Oregon ELR Dataflow

Oregon State Public Health Laboratory

Clinical/Reference Laboratories

State Public Health Departments (ID, WA)

CDC

PHIN-MS (receiver)

PHIN-MS (sender)

FileMaker Server Side script inserts CD records into Orpheus ELR hourly between 5:30 a.m. to 10:30 p.m.

FileMaker Pro

SAMS

CDC Special Projects (.xls, .mdb, HL7)

HL7 ELRs and CSV reports (PHILIP, LIMSi, and reportables)

Files are retrieved by a WinSCP script that runs hourly between 5:05 a.m. and 10:05 p.m.

Rhapsody continuously polls the PHINMS worker queue for new messages

Rhapsody Message routing, translation, and parsing

SFTP (incoming)

SFTP (outgoing)

HL7 Routed Out of State (WA-DOH) ELRs

JDBC/SQL (inserts data into tables hourly between 5:05 a.m. and 10:05 p.m.)

PDFs (pseudo ELR) routed Out of State (to ID-DOH and WA-DOH)

Out of State ELRs rerouted (to ID-DOH)

PDFs (pseudo ELR) Routed Out of State (ID-DOH and WA-DOH)

HL7 ELRs

HL7 ELRs (CSV from VA)

HL7 Out of State (ID-DOH) ELRs & PHILIP, LIMSi

HL7 (TB, NMI)

ELR Converter

Out of State ELRs rerouted (to ID-DOH)

CDC - ORION+ Health