

Enhancing PowerScribe® 360 Reporting Workflow

Ultrasound is just one of many imaging modalities that include quantitative measurements that are performed during the examination. Automatically incorporating this measurement data into the radiologist's report can improve clinical quality and productivity.

Problem

- The need for technologists and radiologists to manually enter measurement data into a PowerScribe® 360 Medical Imaging Report template to support the dictation process.
- Inconsistent data presentation caused by varying modality vendor data formats.

Solution

Compass™ Routing Workflow Manager - PowerScribe 360 Integration Module
PowerTools™ - Suite of Standalone DICOM & HL7 Utilities

Benefits

- Increases the value of the clinical report with the inclusion and normalization of quantitative measurement data.
- Saves time by automating the inclusion of report data in a standardized format.
- Eliminates errors that can be introduced by manual processes.
- Improves the efficiency of workflows that impact the clinical process.

Features

- Works with any modality that supports DICOM® Structured Reporting (SR).
- Flexible parsing, mapping, editing, and transformation of DICOM SR data into the appropriate PowerScribe 360 report template fields.
- Leverages the power of Compass Router to solve complex imaging workflow challenges that benefit from DICOM SR data management and DICOM tag morphing/coercion.
- PowerTools utilities ease the identification and extraction of relevant SR report data fields.

Compass PowerScribe 360 Integration Module uses the PowerScribe 360 Web Services API to map DICOM SR data fields into the PowerScribe 360 report template. Post-processing can be performed to modify, add, or remove PowerScribe 360 custom fields.

Supports many DICOM SR exam types, including:

- OB-GYN
- Vascular (Doppler Carotid, Renal, Abdomen)
- Thyroid
- Testicular

The flexibility and configurability of Laurel Bridge Software's enterprise imaging workflow solutions also provides support for custom or private DICOM SR formats and fields.