSP) automatically adjust over 7500 parameters to optimize the transducer for the specific exam type, producing excellent image quality with little or no need for image adjustment.

Affiniti 30 provides superb image details and incorporates Philips innovative solutions including strain elastography and 3D/4D imaging.



Breast strain elastography



Expand the realm of possibilities in pediatric imaging.

Quality pediatric imaging

When scanning active children it can be a tremendous challenge to obtain the high-quality ultrasound images necessary to render a quick and confident diagnosis. Affiniti 30 provides dedicated pediatric transducers (C8-5 and S8-3), which, along with AutoSCAN, offer consistent and uniform B-mode imaging with great spatial and contrast resolution at frame rates ideally suited for real-time examination of neonates to adolescents.

Q-App quantification applications

Affiniti 30 offers a variety of sophisticated Q-Apps to quantify ultrasound image information, including Intima Media Thickness (IMT) for general imaging and cardiology, and General Imaging 3D Quantification (QLAB GI 3DQ).

Strain elastography to enhance diagnostic confidence

Elastography is used to assess relative tissue stiffness and adds more information about the extent and margins



A full array of transducers offers you excellent image quality on a variety of exam types.

of suspicious lesions. Elastography on Affiniti 30 for small parts, breast, and gynecology ultrasound exams provides highly sensitive and specific information that can be used to visualize, record, and report on tissue stiffness parameters. No additional compression required means increased exam consistency and reproducibility.

Automation tools save time

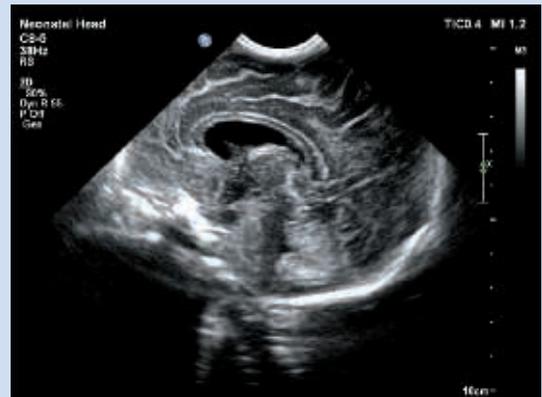
Philips Affiniti 30 system is equipped with automation features that reduce repetitive button pushes and steps, leading to enhanced workflow. These include:

- **Real-time iSCAN (AutoSCAN):** Continuous, real-time adjustment of system gain and TGC to achieve balanced brightness of tissues.
- **SmartExam guided workflow:** Increases consistency, reduces keystrokes, and decreases exam time by 30%-50% by automatically planning and processing application protocols.

Affiniti fits your busy practice

Affiniti 30 offers a wide range of clinical applications, ideal for a broad range of patients and exams.

- Abdominal
- Obstetrical
- Fetal echo
- Cerebrovascular
- Vascular (peripheral, cerebrovascular, temporal TCD, and abdominal)
- Abdominal vascular
- Gynecological and fertility
- Small parts and superficial
- Musculoskeletal
- Pediatric general imaging
- Prostate
- Echocardiography (adult, pediatric, fetal)
- Stress echocardiography
- Interventional imaging
- Bowel imaging
- Strain elastography



Sagittal view of one day neonatal brain

Performance you can see



Liver



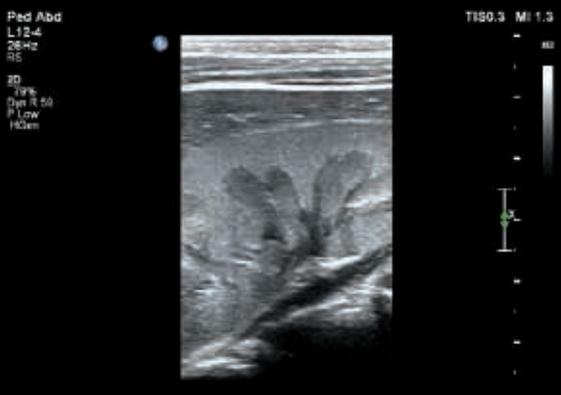
Fetal doppler



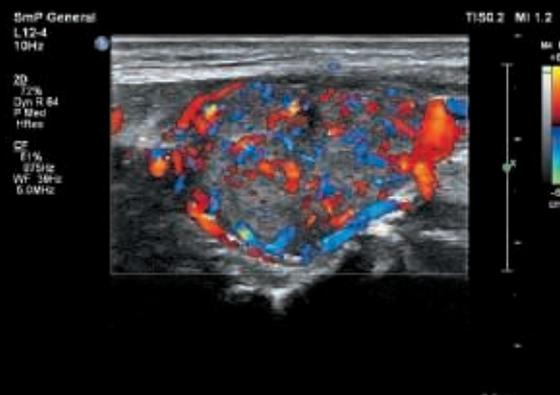
Renal vasculature



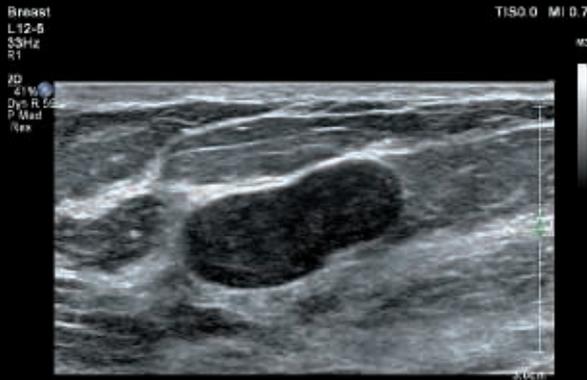
Liver cyst



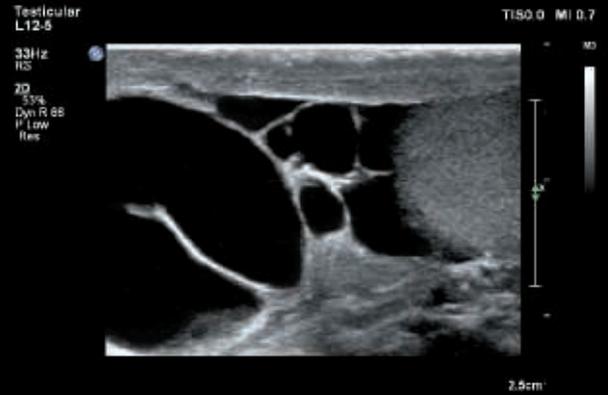
Pediatric kidney



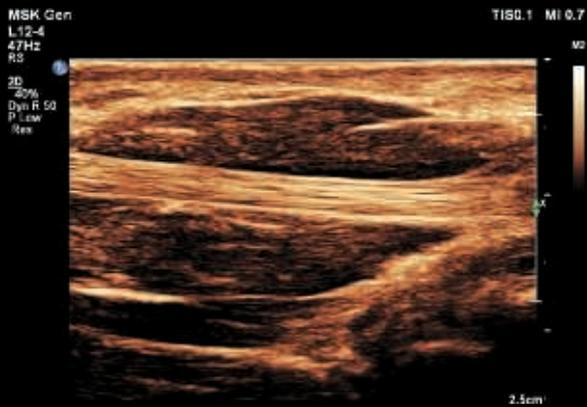
Thyroid color doppler



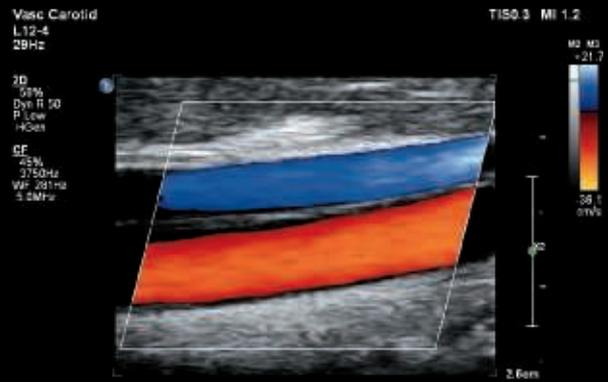
Breast fibroadenoma



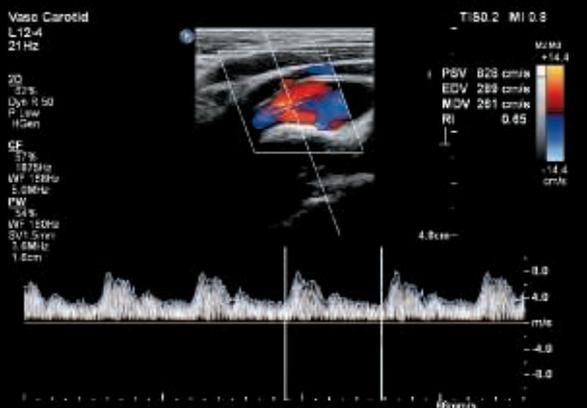
Testis



Thenar tendon



Common carotid A and jugular vein



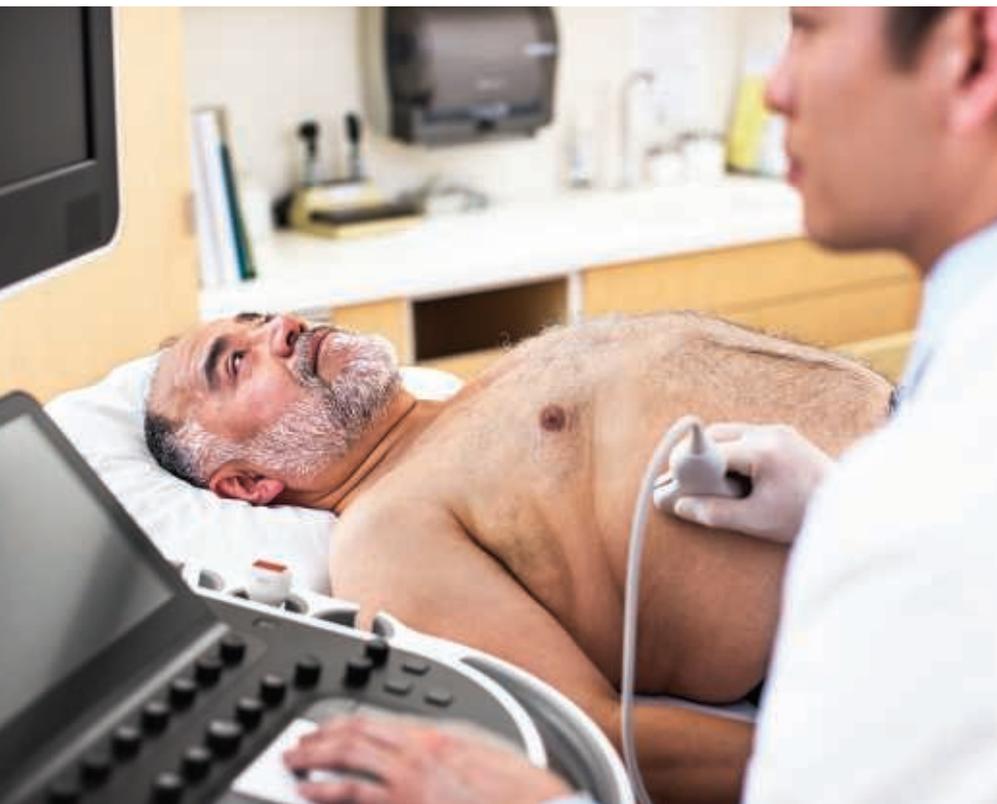
Carotid bifurcation



Apical four chamber

Comfort meets **competence**

Philips leverages the experiences of its customers to design the Affiniti 30 to address the challenges of daily scanning. We understand the reality of tight spaces, high patient volume, technically difficult patients, and time constraints, and we've designed the system with thoughtful details to help lighten your workload. With Philips Affiniti 30, comfort meets competence in a system that is easy to learn and use.



You won't notice it's there unless it's gone, but users have reported that easy clip, our innovative cable management solution, keeps cables tangle-free and reduces damage while decreasing cable strain to enhance comfort while scanning.

Designed around your everyday workflow, Affiniti 30 offers walk-up usability, ergonomics, and mobility.

Affiniti 30 consumes nearly

40%
less power

than its predecessor.*
It consumes less energy than a toaster and generates less heat, which can help you save on energy and cooling costs.



* HD15



User-centric design and library-quiet operation enhance the scanning experience.

Walk-up usability

The intuitive, intelligently designed user interface and system architecture have been validated by studies that show that users with ultrasound experience require minimal training on system use to be able to complete an exam.¹

Reduced reach and button pushes

To enhance exam efficiency, Affiniti 30 places relevant, easy-to-learn controls right at your fingertips, streamlining workflow. Affiniti 30 is designed to make a full day of scanning comfortable. Because 80% of ultrasound clinicians experience work-related pain, and more than 20% suffer a career-ending injury,² we've designed our intuitive, tablet-like touchscreen interface to reduce reach and button pushes.

The touchscreen is one of the largest in its class, so users can easily make selections and control scanning while focusing on their patients.

The control panel and generously sized 54.6 cm (21.5 in) monitor add to the system's ergonomics, enhancing scanning comfort whether standing or sitting. At just 83.5 kg (184 lb), Affiniti 30 is one of the lightest in its class and is 16% lighter than its predecessor.* With a small footprint, the system can be easily moved, and fits into small spaces.

Results are easy to share

When an exam is finished, a full suite of DICOM capabilities make it easy to share information. Structured reporting facilitates patient workflow and information by giving you the ability to transfer measurements, images, and reports over network share, and wireless capability plus easy connection to printers helps you document exams.



With image replication and TGCs on its tablet touchscreen, Affiniti 30 was designed to reduce reach and button pushes.



Easy to maneuver, the system fits into small spaces with ease.

¹ 2014 internal workflow study comparing Affiniti to HD15.

² Society of Diagnostic Medical Sonography, Industry Standards for the Prevention of Musculoskeletal Disorders in Sonography, May 2003.

* HD15

A **smart** investment

Built to withstand the rigors of daily use, the Affiniti 30 offers low operating costs and is backed by the support and services of Philips. The Philips ultrasound total value proposition provides the value you seek with solutions to help you lower cost, increase uptime, and deliver better patient care well into your future, making the Affiniti 30 a smart investment.

Always there, always on

The value of a Philips ultrasound system extends far beyond technology. With every Affiniti 30 system, you get access to our award-winning service organization, competitive financing, and educational tools that help you get the most out of your system. We work as one with your team to keep your Affiniti 30 system running smoothly.

- Award-winning service organization with decades of excellence*
- Modular design for enhanced reliability and rapid repair
- Intelligent software architecture is easily optimized, maintained, and restored while patient data is kept safe and secure
- Philips remote services** can anticipate issues to prevent them from occurring, accelerate resolution, and increase system availability

Business optimization tools such as OmniSphere allow you to use the power of data and connectivity to generate actionable insights and enhance productivity to improve your return on investment.

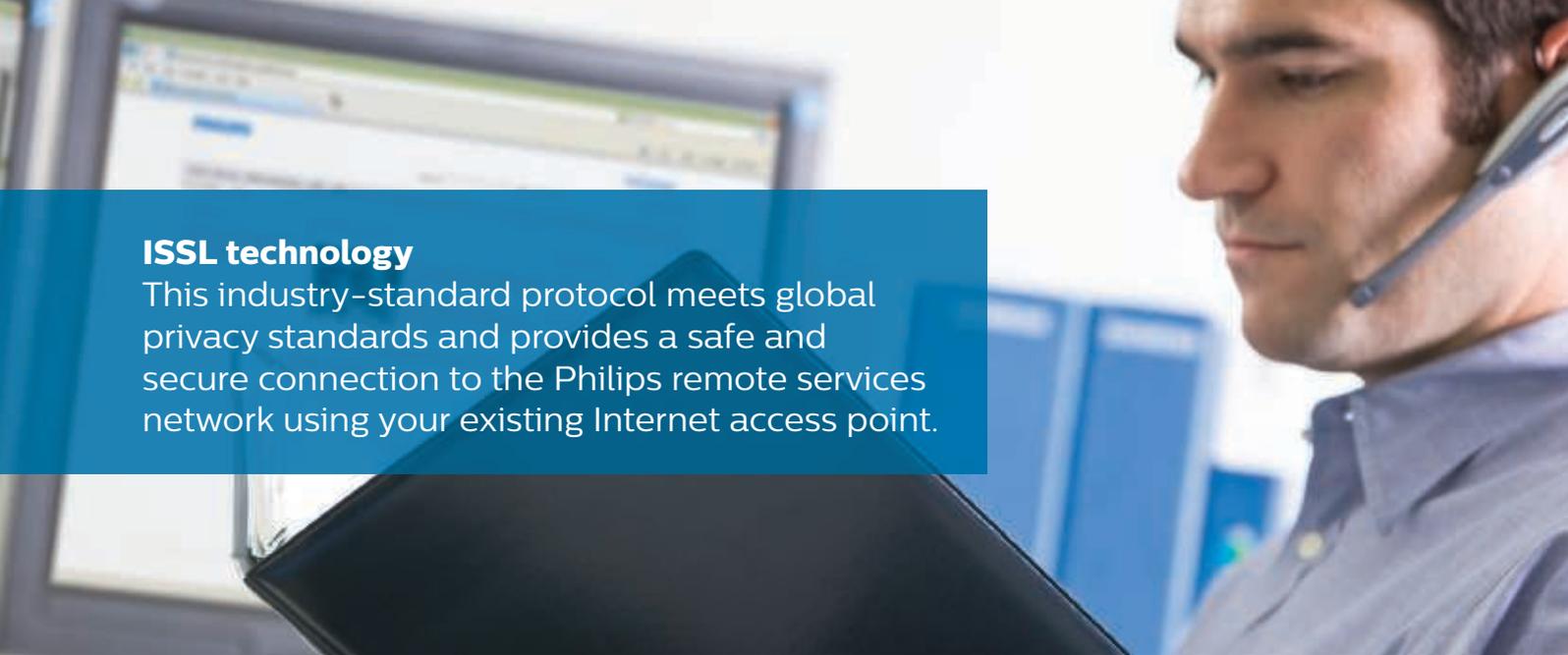


Service Request button for immediate access to Philips support.

Exceptional serviceability

The system features a superb modular design for rapid repair.

* Philips is rated number one in overall service performance for ultrasound for 23 consecutive years in the annual IMV ServiceTrak survey in the U.S.
** Not all services available in all geographies; contact your Philips representative for more information. May require service contract.



ISSL technology

This industry-standard protocol meets global privacy standards and provides a safe and secure connection to the Philips remote services network using your existing Internet access point.

Count on us as your patients count on you

Partner with us to maximize utilization and uptime of your Affiniti 30 system.

Remote service capabilities maximize efficiency

Easy, rapid technical and clinical support through the remote desktop service that allows for a virtual visit with a Philips expert.*

If you prefer to keep your know-how in-house, the OmniSphere Remote Technical Connect capability allows your BioMed team remote access to Philips systems on your network so that you can have remote service capabilities your way.

Proactive monitoring solutions maximize uptime

Philips proactive monitoring increases system availability by predicting potential system disruptions and proactively acting on them, letting you focus on what is most important – your patients.

Immediate support request at your fingertips

Enter a request directly from the control panel for fast and convenient communication with Philips experts without leaving your patient, minimizing interruptions to workflow.

On-cart transducer test provides confidence in your transducer quality

The on-cart transducer test provides a non-phantom method to test Affiniti 30 transducers at any time, giving you confidence in your diagnostic information.

Utilization reports for confident decision-making

Data intelligence tools can help you make informed decisions to improve workflow, deliver quality patient care, and decrease total cost of ownership. The on-board utilization tool provides individual transducer usage data and the ability to sort by exam type. The OmniSphere Utilization Optimizer takes this a step further by providing easy-to-use charts and graphs for all of your applicable** networked Philips systems.

Understanding your needs, designed for you

Our flexible RightFit service agreements, education offerings, and innovative financing solutions can be adapted to meet your needs and strategic priorities.

- **Technology Maximizer Program:** Helps keep your system performing at its peak by continuously providing the latest software from Philips at a fraction of the cost of the same upgrades purchased individually over time.
- **Xtend Coverage:** Lets you choose additional service coverage for your ultrasound equipment at the time of purchase to more easily calculate your total cost of ownership.
- **Clinical education solutions:** Comprehensive, clinically relevant courses, programs, and learning paths designed to help you improve operational efficiency and enhance patient care.

* Not all services available in all geographies; contact your Philips representative for more information. May require service contract.

** Check with your Philips representative for system compatibility.

