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LAUREL BRIDGE SOFTWARE ANNOUNCES NEW RELEASE OF COMPASS

Customer Requested Enhancements Improve DICOM Store & Forward Router Solution

Newark, DE (January 24, 2011) – Laurel Bridge Software released a new version of Compass™, its sophisticated, rules-based DICOM Store and Forward Routing application for DICOM store jobs.

Based upon recommendations from existing Compass customers, Compass was enhanced to include:

1. **Dynamic Priority Routing** which provides greater granularity for establishing image routing priorities and workflow sequences, both manually and via configuration of rules. Priority levels have been increased from 2 to 10; however, Compass will adhere to enabled status, maximum association count and schedule for given destinations.
2. **Destination Heart-Beat Sensing** automatically detects availability/attachment of destination(s) and automatically routes images queued for such destination(s) when connected.
3. **Compass Basic** – A flexible, limited-functionality licensing option to provide more cost-effective solution for implementation scenarios of limited number of sources or destinations. Standard version of Compass provides for unlimited number of sources and destinations. Compass Basic includes all other features found in Compass Standard.
4. Configuration options to provide **flexibility for DIMSE message handling and logging**.
5. **New Destination Status Form** provides for simple, succinct view of all destination states.
6. **Maximum value for the Stable Study Time Interval** has been greatly increased to handle larger images on slower connections. Stable-State Processing permits studies/images transmitted from a single source over multiple associations to be aggregated and transmitted over to a single outbound association.
7. **Study-based custom filtering** to permit image-level filtering, tag-morping, and routing based upon content found within any image in the study.

Compass Overview:

- **Windows Service.** Compass starts automatically with the computer. The user interface is used independent of the service to review imaging routing states, process logs and configure rules.
- **AE Title Pass-Through.** Compass supports the “pass-through” of AE titles from the source to the routed destination.



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- **Study Priority Routing.** Compass provides supports multi-level priority setting to efficiently manage transmission of outbound studies.
- **Email Notifications.** Compass provides email notifications for job failures or low-disk space.
- **Hold Queue.** Compass can route images into a local “hold queue” to support manual routing or deleting of certain images.
- **Enhanced Logging & Reporting.** Descriptive and informative log entries and condition reporting, with verbose logging available on a per-source and/or per-destination basis.
- **User Interface.** The main interface provides patient/study demographic data to help manage the flow of studies through Compass. The display is easily customized to show exactly what is needed. Compass also maintains “sent” jobs for a period of time to allow easy tracking of your studies or to perform resends if necessary. The interface also supports a simple, yet robust filtering mechanism to allow you to quickly find information of interest. These filters can then be saved to streamline your workflow in the future.
- **Inbound Association History.** Easily view a history of all incoming associations and their state from within the Compass interface.
- **Filters/Tag-Morphing.** Filters are available on a per-source or per-destination basis, allowing a particular device to be targeted for tag morphing custom scripting for complex workflows.
- **Throughput Optimized Protocol Service (TOPS).** When sending images from one Compass router to another Compass router, the custom protocol can be used that greatly enhances throughput, especially on slower networks. The custom protocol also allows interrupted jobs to pick up where they left off, instead of sending the entire study again. This custom protocol can optionally be sent over an SSL connection, negating the need for a VPN connection. Benchmark test results indicated a five (5) to eleven (11) times improvement using TOPS versus using standard DICOM communication.

About Laurel Bridge Software

Laurel Bridge Software, Inc. is a Delaware-based corporation, specializing in development and deployment of DICOMTM applications and tools for the medical imaging industry, especially in areas related to communication of medical devices, appliances and enterprise medical imaging systems via high-speed local and distributed networks. Engineers from Laurel Bridge Software and its sister company, Blair Computing Systems, Inc., have been developing medical imaging systems for more than twenty years. Laurel Bridge Software has a wealth of experience developing PACS networks, modalities, workstations/viewers, archives and protocol or image converter boxes in a variety of configurations.

For additional information about this topic or to receive more information about our product offerings, please contact Susan Blair or visit LBS at <http://www.LaurelBridge.com>.

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