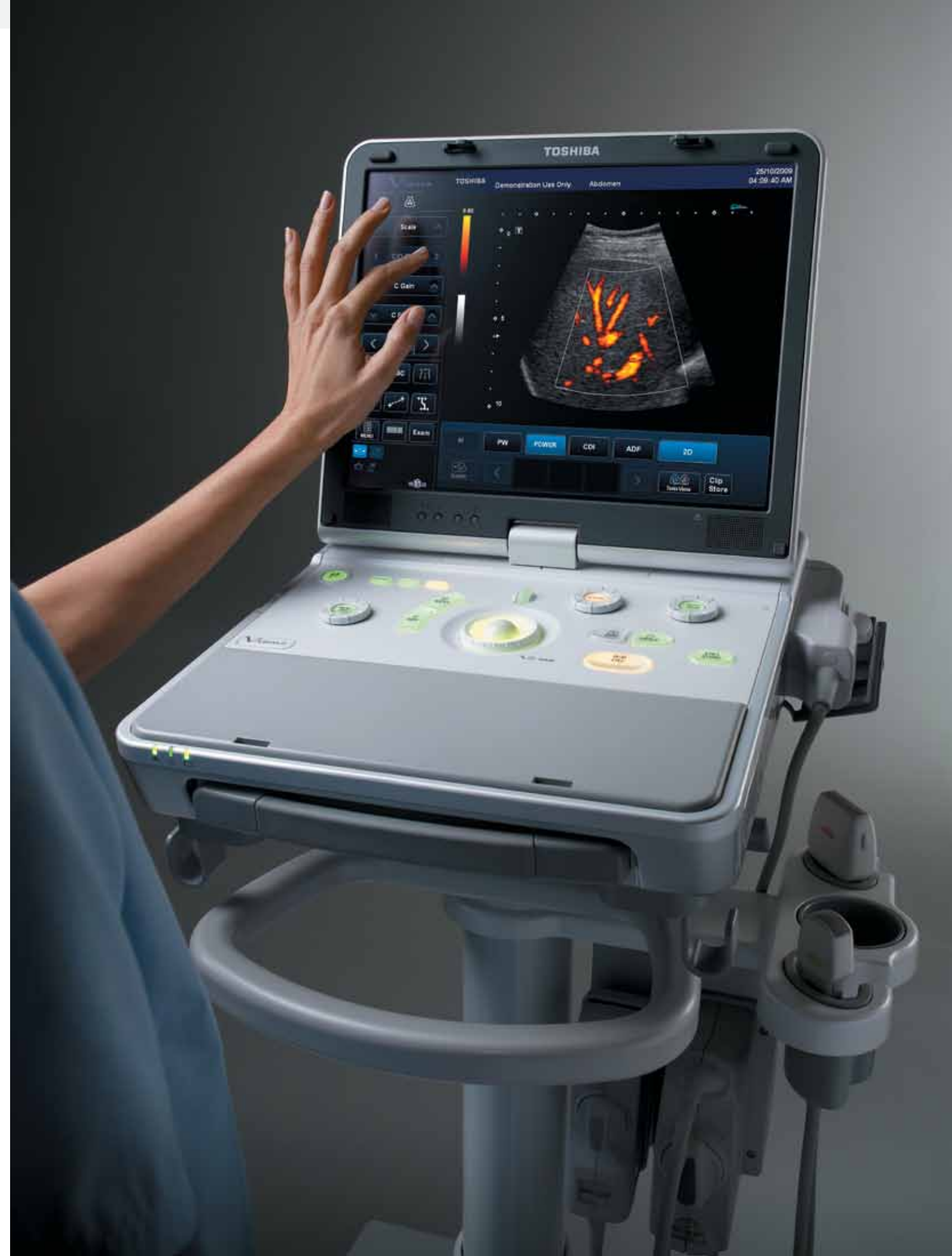




*Viamo*<sup>™</sup>

# Premium performance goes portable.

Image quality is always critical in ultrasound, regardless of the exam conditions, from bedside to an operating room and everything in between. We worked with our customers to ensure that Viamo gives you easy portability and premium imaging tools that maximize your performance in any clinical situation. Our history of innovation in laptop computers influenced the design of a unique touchscreen interface that makes your work in any mode more efficient. Viamo is true performance to go.



# Flexibility to move between departments.

Viamo can be a great performer in a variety of roles around your institution. Its small form makes it easy to maneuver, while its powerful imaging makes it a valuable tool in any environment.



In crowded areas like the OR, Viamo's small footprint and premium imaging capability can be the perfect tool.

## READY TO MOVE

- Lightweight and durable
- Mount to cart stand, wall, boom arm or carry it wherever you need
- Mere seconds from stand-by to scanning

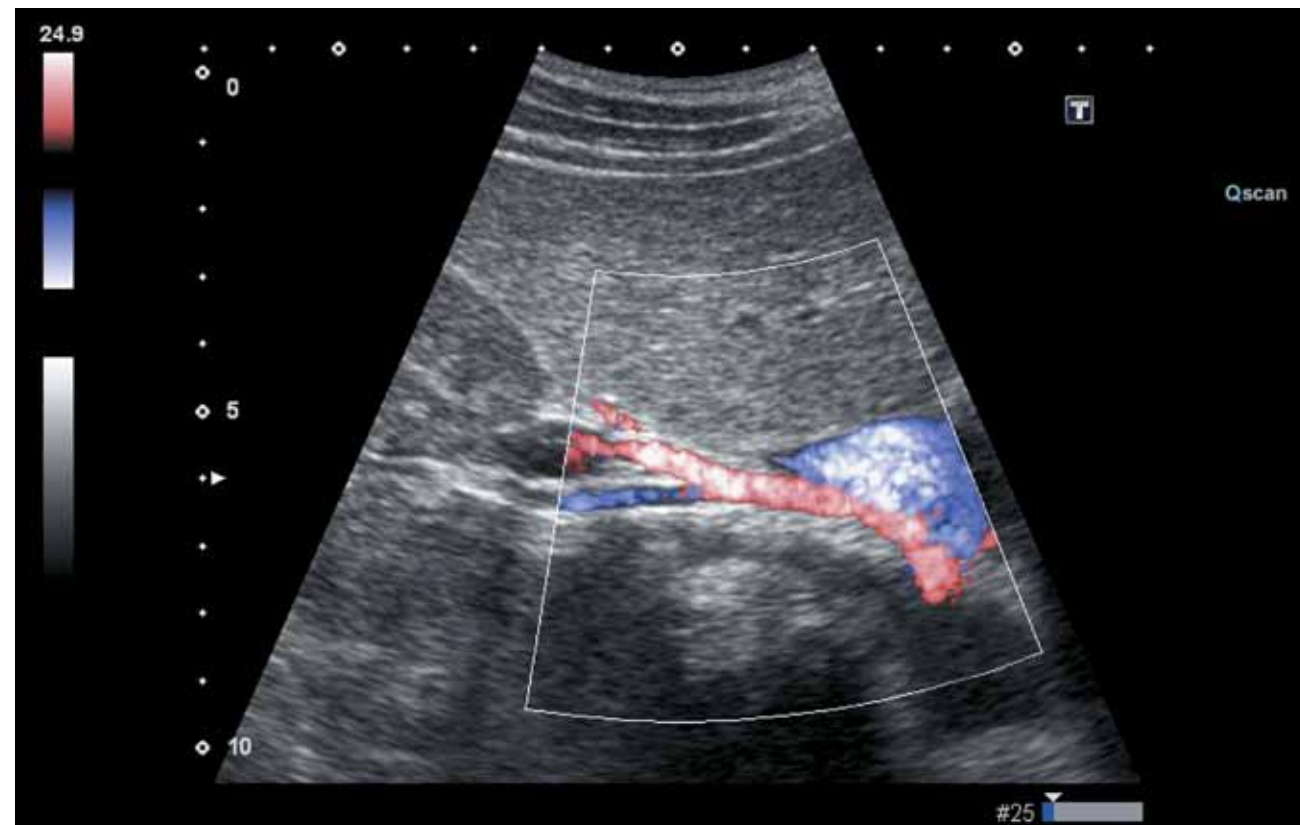


“ The Viamo is ideal for routine, everyday use. It has all of the advanced imaging technologies, like Advanced Dynamic Flow, that we need in an easy-to-maneuver, portable system that helps increase productivity in a busy clinical setting. ”

DEPARTMENT	SPECIFIC NEEDS	Viamo
Radiology	General imaging for any body area	<ul style="list-style-type: none"> <li>• Premium applications</li> <li>• Interchangeable transducers</li> </ul>
Emergency Department	Preliminary diagnosis	<ul style="list-style-type: none"> <li>• Rapid boot times</li> <li>• Tablet mode</li> </ul>
Interventional Radiology	Small footprint for crowded rooms	<ul style="list-style-type: none"> <li>• Slim cart</li> <li>• Premium applications</li> </ul>
OB-GYN	Labor and delivery, stationary OB	<ul style="list-style-type: none"> <li>• Comprehensive OB/GYN packages</li> </ul>
OR	Small footprint for crowded rooms	<ul style="list-style-type: none"> <li>• Dedicated surgical transducer</li> <li>• Sterile operation</li> </ul>

# Advanced imaging technologies set this portable apart.

Viamo is equipped to provide you with proven advanced imaging technologies from our larger systems. These technologies will give you consistent image quality with less manipulation for greater diagnostic confidence.



## ADVANCED DYNAMIC FLOW (ADF)

Advanced Dynamic Flow™ is Toshiba's exclusive technology for high resolution color flow imaging.

- Superior spatial resolution at high frames rates
- Accurately displays directional flow even in tiny vessels



## APLIPURE

A new generation of compounding imaging technology, ApliPure™ provides ultrasound images of unsurpassed uniformity.

- Reduces speckle noise
- Increases contrast resolution



## PULSE SUBTRACTION™

This technology provides superior image quality in 2D applications for routine examinations and when imaging difficult-to-scan patients.

- Enhances spatial and contrast resolution
- Increases penetration when imaging bariatric patients or fatty livers



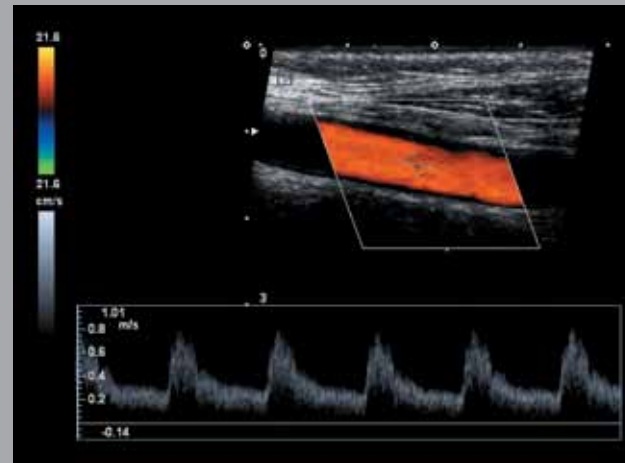
## QUICK SCAN

With the push of a button, Quick Scan:

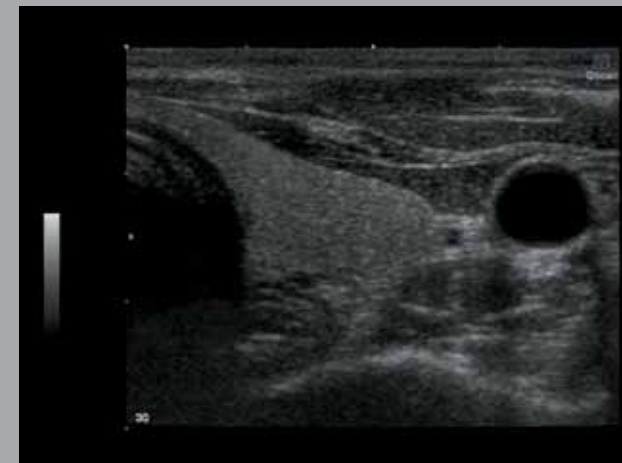
- Automatically optimizes 2D gain level and spectral Doppler with acoustic precision
- Suppresses white noise in echo-weak regions



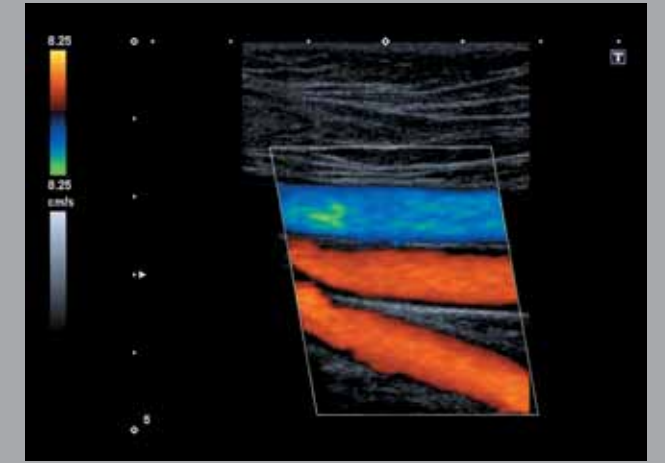
Hepatic veins



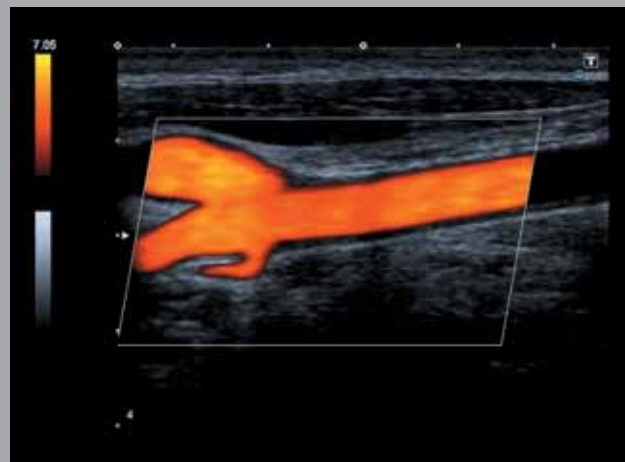
Pulse Wave Doppler of common carotid artery



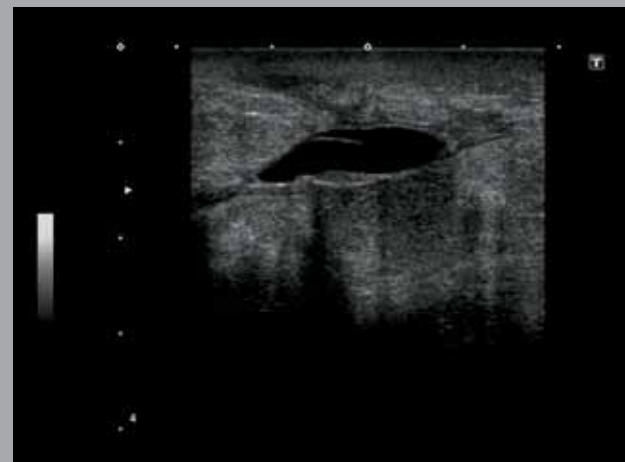
Normal thyroid and parathyroid



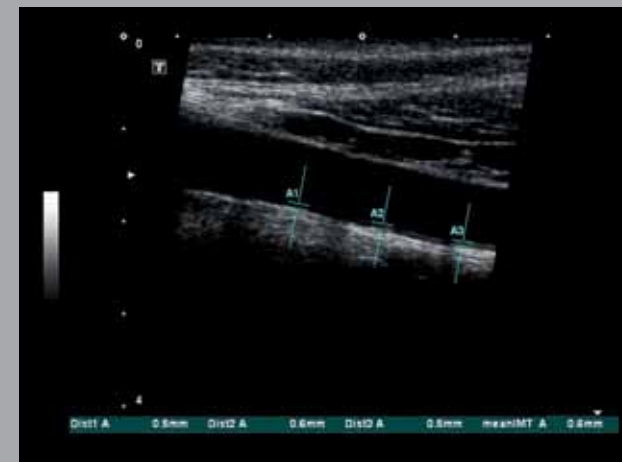
Femoral vein and artery with Profund femoris artery



Power angio carotid



Breast cyst



Intimal media thickness of carotid



Molar pregnancy

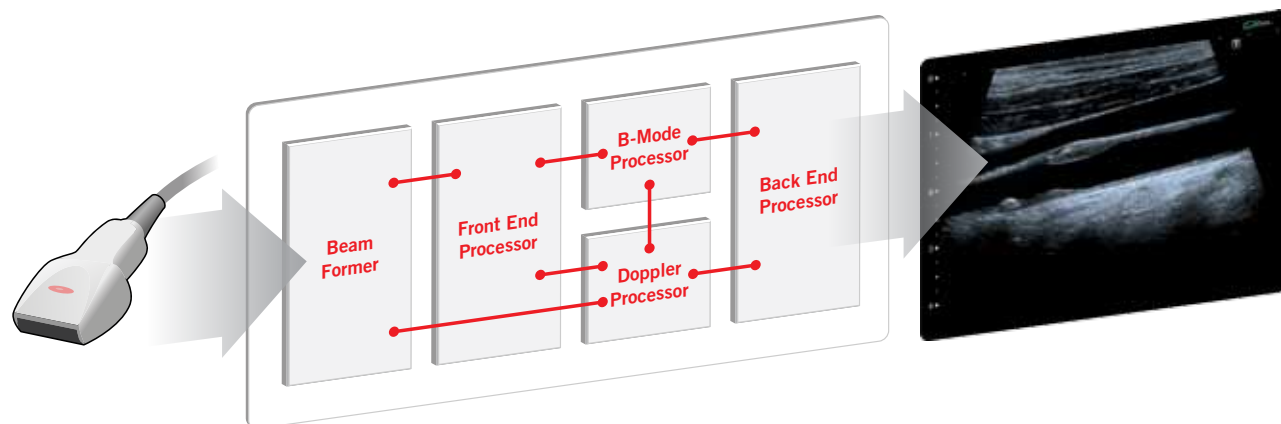
# Intelligent components give you more viewing options.

Each of our unique imaging technologies provides you better image quality by reducing noise, strengthening signal and improving visualization. Thanks to our deep history in electronic components, we've created a next generation Intelligent Component Architecture (ICA) which gives you the option to run multiple technologies simultaneously without any drop in system performance.

## NEXT GENERATION INTELLIGENT COMPONENT ARCHITECTURE

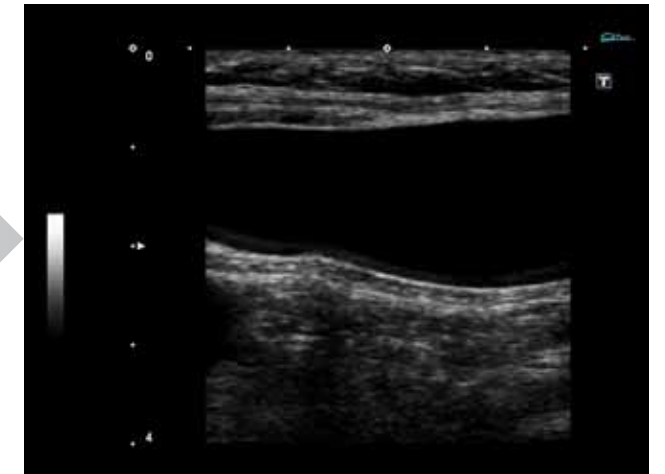
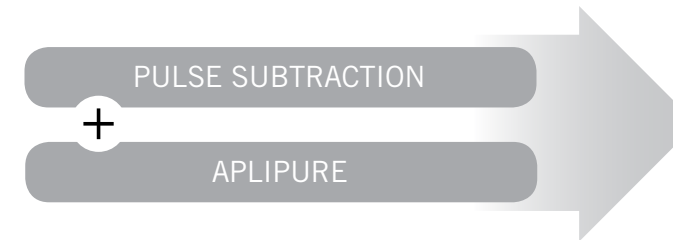
The components on Viamo can operate autonomously, independent of the host CPU. This enables the system to perform highly complex data operations in real-time resulting in unparalleled image quality.

By allowing advanced imaging technologies to be used in combination, ICA improves system response time and is an ideal platform across departments. Components can also be easily upgraded with software.

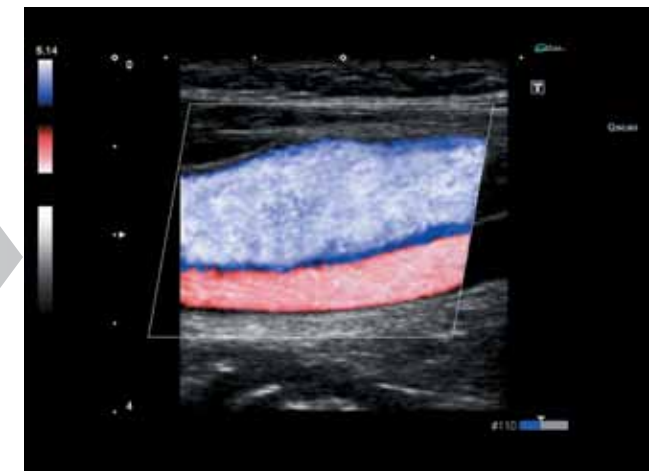
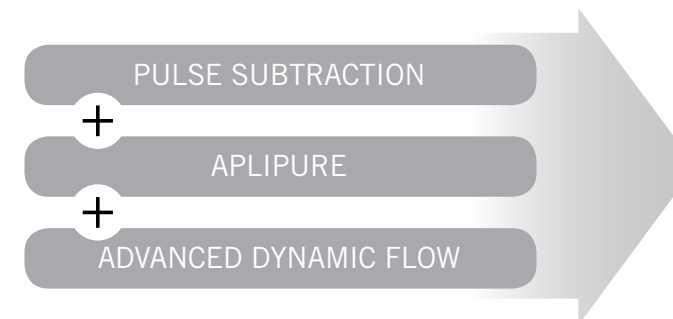


## MULTIPLE TECHNOLOGIES WITHOUT SACRIFICE

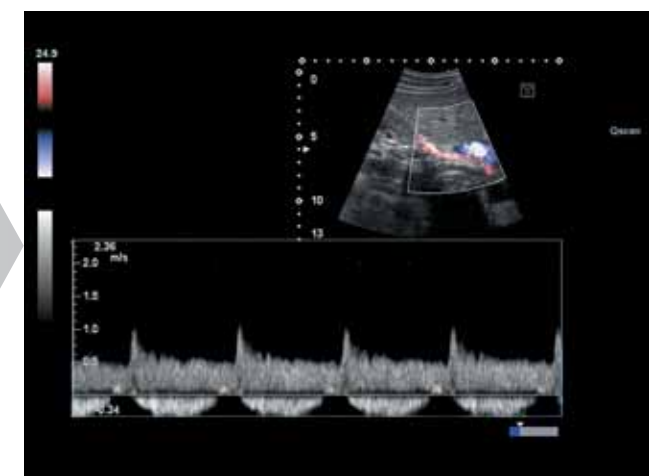
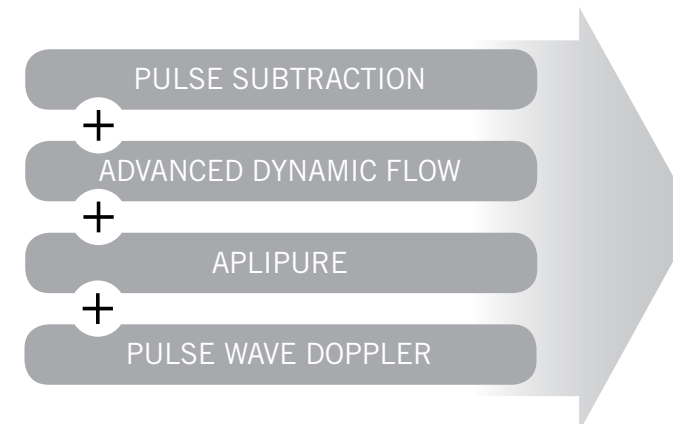
As these images demonstrate, sonographers have the ability to activate a single technology or multiple technologies simultaneously, without any loss in system performance.



Internal jugular vein



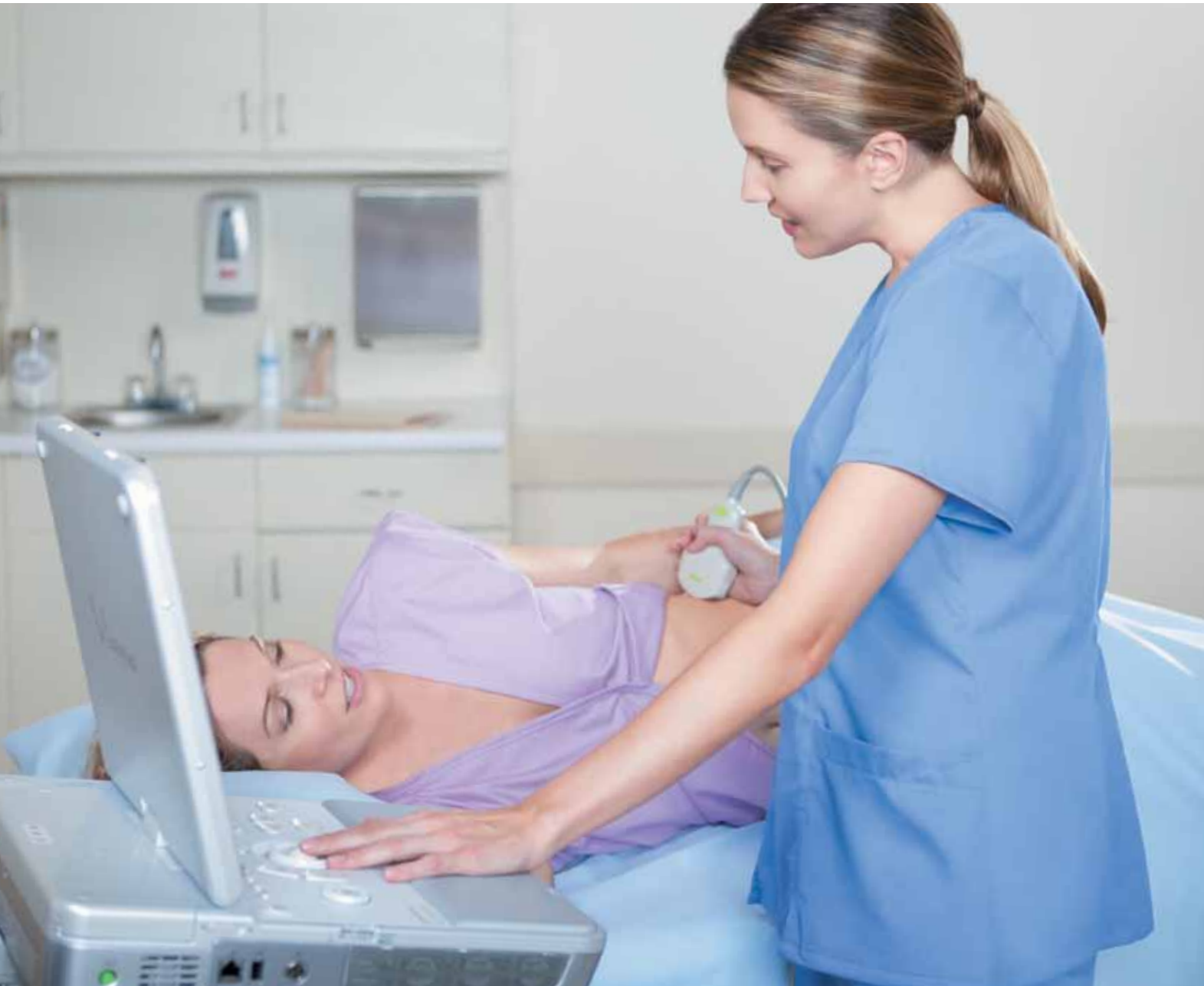
Jugular vein and carotid artery



Renal artery

# A more comfortable exam for you and your patient.

Even in difficult scanning positions or when working in tight quarters, Viamo's ergonomic features allow you to acquire the studies you need with more comfort and ease. With greater demands on sonographers than ever before, these features provide the benefits of efficiency and workflow to meet the needs of today's busy clinical settings.



**LIGHTWEIGHT AND INTERCHANGEABLE**  
Most transducers are interchangeable across our systems, providing additional cost efficiencies.



**ONE-TOUCH FUNCTIONS**  
Quick Scan gives you the ability to optimize both 2D and Doppler images.



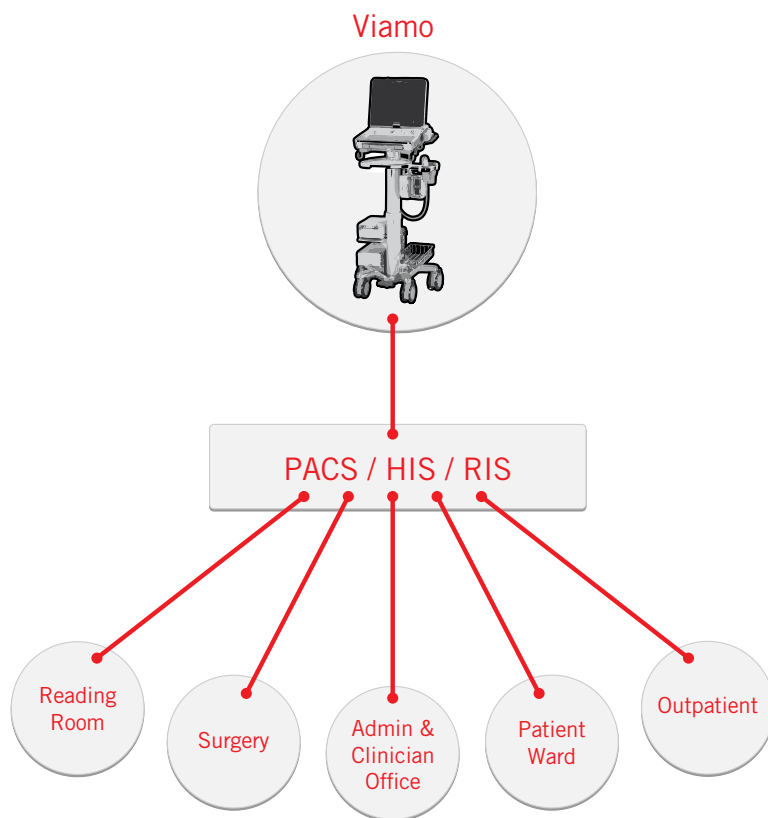
**CUSTOMIZABLE TOUCHSCREEN**  
With the ability to customize the touchscreen and hard keys, you can meet your clinical needs and personal preferences.



**VARIABLE CART HEIGHT**  
Whether sitting or standing, the adjustable cart height provides flexibility and comfort for the clinician.

# Engineered to be compatible. Supported to be reliable.

Viamo is designed to embrace open network standards to facilitate easy integration in the widest variety of network environments. All Toshiba ultrasound systems comply with DICOM standards to assure optimum communications between network systems. Additionally, to keep it working well over time, we offer a range of support services our customers have consistently rated best in the industry.



## HOSPITAL NETWORK INTEGRATION

Toshiba has voluntarily implemented the communications of its medical imaging systems with Integrating the Healthcare Enterprise (IHE). This allows the user to boost clinical efficiency with universal IHE connectivity for simple access and distribution of data across any size hospital or physician network.

The Viamo provides complete DICOM compatibility and offers all major DICOM Service Classes standard with every system.

## INDUSTRY RECOGNITION AND CUSTOMER SATISFACTION

Toshiba delivers systems that help you provide superior care for patients. In survey after survey, our customers have ranked us as industry leaders in customer satisfaction.

We're honored to be recognized in the market by groups such as KLAS for three consecutive years,\* MD Buyline, and Frost & Sullivan for innovation, service, education and product reliability.

**md buyline**



2009 Top 20 Best In KLAS Awards: Medical Equipment  
**Ranked #1: Xario™ Ultrasound, Aquilion® CT-64  
Slice +, Vantage™ MRI 1.5T.**  
www.KLASresearch.com ©2009 KLAS Enterprises, LLC. All rights reserved.

## APPLICATIONS SUPPORT AND TRAINING



Making sure your systems deliver from day one is an important part of our relationship. Whether you need onsite or offsite training, we can provide options that work best for you. Experienced clinical application specialists will help you and your team maximize the potential your new ultrasound system has to offer.

Toshiba's global facilities provide training for clinicians that meets guidelines for clinical competence.

For more information, please visit [www.toshibalearningcenter.com](http://www.toshibalearningcenter.com)

\* Top 20 Best in KLAS Awards: Medical Equipment, Ranked #1:  
2007 - UL: Xario, CT: Aquilion 64, MR: Vantage  
2008 - UL: Xario, CT 64+: Aquilion 64, MR 1.5: Vantage  
2009 - UL: Xario, CT 64+: Aquilion 64, MR 1.5: Vantage



## LEADING INNOVATION

For more than 130 years, Toshiba has been a world leader in developing technology to improve the quality of life. Some 50,000 global patents demonstrate that rich history of leading innovation. It might surprise you to learn about some of the things we've invented.

<b>1875</b> Founding of Toshiba	<b>1989</b> First helical CT scanner	<b>2000</b> First all-digital multipurpose X-ray
<b>1915</b> First X-ray tube	<b>1990</b> First tissue Doppler imaging system	<b>2003</b> First 64-slice CT scanner
<b>1973</b> First real-time ultrasound scanner	<b>1993</b> First one-million-pixel CCD	<b>2005</b> First compact dual plane cath lab
<b>1978</b> First cardiac ultrasound scanner	<b>1997</b> First open, superconducting magnet	<b>2007</b> First dynamic volume CT scanner
<b>1985</b> First color Doppler ultrasound system	<b>1997</b> First flash echo imaging	<b>2007</b> First 3D wall motion tracking

## AWARD-WINNING SERVICE AND SUPPORT

Developed with customer input, Toshiba's innovative support programs have resulted in greater satisfaction when using our Viamo as reflected in customer surveys time after time.

### InTouch Center™

A centralized service facility that provides applications and service support expertise for Viamo customers 24 hours a day, seven days a week.

### InTouch Agreements

Tailored to meet specific customer requirements, these range from an a la carte approach that helps manage risk to full security agreements that provide complete system protection.

### Technical Assistance

Customer support specialists are available 24/7 to identify and resolve technical issues in real time. Application specialists are also available to assist staff with protocol and image quality issues.

### Parts Support

A complete inventory of Viamo product parts is ready for shipment when and where they're needed, any time day or night.

### Local Customer Teams

A single call mobilizes a local team of Toshiba Customer Engineers. Averaging 10 years of experience with Toshiba and 105 hours of specialized training per year, they can quickly resolve almost any performance issue.



## TOSHIBA AMERICA MEDICAL SYSTEMS, INC.

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 Aquilion is a registered trademark of Toshiba America Medical Systems, Inc.  
 InTouch Center is a trademark of Toshiba America Information Systems, Inc.