

LAUREL BRIDGE SOFTWARE

Reliable, robust, and easy-to-use DICOM® software applications, tools, utilities, and services to assist the medical imaging community in the design, development and support of medical imaging software, devices, and networks.



LAUREL BRIDGE

Everything DICOM

Design
Test
Integrate
Deploy
Migrate



Laurel Bridge Software

Exodus
Compass
Switchboard
Mercury
DCF
PowerTools

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Products

EXODUS™	Migration of DICOM PACS Archives
COMPASS™	Store and Forward Router for DICOM Store Jobs
SWITCHBOARD™	DICOM Message Routing and Dynamic Tag Morphing for all SOPs
MERCURY™	Custom DICOM Archive Solutions
DCF™	DICOM SDK: Windows / Linux, 32/64 Bit, C# / Java / C++
POWERTOOLS™	Utilities for PACS/DICOM Administrators, Integrators and Developers

Services

Design and Development

- Project Planning and Strategic Consulting
- Project Management
- Requirements and Specification Definition
- Application Design, Development, Implementation, Testing and Support
- Integration and Testing Services
- Fixed-Price or Time-and-Materials
- FDA-compliant Design and Development Processes

DICOM Software Testing

- Custom Tests and Reports
- Designed and Configured to Customer Requirements
- DICOM Conformance Testing and Validation

Representative Customers

AccelaRAD ■ AGFA ■ Codonics ■ Department of Veterans Affairs ■ DR Systems ■ Dexela Faxitron ■ Franklin & Seidelmann ■ Hologic ■ Kowa Optimed ■ LORAD ■ NightHawk Radiology Siemens Medical ■ Sonultra ■ STI Medical Systems ■ U.S. Air Force ■ Virtual Radiologic

MOVING FORWARD?
MOVE YOUR DATA WITH INTEGRITY
MOVE WITH LAUREL BRIDGE

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Product Details:

EXODUS™

Migration of DICOM PACS Archives

- Provides automated facilities and services for migration of studies, series and SOP instance data from one DICOM 3.0 compatible physical archive to another.
- Supervises and schedules the migration.
- Provides for exception processing and error handling.
- Provides multi-level validation of migrated data.
- Records history, log and performance statistics.
- Provides site-specific mapping and/or alteration of DICOM elements.
- Validation of data moved is automated and reported.

SWITCHBOARD™

DICOM Message Routing and Dynamic Tag Morphing

- Functions as an intermediate node between a DICOM client and server and runs on Windows or Linux.
- Allows the user to route, monitor, log, filter, and convert DICOM datasets during DICOM network communications.
- Designed primarily for network or PACS administrators, developers, field service engineers, migration specialists, or anyone responsible for integrating DICOM devices.
- Facilitates interconnection of otherwise incompatible DICOM devices.
- Allows the movement of incompatible datasets through rule based correction of dataset elements in real-time.
- Permits remote configuration, control and monitoring via a web-based GUI.

DCF™ - DICOM CONNECTIVITY FRAMEWORK

DICOM SDK: Windows / Linux, 32/64 Bit, C# / Java / C++

- Advanced, object-oriented, component-based software framework that represents the next-generation implementation of the DICOM protocol.
- DICOM software development toolkit (SDK) that provides comprehensive, managed support for Windows and Linux.
- Provides robust, portable, high-performance, native implementations of DICOM in C#, Java®, and C++.
- Uses simple yet powerful Application Programming Interfaces (APIs).
- Does not require detailed knowledge of DICOM protocols.
- Provides a rich set of utilities for support of development, testing and validation.

COMPASS™

Store and Forward Router for DICOM Store Jobs

- DICOM tag-based store job router.
- Provides powerful scheduling, filtering and routing.
- Stores to multiple destinations, such as an archive and a viewing station, without repeatedly resending data.
- Uses powerful routing rules to specify desired destinations.
- Combines studies received on multiple associations into a single outbound store job.
- Designed primarily for network or PACS administrators responsible for integrating DICOM devices.
- Facilitates the interconnection of otherwise incompatible DICOM devices.

MERCURY™

Custom DICOM Archive Solutions

- Robust, fully functional core platform for building a custom DICOM Store archive.
- Suitable for building a departmental archive, store and forward cache, or simply a temporary archive.
- Can be the basis for a custom archive solution for any persistent datasets you have or receive.
- Facilitates importation of DICOM datasets from a variety of sources.
- Supports DICOM Query/Retrieve (Q/R) functionality.
- Provides fully configurable DICOM features.
- Custom solutions available, requires DCF Toolkit.

POWERTOOLS™

Utilities for Administrators, Integrators and Developers

- Collection of standalone DICOM-related Windows® applications and a suite of DICOM clients and servers.
- Facilitates diagnosis, testing, and repair of DICOM communication problems.
- Provides for the viewing, editing, repair, or creation of DICOM data sets and their contents.
- May be used independently or scripted into a variety of situations.
- Suitable for use by PACS administrators, integration engineers, system testers, software developers, field service technicians, and others who work with DICOM.
- Available Jan 2010.

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