



eClinicalWorks – [ReportVault Integration](#)

We have signed Medical Transcription contract with a radiology center located at North California. It is a group of 5 radiologists reading reports for a big hospital located at the same street. We were receiving the patient demographic sheets from the hospital directly via fax. The radiologists were using [ReportVault application](#) to view/edit and e-sign the reports. The e-signed reports were automatically faxed across to the hospital and the office manager at X-Ray department scans the reports and pushes the same to the patient charts. The hospital is eCW enabled.

The hospital had the following issues,

- At times, the fax server stopped working.
- They were wasting lot of papers to send us the patient demographic sheets.
- Patient demographic were found incorrect.
- They had to spend long hours to locate the corresponding patient reports and attach it in patient's chart.
- There were missing at least two reports a day.
- They had to do manually entry in many cases.
- They were rescheduling the patient's visit a day after the procedure is done.

After a month back we have scheduled an onsite meeting with the radiologists and the hospital. We have completely studied their workflow in a couple of hours. We have integrated our ReportVault with their eCW EMR via HL7 messenger. This is the end to end integration.

eCW – ReportVault - First phase integration:

- eCW sends the patient demographic info to ReportVault as a HL7 message.
- ReportVault accepts the HL7 message and saves onto its database.

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eCW – ReportVault – Second phase integration:

- ReportVault send the e-signed reports to eCW via HL7 message.
- eCW accepts the message and saves into the corresponding patient's chart.

eCW – ReportVault Integration Result:

- No more fax server problem.
- No more incorrect patient demographic info.
- No more scanning of reports and pushing it to eCW.
- No more missing reports.
- Manual data entry completely stopped.
- The hospital and we saved around 75000 papers a year.

Right now they are using the data entry girl to schedule appointments for more patients. Of course, she is re-scheduling the visit for the patient on the same day.

We are proud that we have assisted a hospital to get the Best Patient Care award.

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