MERCURY™

LAUREL BRIDGE

ARCHIVING IMAGES?

MERCURY™
DICOM® ARCHIVE SOLUTIONS

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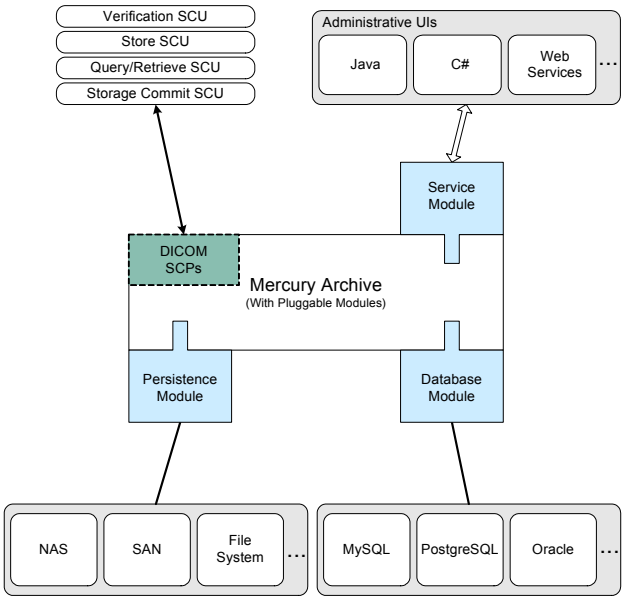
The core of a fully functional mini-archive, Mercury can form the basis of your departmental archive, store and forward cache, or a temporary archive. Its configurable database indexes, retrieves and manages the DICOM tags and workflow fields that you specify. Mercury can also become the archive for any persistent datasets you have or receive; all you need to do is specify their location, and instruct Mercury to import all of the DICOM datasets it finds at that location.

Mercury's configurability and ability to be customized extends to the DBMS, persistent storage, and the administrative interfaces allowing you to leverage your existing infrastructure. You can use Mercury's preconfigured database, or Mercury can be customized to use your existing DBMS. Likewise, Mercury's public APIs may be used to quickly deliver a look and feel consistent with your organization. Multiple persistence locations for the DICOM datasets being archived can be supported.

Customizing Mercury to meet your design requirements is simplified by its module oriented design.



Overview:

- Predefined module implementations allow rapid startup.
- Pluggable architecture allows rapid swapping of modules.
- Configurable database schema allows easy DICOM tag additions/deletions/modifications.
- Built-in DICOM support for: Store SCU/SCP, Query/Retrieve SCP, and Verification SCP/SCU.
- Support for non-image sop classes: Structured Report, Radio Therapy, GSPS, etc.
- Convert and store received images in a specified transfer syntax; optionally store in the received transfer syntax, e.g. ILE, ELE, JPEG Lossless, JPEG 2000, etc.
- Fine-grained control of associations, AE titles, and logging.
- Optional logging or monitoring of DICOM transactions.
- No artificial modality or SCU (client) limits.
- Ability to auto-forward datasets to another archive or PACS.
- Configurable DICOM tag inconsistency detection and resolution.

Mercury must be customized for your needs and requires purchase of a DCF Toolkit plus additional services. At the end of this process you have an archive solution that you deploy and maintain.

Typical Example of required purchases and activities:

- Mercury core software code base
- DCF Toolkit (Purchase or Subscription)
- Development - System Requirements Specification
- Development – Customize Database, Workflow, and Admin User Interfaces
- Enterprise DCF Run-Time License(s) for each deployed instance

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

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