

Rhythm[®] Enterprise Web

Software Solutions

Data on Demand

Rhythm Enterprise Web*, operating in conjunction with Rhythm Enterprise Archive, provides on-demand access to NDT inspection data maintained in a central Rhythm Enterprise Archive server from anywhere in the world with just a Windows[®]-based PC and web browser.

Rhythm Enterprise Web brings DICOM viewing capabilities to the internet and provides a convenient distribution engine with web-based functionality. Consistent with the Rhythm platform, Rhythm Web works across NDT modalities allowing for optimal delivery of multi-modal NDT images to all users, regardless of where they are in the world.

* Rhythm Enterprise Archive is required to operate Rhythm Enterprise Web



Going to the Web with Inspection Data

Rhythm® Enterprise Web provides single-point and enterprise-wide access to cross modality images—regardless of where the information originated.



Rhythm Web main window

Ease-of-Use

Rhythm Web is designed to combine powerful functionality with ease-of-use, even for those without extensive computer usage experience.

- Rhythm Web comes with many features that can be accessed via the toolbar. These features are available while viewing images and provides one-click access to functions in specific areas, such as windowing, measurement and conferencing. Dragging with the left mouse button moves an image. Dragging with the right mouse button performs such functions as windowing images. A single click with the right button reveals a shortcut menu with options for commonly performed tasks. You can even use the mouse wheel to zoom images. You can show or hide particular parts of the screen, such as the Pictorial Index and reports window. Rhythm Web intelligently remember these preferences and more.

Collaborative Real-time Communication

Rhythm Web's conferencing features allow inspectors to consult colleagues in any part of the world as if they are in front of the same computer looking at the same images. When you or your colleague make a change, window or pan an image, Rhythm Web updates are seen instantly. A text chat facility allows text messaging. Client computers outfitted with webcams and microphones enables voice and visual communication.



Rhythm Web viewer with web conferencing

Quick Information Access

Rhythm Web allows information to be accessed quickly—when and where you want it

Speed of Data Delivery

Data delivery is optimized to the recipient's bandwidth and display capabilities via GE optional progressive wavelet transmission.

High-level Security

Rhythm Web runs on your network so you have full control over your security. Data is protected with advanced audit technologies, encryption and via SSL certificates. Access can be segregated into various groups and can be controlled at the group level and/or the individual level. This allows customers to share specific data with a particular group and disallow others to view, query, and/or retrieve the same set of data.

Investment Protection

The use of off-the-shelf client hardware components and industry standard DICONDE protocol enables the product to be upgraded to meet standards of tomorrow.

Operator Productivity

Rhythm Web brings all the features, functionalities and benefits of Rhythm® Review in a web based format, making it more accessible and useful to users within an organization. Images and data can be accessed around the clock as long as users are connected to the internet, increasing productivity for organizations.

- **Assigned Worklist**—Appears at the startup of Rhythm Web showing list of studies inspectors can run queries on to narrow their selection. This feature allows users to view the status of individual studies or import images from remote storage devices as well as view study reports from the Rhythm Web Server. Users can double-click a study to open it for viewing, or select individual images to view—minimizing download time.
- **Pictorial Index**—Helps inspector locate the inspection results they want to view and select specific images to view by displaying thumbnails of images in the study so they can see the image before downloading from the server. Inspectors can resize the Pictorial Index or show or hide it at will.
- **Viewing Window**—When opening a study or images in the worklist, these images are show in the viewing window. This is a valuable navigation tool when searching for studies and the customizable viewing window allows users to view images individually or view a whole array at once. Within the viewing window you can window, zoom, pin (“freeze”), rotate and flip images. Rhythm Web also provides various measurement facilities such as probes, distances, profiles and regions of interest (ROIs).



Rhythm Web viewer with pictorial index



Rhythm Web viewer with options

Common Look and Feel

Across all modalities, the user interface of Rhythm Web enables NDT inspectors to switch seamlessly from one to the other with no loss in productivity.



Specifications

SERVER HARDWARE

Rhythm® Enterprise Archive server

CLIENT HARDWARE

Display Monitor	Single color monitor	1024 X 768 pixels
High-resolution monitors		Supported up to 3M pixel screens
Dual-monitors		Supported for two monitors with the identical resolution
Refresh rate		70 Hz Operating System
Operating System		Microsoft® Windows® 2000 Professional SP4
Browser		Microsoft Internet Explorer® 6.0 SP1 or SP2
Processor		1GHz Pentium III / IV or Xeon processor
Memory		512MB RAM
Storage Capacity		10GB
Graphics Card		Fast graphics card with at least 8MB RAM and capable of displaying 256 shades of gray. For color display, 16 million colors (24-bit color) are required; at least 16MB RAM is recommended.
Mouse		The use of wheel mouse is recommended for the full image manipulation

Language Support (GUI and Online Help)

Chinese (Simplified and Traditional), English, French, German, Italian, Japanese, Spanish



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GEIT-90002EN (01/09)