



LAUREL BRIDGE

NEWS RELEASE

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DICOM[®] Connectivity Framework Introduced

Newark, DE (April 10, 2000) — Laurel Bridge Software, Inc. (LBS) announced the release of version 1.1 of the DICOM[®] Connectivity Framework (DCF), an advanced, object oriented collection of software components implementing the DICOM v3.0 protocol for OEM medical imaging systems. The DCF enables a medical imaging system – printer, scanner, archive device, workstation, etc. – to communicate with other devices over a network, using the DICOM protocol. By using the DCF, an OEM can provide DICOM connectivity for their device (application or modality) with a minimum of effort.

The DCF includes C++ and Java[®] language components and allows multiple integration models; this approach allows OEMs freedom to choose the language most appropriate for their application. The following platforms are supported: Linux, Solaris[†], Windows[†]; the following DICOM SOP (Service Object Pairs) classes are supported as both SCP and SCU (Service Class Provider/User):

- Basic Grayscale Print Management Meta
 - Film Session
 - Film Box
 - Grayscale Image Box
 - Printer
- Basic Color Print Management Meta
 - Film Session
 - Film Box
 - Color Image Box
 - Printer
- Print Job
- Annotation Box
- Basic Overlay Image Box
- Presentation LUT
- Image Storage (All C-Store SOP classes)
- Queue Management[†]
- Storage Commit – Push Model[†]
- Query Retrieve – Patient Root Model[†]
- Query Retrieve – Study Root Model[†]
- Modality Worklist[†]
- Performed Procedure Step[†]

[†] Commercial release 1st quarter 2001

The DCF is currently available to OEMs looking to integrate Dicom connectivity into their medical application or device. With the proven reliability of the DCF, LBS's experienced team of developers is ready to assist OEM's in meeting their Dicom interface needs. Special software needs may be addressed through the custom programming services offered through Laurel Bridge's sister company, Blair Computing Systems, Inc.

DICOM[®] (Digital Imaging and COmmunications in Medicine) is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information and is the *de-facto* standard for the communication of digital images between medical applications or devices.

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 DuPont, Polaroid, Sterling Diagnostic Imaging, AGFA, Hologic, and Direct Radiography Corporation, to name a few.

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