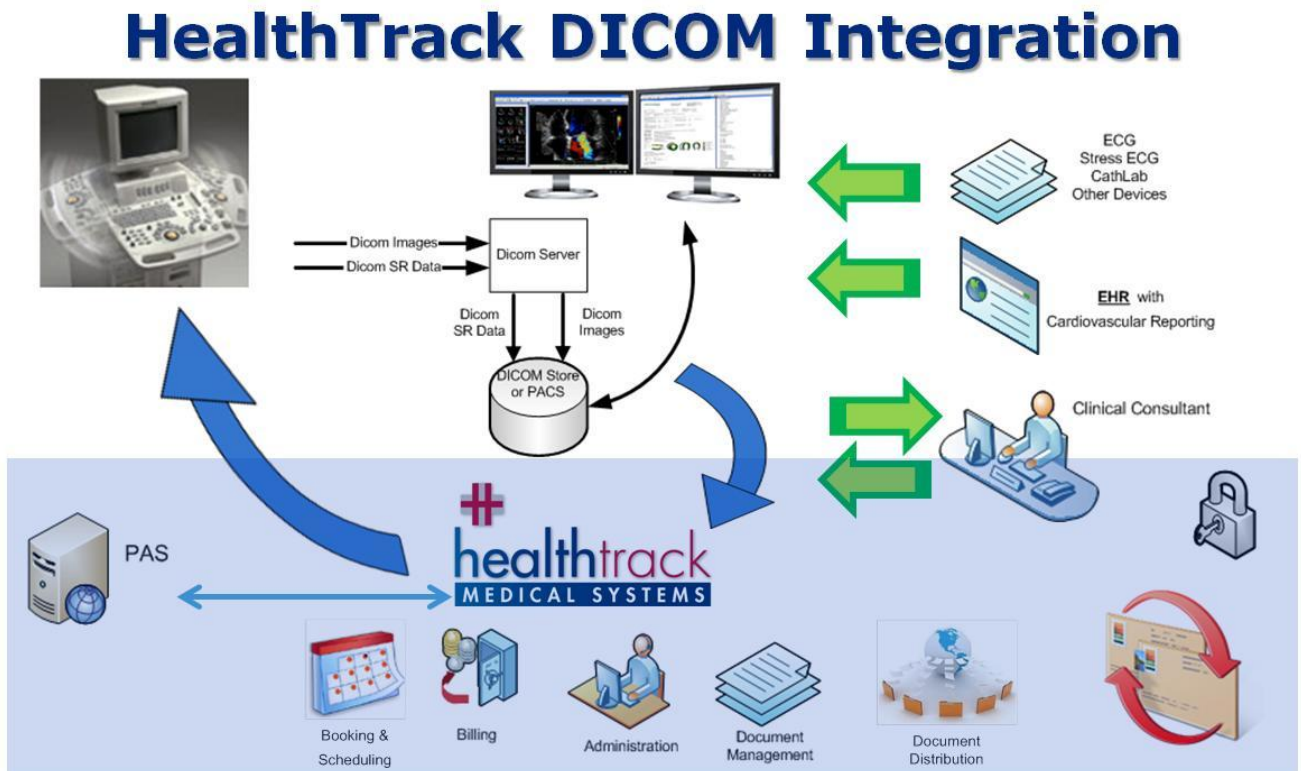


DICOM Integration

HealthTrack is exploiting new workflow opportunities for cardiology clinics and hospitals by integrating digital imaging technologies with the sophisticated HealthTrack information system.

HealthTrack is a clinical information system that manages patient demographics, appointment information and clinical data. This same data is required by DICOM devices such as echocardiogram ultrasound machines and catheterization laboratories. DICOM devices require specific patient and study information to embed in the images and to store the digital study.

The HealthTrack DICOM integration is a true full cycle integration, with HealthTrack sending data to the echo machines, retrieving data from the DICOM environment and launching the DICOM reporting and review environment.



DICOM Modality Worklist Server

In most environments, the echocardiogram technician must manually enter the patient demographic information and study information into the ultrasound machine. This process wastes time and mistakes result in lost and misread studies, costing both the patient and the clinic time and money. HealthTrack sites can now use the HealthTrack 'DICOM Modality Worklist Server' to send the required data in an **automated, reliable, error-free** transfer to the DICOM devices, in a standard way that is supported by most manufacturers of digital DICOM machines.

- Diary driven (automated)
- Close the loop between Echo machines, Dicom reporting and HealthTrack
- Allow Echo machines or any Dicom device to retrieve the next scheduled patient's details including 'HealthTrack Patient_ID'. This means the echo technician does not need to enter the details and potentially get it wrong, resulting in lost or unreported tests.



HealthTrack DICOM Worklist Server

Fast, Efficient, Accurate

Get Patient:
Name, DOB,
Patient ID/MRN,
Booking type
Request Number

Patient Details



Patient Details sent direct to
Echo machines

DICOM Viewing and Reporting Integration

HealthTrack integration with DICOM Viewing and Reporting systems is available for most systems including:

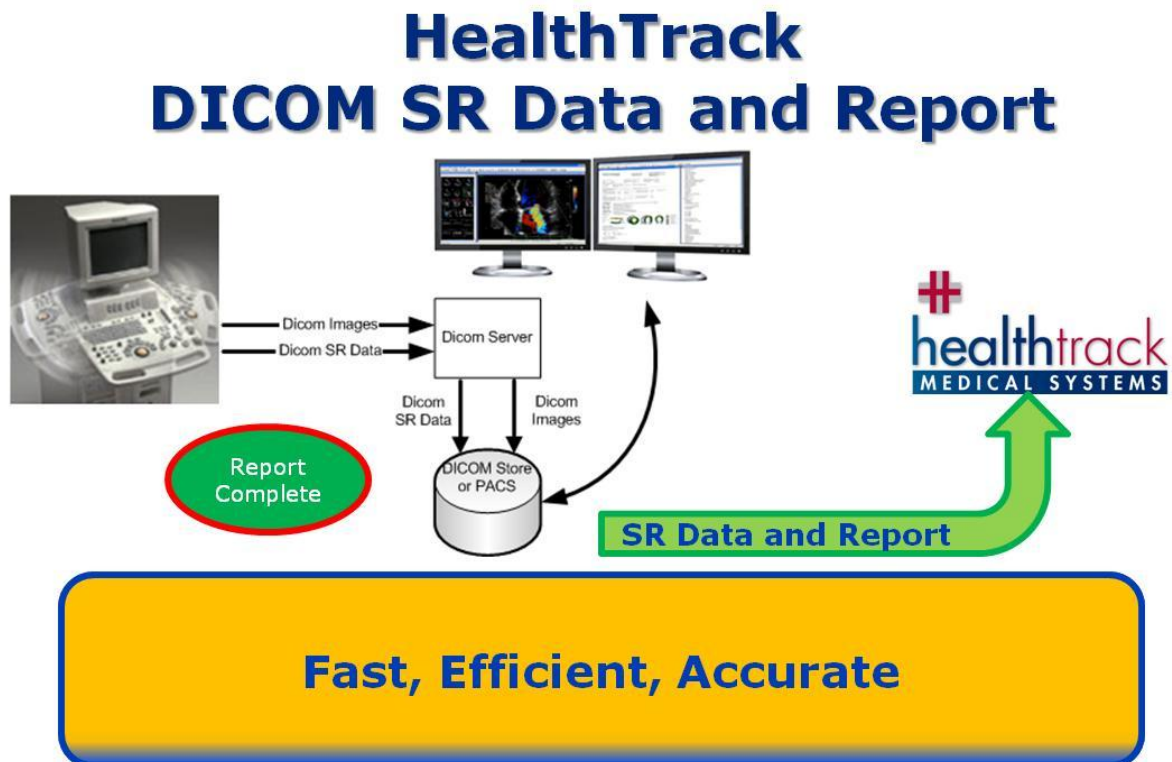
- Fujifilm Prosolv
- Philips Xcelera,
- Siemens SyngoDynamics,
- Other systems/vendors can quoted as required

This integration has 3 functions:

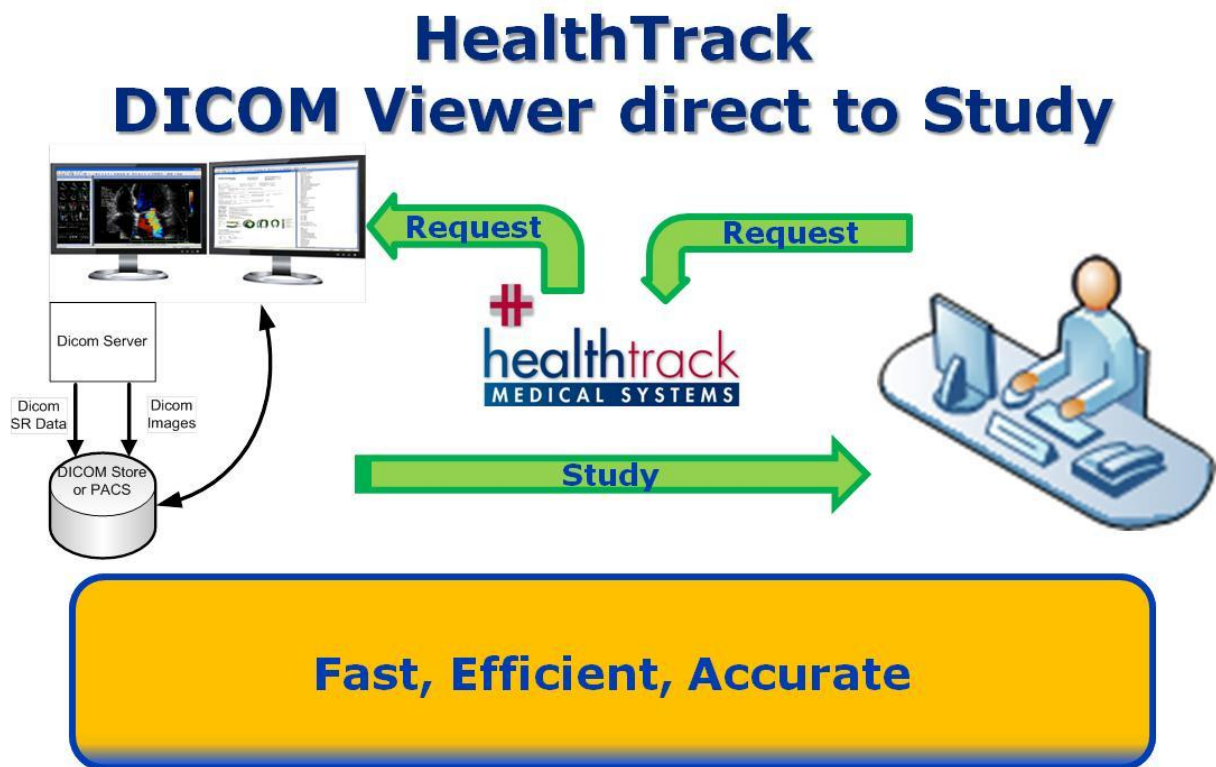
DICOM SR Data and Reporting

- Report** – The report is automatically queried, extracted and made available in HealthTrack.
- SR Data** – The SR data is extracted and mapped into HealthTrack. This enables full data mining against echo data measurements and any other data available in HealthTrack including pathology results, medications, etc.

Most significant is the fact that HealthTrack can electronically deliver the reports when the data is also in HealthTrack. This is because HealthTrack will regenerate the report in the appropriate format for the receiving doctor (eg PIT, HL7, Text, etc).



3. **DICOM Study Viewing** – The ability from within HealthTrack to directly invoke the specific DICOM study for review and clinical reporting. This will require the vendors web viewer or workstation based application.



ABOUT HEALTHTRACK:



The HealthTrack DICOM Integration is another of HealthTrack's Business Process Automation features. HealthTrack has taken the time to understand all of the aspects of your business, and put automated solutions in place to increase your productivity, stimulate cash flow, and achieve a much better return on investment. HealthTrack is the key to your ability to manage and grow your business, and increase the value of your asset.

Other HealthTrack Business Processes include collections and cash management; patient process management and calendar integrity; automation of correspondence and reporting; and total workflow automation.

For more information on these exciting offerings, and for a free Business Process Review, contact HealthTrack on (07) 3105-9033 or email: sales@healthtrack.com.au