Rhythm® Visual

Data Management Software

Rhythm Visual software is an all-in-one tool to manage data and report generation more efficiently. Rhythm improves productivity by providing a consistent and simple method for the capture sharing of visual images.
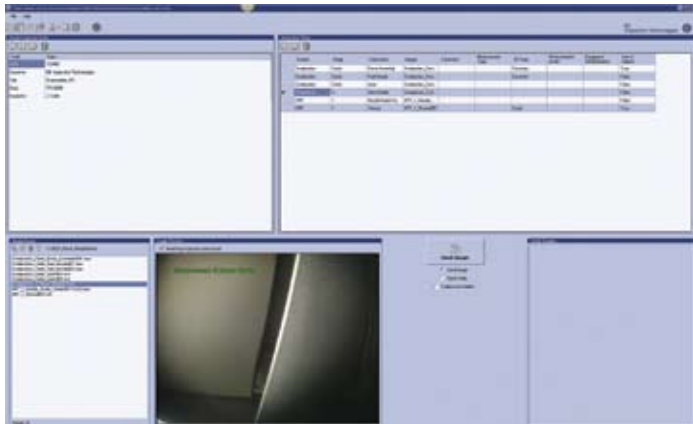
Features and Benefits

- Create meaningful and easy reports with just a few click of the mouse.
- Standardize reporting of data for better decision-making.
- Make more intelligent use of inspection data.
- Eliminate post-Inspection consolidation of images and handwritten inspection data.
- Correlate images and data precisely with specific assets and components being Inspected.
- Move data, not the experts.

Easy to use

Inside the Rhythm Acquire Module, inspection specific lists can be created. Associate data, such as inspector name, location of inspection, and item being inspected can be added to the images. The inspector can describe the image and provide additional notes, either by entering information into a laptop while saving the image at the time of inspection or by saving a number of images for entry at a later date. It is also possible to import a CAD drawing or photographic image to assist in inspection site identification. Finally, an on-site standardized inspection report can be generated and forwarded to any third party, overseeing body or archive.

Rhythm Visual Acquire graphical user interface

Reporting

Rhythm Visual eliminates the need to manually consolidate images and handwritten inspection data. Easy to understand reports are generated with a simple click of the mouse. Measurement data, stereo and shadow and comparison measurements are presented in a standardized reports format. Reports are consistent and accurate for condition-based maintenance analysis, fast historical comparisons and quick database searches.
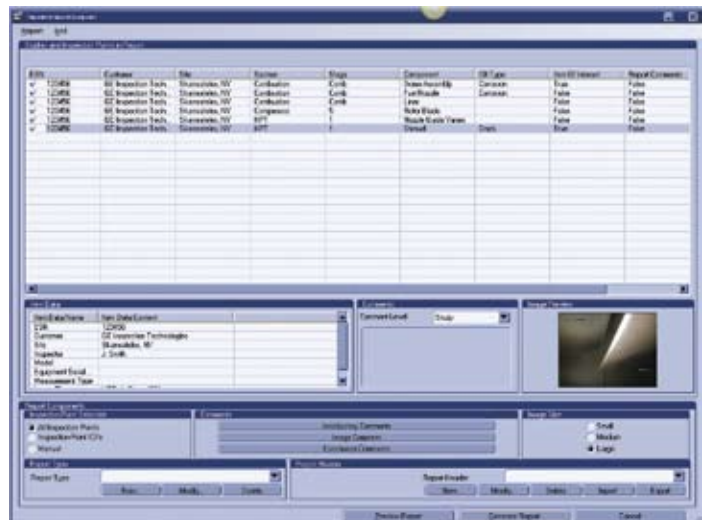
Speaking the right language

All data used with Rhythm Visual is saved and transferred in the DICONDE format, an adaptation of the medical DICOM (Digital Imaging and Communication in Medicine) standard. GE Sensing & Inspection Technologies benefits from the pioneer work carried out by GE Healthcare over the past 12 years with DICOM, which is now used by virtually every medical profession that utilizes images. ASTM released the first version of the DICONDE standard in 2004.

Since Rhythm Visual uses this universal standard, operators can be sure that they are not constricted by current proprietary formats and avoid legacy data conversion when upgrading inspection systems.

Anticipating Tomorrow's Needs

Rhythm Visual provides a stepping stone into the future because it is based on a data communication standard that will never become obsolete. Its architecture is both scaleable and modular so that it can be developed to meet needs as they arise. The Rhythm software will be extended to other inspection modalities, so that it will be possible to compare inspection results at the same workstation, in a process of data fusion.

Rhythm Visual Reporting graphical user interface

Minimum PC configuration for Visual Acquire	
Processor	1200 MHz
Memory	256MB RAM
Hard Disk	20GB
Video Resolution	1024 x 768
Network Card Required	128 Kbits/sec
Operating System	Windows® XP
Word Processor	Microsoft® Word® 2007

Note: Review and Archive hardware supplied from GE.

www.geinspectiontechnologies.com

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