



## See the most *from your ultrasound investment.*

Ultrasound is a cornerstone of your hospital's imaging department, and you've invested significantly to build comprehensive diagnostic capabilities. But are you seeing the most from this investment?

Chances are, you're not. If your radiology staff reviews ultrasound images on a multi-modality PACS workstation, their productivity is suffering, and important diagnostic information is not being seen in the reading room.

Imorgon can help. Our Imorgon Integrated Ultrasound PACS® is optimized for the way you want to view ultrasound studies, today. It's a software-only, site-license solution that lets radiologists automatically display all of a patient's ultrasound studies—clips and still images—simultaneously, on the same Microsoft® Windows workstation they use to view CT and MRI images.

# Integrated Ultrasound PACS

*Designed for today's technology, and business, environments.*



*Today, ultrasound is all about motion. The Imorgon system gives us instant access to clips that display sequentially and play automatically. This is a huge improvement over legacy technology. Imorgon Ultrasound PACS puts so much more information at our fingertips, we have significantly reduced the incidence of false negatives.*

## **THE BENEFITS YOU NEED MOST: IMPROVED DIAGNOSTIC EFFICIENCY AND QUALITY.**

Fully integrated with departmental workflow, Imorgon Ultrasound PACS improves the two elements most crucial to the radiology team's success: diagnostic efficiency and quality.

The Imorgon solution allows radiologists to gain precious moments of productivity with each study they read by enabling:

- All of a patient's ultrasound still and moving images to be displayed instantaneously, together and in acquisition order, on existing Microsoft Windows PACS workstations. Clips play automatically, eliminating the need to manually start them.

The patient's current study and all prior ultrasound studies are online and can be accessed immediately.

- More studies to be definitively read and resolved at the workstation, without requiring a conference with the sonographer, additional images to be taken, or patient interaction.
- Patient context to be maintained in many existing multi-modality PACS systems. A radiologist can look at all of a patient's imaging data—ultrasound, CT and MRI—without switching workstations or re-entering patient data. Previous patient ultrasound studies are immediately available for viewing, and CT and MRI images can be looked at either side-by-side with ultrasound images, or in a back-and-forth, full-screen manner, streamlining the entire review process.

As a result of these functional advances, radiologist can gain significant diagnostic improvements including:

- Immediate access to the rich information contained in ultrasound clips and color ultrasound images.
- An integrated image viewing environment populated with a more complete set of patient image data—ultrasound clips and still images, CT and MRI—enabling more informed decision-making.
- The ability to do additional ultrasound measurements in real-time, on-screen at the viewing workstation.

Imorgon recognizes that the most difficult diagnosis is "normal"—and we have designed our Imorgon Ultrasound PACS to give you the most information-rich, efficient diagnostic platform possible.

The Imorgon Ultrasound PACS is a software-only solution that integrates and coexists with your hospital's current multi-modality PACS. We've built it from the ground up to incorporate today's most advanced technologies, creating a standards-based solution that can be up and running quickly, and cost-effectively.

**SEAMLESS INTEGRATION WITH EXISTING PACS AND RIS**

The low-overhead Imorgon system is designed to operate independently or in coordination with your existing PACS. Either way, it offers tight integration with IT infrastructure, including the Radiology Information System (RIS). Installing the Imorgon system does not require tedious manual integration, and users can gain significant productivity benefits with minimal training. No new data entry procedures are required—in fact, Imorgon reduces the number of keystrokes required to retrieve ultrasound images.

**SOFTWARE-ONLY SOLUTION PUTS YOU IN CONTROL**

Imorgon unbundles the software and hardware components of our solution, allowing your IT organization to create an operating environment that conforms to your hospital's preferences.

**STANDARDS-BASED TO SIMPLIFY OPERATIONS**

The Imorgon Ultrasound PACS is based on the DICOM industry standard for transferring radiologic images and other medical information between computers, and on the HL7 communication standard for hospital information systems. We've also built our solution on industry-standard Microsoft technology, allowing it to easily fit into your hospital's IT infrastructure.

**SITE LICENSE REDUCES COST AND COMPLEXITY**

Imorgon streamlines technology asset management with a simple pricing structure: a one-time, perpetual site license fee that allows you to install the software on as many workstations as you want. In addition to speeding the up-front licensing process, Imorgon makes it easy to allow more radiologists to benefit from the system.

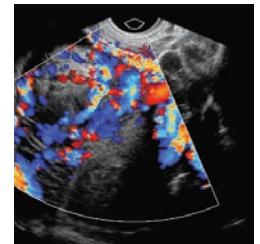
**HIGHLY AVAILABLE SYSTEM RESOURCES AND IMAGES**

Imorgon views high availability in two dimensions: system availability and data availability. The architecture of our Ultrasound PACS incorporates a mirrored server to ensure continuous system availability; the mirrored server provides hot-standby failover and protection from data loss in the event of a primary server failure.

Leveraging low-cost RAID storage, the Imorgon Ultrasound PACS also enables every single ultrasound study to be available at any time, replacing time-consuming retrieval of images from tape archives. This capability can provide invaluable diagnostic benefit, allowing images taken over time to be quickly reviewed side-by-side.

**SECURE BY DESIGN**

The Imorgon Ultrasound PACS is installed behind the firewall, in your IT environment, ensuring that is protected as stringently as the rest of your hospital's data assets.



*Installing the system does not require tedious manual integration, and users can gain significant productivity benefits with minimal training. No new data entry procedures are required—in fact, Imorgon reduces the number of keystrokes required to retrieve ultrasound images.*

# Imorgon Medical

*A brand new company with decades of experience.*

## **FLEXIBLE DESIGN AND SCALABLE ARCHITECTURE**

In today's healthcare environment, systems multiply and change in unexpected ways. The Imorgon Ultrasound PACS delivers a scalable architecture; expansion is not limited by single server performance. You can enhance your Imorgon capabilities with satellite servers deployed anywhere on the network.

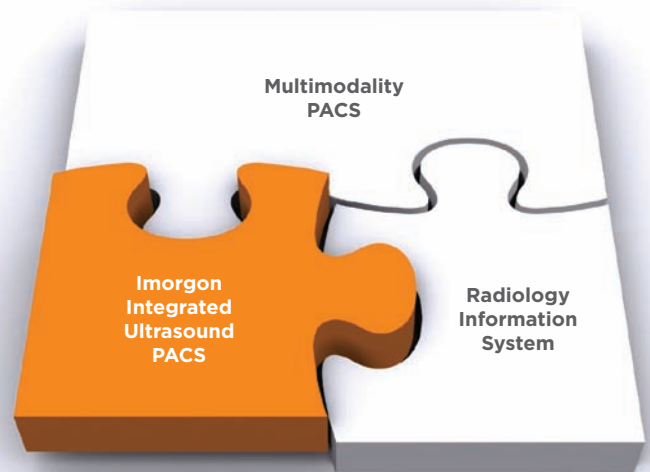
Imorgon Medical was founded by ultrasound industry veterans who believe in the power of a simple concept: that a new and better mousetrap can peacefully coexist with the existing mousetrap.

Our senior technologists were key members of the team that invented ultrasound PACS in the 1990s. The Imorgon Ultrasound PACS incorporates decades of expertise in ultrasound, combining everything we've learned to:

- produce a highly intuitive system that delivers the functionality radiologists need
- provide compatibility with existing PACS investments
- reduce bottlenecks, inflexibility and costs.

## **EASY TO DO BUSINESS WITH**

We've also learned what it means to be easy to do business with. In addition to our streamlined licensing, we clearly define what Imorgon delivers,



allowing your organization to retain control over IT infrastructure.

Your Imorgon Ultrasound PACS solution includes:

- Software, updates and enhancements
- Training for hospital technical people and clinical trainers
- Management and monitoring of the Imorgon Server, through an always-on VPN connection.

## **FOR MORE INFORMATION**

To learn more about how Imorgon Ultrasound PACS can help your hospital see more from its ultrasound investment, call (650) 352-5704 or visit us at [www.imorgonmed.com](http://www.imorgonmed.com)

*The low-overhead Imorgon Integrated Ultrasound PACS is designed to operate independently or in coordination with your existing PACS. Either way, it offers tight integration with IT infrastructure, including the Radiology Information System (RIS).*



Imorgon Medical LLC  
555 Veterans Blvd, Suite 110  
Redwood City, CA 94063

Copyright © 2008, Imorgon Medical LLC. All rights reserved. Imorgon and Imorgon Integrated Ultrasound PACS are registered trademarks of Imorgon Medical LLC. All other trademarks mentioned in this document are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Imorgon and any other company.