



LAUREL BRIDGE

NEWS RELEASE

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Laurel Bridge Software Releases Updated DICOM[®] Protocol Analyzer

Newark, DE (September 4, 2003) – The latest release of the DICOM Protocol Analyzer (DPA) offers OEM developers a powerful communications tool to assist in the diagnosis of DICOM protocol related networking problems. Demonstration copies are available to interested parties.

The DPA software acts as an intermediate node between a DICOM client and server: inspecting, forwarding, and optionally logging DICOM PDUs sent by each DICOM Application Entity. Controlled via a local or remote web browser and running on a variety of popular platforms, including Windows, Linux, and Solaris, the DPA requires no special hardware to provide its functionality.

The DPA selectively routes and logs DICOM connections of interest. DPA logging is easily configured, allowing real-time display of network data down to the PDU level, in a convenient human-readable format. A real-time status monitor displays all active associations. Additionally, a standard option converts log files to ADVT/DVT compatible scripts that can be used to replicate the events of the captured DICOM association.

The DPA has two operating modes. A "transparent mode" assures seeing and forwarding all PDUs in a DICOM association, which makes the DPA immune to packet dropping – a common problem in traditional network monitors that use packet-sniffing technology. A "filter mode" includes configurable filters that may alter DICOM elements in real-time as they pass through the DPA, allowing the DPA to detect and optionally modify or "fix" selected DIMSE messages. In the face of connection errors, this option often enables developers or field engineers to successfully connect otherwise incompatible devices without the need to alter either device's DICOM networking software.

Laurel Bridge Software, Inc. is a Delaware-based corporation, specializing in providing software tools and utilities for use by software professionals, especially in areas related to networking and controlling medical devices. Engineers from Laurel Bridge and its sister company, Blair Computing Systems, Inc., have been developing medical imaging systems for more than a decade. Together they have a wealth of experience developing PACS networks, modalities, workstations/viewers, archives and protocol or image converter boxes of all shapes and sizes, working with companies like AGFA, Codonics, Direct Radiography Corporation, DuPont, Hologic, LORAD, and others. Contact: Laurel Bridge Software, Inc., 160 East Main Street, Newark, DE 19711 USA, Tel: 302-453-0222, Fax: 302-453-9480, E-mail: info@laurelbridge.com, or visit www.laurelbridge.com.

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