

# LOGIQ 5

*TruScan Imaging Technology*



**GE Medical Systems**  
*Ultrasound*

[gemedical.com](http://gemedical.com)



## A new generation of ultrasound imaging.

### **New ultrasound technology designed just for you.**

GE Ultrasound has developed an entirely new ultrasound-imaging platform to address today's clinical environment. Introducing LOGIQ 5 from GE Medical Systems.

LOGIQ 5 leverages the technology used in GE's flagship LOGIQ products. You'll see improvements at every level – image quality, computational power, image management, workflow flexibility and product upgradeability. LOGIQ 5 leverages industry-leading advancements in ultrasound imaging for the entire patient exam – abdomen, OB/GYN, cardiology, small parts, vascular, urology and pediatric – to create the best investment for your future.

### **TruScan Architecture is the heart of LOGIQ 5.**

TruScan Architecture represents a fundamentally different way of acquiring and viewing ultrasound images. The software-intensive platform creates a flexible imaging environment that is also easy to upgrade. LOGIQ 5 features the same TruScan Architecture used in GE's leadership products – the LOGIQ 9 and LOGIQ 7. TruScan Architecture comprises three interrelated components:

- **TruAccess** is the new, GE-exclusive, raw-data processing technology that allows you to apply live scanning techniques to stored image data.
- **SmartScan** productivity tools help improve image acquisition and patient throughput. It also helps increase diagnostic confidence and exam consistency.
- **ComfortScan** imaging creates a dynamic, ergonomic environment to help improve ease of use, operator comfort and system maneuverability.

# LOGIQ 5

## Designed by ultrasound users for ultrasound users.

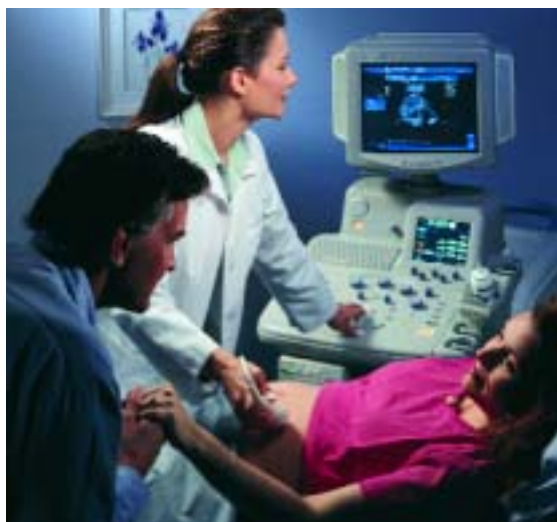
The LOGIQ 5 was designed by ultrasound users for ultrasound users. As a result, it features dramatic ergonomic improvements that help combat repetitive stress injuries. This improved work environment increases job satisfaction – which ultimately enhances the patient experience.

## Our breakthrough pledge.

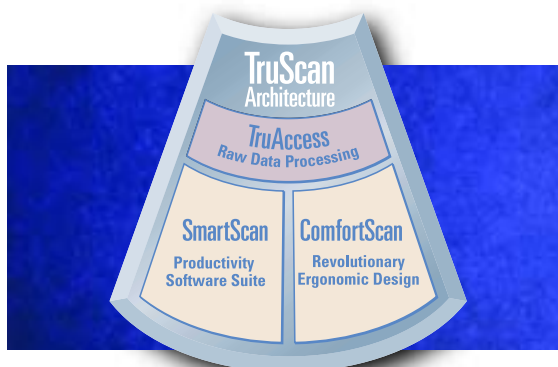
GE's ultrasound product development team is deployed around the globe to bring you technologic advancements you won't find from any other ultrasound company. Our global team of experts is one reason LOGIQ 5 is yet another example of GE's commitment to introducing breakthrough technology, year after year.

These breakthroughs:

- Are demonstrable in images
- Solve clinically relevant problems
- Have broad clinical applications



*TruScan brings together GE's exclusive technologies under one architecture.*



## Live scanning techniques to stored images.

With TruAccess raw data digital processing, you can now apply live scan techniques to image data long after your patient leaves your office. With an onscreen image clipboard and flexible display, formatting your workflow and DICOM information management is simple and fast. TruAccess stores your data in its original fidelity to help prevent the loss of data or a reduction in image quality.

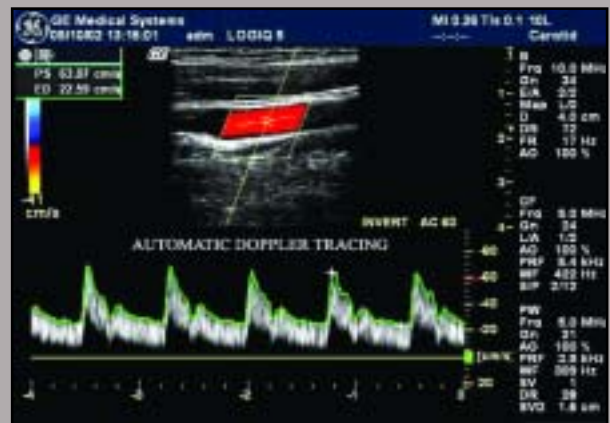
For example, if you forget to take an M-mode of the fetal heart with the patient in the office. No problem. Just recall a cine loop image of the fetal heart and perform an M-mode at a later

time. This is just one of the many ways TruAccess can benefit you in your daily tasks.

TruAccess also provides image flexibility – allowing stored image optimization and measurement such as:

- Overall B-mode gain – dynamic range and gray scale maps
- Overall Doppler gain – baseline shift, sweep speed and inverted spectral wave form
- Tru3D – 3D processing and reconstruction from a stored cine loop

*Technology to improve patient care.*



*GE's exclusive*



*TruScan Architecture.*

# Productivity enhancements to help you spend more time delivering quality patient care.

LOGIQ 5 helps everyone on your staff obtain consistent, high-quality images. SmartScan productivity tools give you:

- Automatic optimization – in B-Mode and Doppler Mode
- LCD color touch screen with intuitive menu
- Virtual convex – a convex field of view for linear and sector transducers
- LOGIQview – expanded field-of-view imaging in B-mode
- 3D capabilities – Easy3D now integrated for faster acquisition and virtually instant reconstructions
- Enhanced DICOM keeping you connected



# An ergonomic environment your patients will notice.

*Fifteen-inch high-resolution monitor.*

*Seven-inch, high-resolution color-display LCD that is easy to view from any angle.*

*Three active probe ports for ease of use.*

*Simple, intuitive single-hand operation.*

*Integrated mode and gain controls help ensure fast and efficient studies.*

*Four-wheel swivel with front-wheel lock option.*

We asked experts around the globe for input on what would improve their working environment and reduce repetitive stress injuries. ComfortScan embodies those. A truly revolutionary advance in ultrasound.



*State-of-the-art color touch screen.*



*The keyboard/monitor can be moved up or down with ease for maximum operator comfort.*

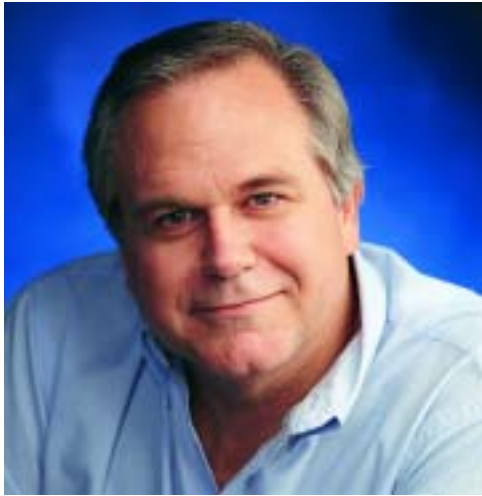


*Ultra-mobile. The LOGIQ 5 moves easily from room to room.*

*A truly revolutionary*



*advance in ultrasound.*

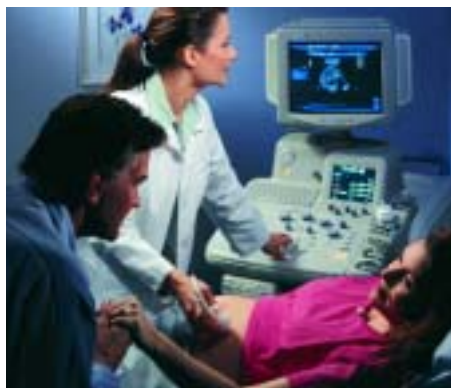


Committed to healthcare and you. The new LOGIQ 5 is just one more example of the breakthroughs evolving annually from the scientists, engineers and sonographers at GE Medical System's Ultrasound business – breakthroughs designed to provide you with superb image quality, clinical utility and department-wide productivity. And like our other imaging systems, it is backed by complete GE support, from financing to service to training and continuing education.

With GE, you have the security of knowing that your system is the product of Six Sigma strategies, a philosophy of achieving world-class performance meeting our customers' most exacting standards.



*A new generation of ultrasound imaging.*



## Breakthroughs backed by complete support.

The new LOGIQ 5 is another example of the constant stream of innovations from the scientists, engineers and sonographers at GE Medical System's Ultrasound business – breakthroughs that provide the superb image quality, clinical utility and department-wide productivity you are seeking.

**World-class support** – And like all our imaging systems, LOGIQ 5 is backed by world-class GE service, financing, applications training and continuing education. GE customers have long depended on our responsive on-site service support, as well as our pioneering InSite® remote diagnostics. You'll also have access to our exclusive iLinq™ on-demand support that gives you immediate access to vital information directly from your scanner console.

**Unsurpassed quality** – You also have the assurance of knowing that your GE equipment is the product of Six sigma strategies, a philosophy of quality in the design and manufacture of our products to meet our customer's most exacting performance and reliability expectations.

**Investment security** – GE Medical Systems is a world leader in diagnostic imaging products and support. For more than 100 years, healthcare providers worldwide have relied on GE for high-quality imaging technology, services and productivity solutions. No matter what challenges your healthcare enterprise faces, you can always count on GE to help you deliver studies of the highest quality.

**Ask your GE representative for all the latest details or visit our website today – [www.gemedical.com](http://www.gemedical.com)**



**GE Medical Systems**  
*We bring good things to life.*

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