

THE RIGHT PARTNER FOR MIGRATING TO A MORE SUITABLE INTERFACE ENGINE

By Galen Healthcare Solutions

ENLOE MEDICAL CENTER - FAST FACTS

- 298 → Beds
- 1,956 → Employees
- 179 → Affiliated Physicians
- 100 → Existing Interfaces
- 13 → New Planned Interfaces
- 37 → Systems Interoperated
- 45 → Engine Uptime (days)
- 87M → Messages Processed

ENLOE'S MEDITECH STATS

- 5,500 → Demographics/day
- 2,000 → Orders/day
- 1,500 → Lab results/day
- 5,000 → Pharmacy orders/day
- 4,000 → Reports/day

ENLOE BACKGROUND

Enloe Medical Center offers comprehensive health services to the citizens of California's North Valley. With an acute care general hospital in Chico, the medical center includes a regional level II trauma center, an air ambulance service, and heart, stroke, birthing, rehabilitation, and surgical specialty units. Enloe Medical Center also operates urgent care facilities, a rehabilitation center, and a behavioral health center, as well as community outpatient clinics for cancer care and children's health. Operating as an independent, not-for-profit organization governed by a board of trustees consisting of community volunteers, Enloe is one of the few locally-governed California hospitals, making it possible for earning to be reinvested to improve the health of the community.

SUMMARY

Modern healthcare interface engines are the central hub of clinical and financial transaction interoperability within the enterprise, also capable of supporting mission-critical applications. As Enloe Medical Center leadership evaluated implementation projects in their development queue, they realized that those projects would be placing significant new demands on their Oracle JCAPS engine. They decided they needed a different interface engine, one better suited to the hospital's long-term IT goals. Before migrating to a new engine, Enloe looked for one that would be easier to use, with an innovative architecture, a short learning and implementation curve, and ultimately, a lower total cost of ownership. After carefully evaluating its options, Enloe selected the Orion Rhapsody interface engine.

PROVEN RESULTS

Migrating years of development investment can be a daunting challenge and Enloe wanted a partner with comprehensive experience in healthcare interoperability to provide migration architectural and implementation guidance. Given the complexity and customized nature of most integration environments, there can be no automatic or generic migration

between interface engines. Enloe needed a migration manager with a proven track record, extensive expertise and a confirmed methodology to facilitate the migration from JCAPS to Rhapsody. Galen Healthcare Solutions had already been retained to conduct initial Rhapsody training. While its team was on-location Galen developed a complete set of recommendations governing existing interface configurations, architecture, implementation conventions, as well as operations and support procedures – in short a blueprint for the migration from end to end.

GALEN'S MIGRATION PROCESS

1. Review and document existing integration and workflow.

Capture business requirements, filtering and logic.

2. Assess, analyze and gather existing interfaces and transactions.

Identify objects and principles that directly translate to the new interface engine paradigm.

3. Design and develop interfaces based on requirements.

4. Validate and test regression.

Setup parallel feeds, validating interface output by a "diff."

Target application content and workflow validation.

5. Go-Live

Ensure connectivity (firewall) between source and target applications.

"Cut-over" to the new interface.

Working under the guidance of the Enloe integration manager, Galen designed, developed, tested and migrated 20+ interfaces, with exchanges between 15 different vendors/ applications, and with transaction sets including ADT, ORU, ORM, PDF, flat-file, DFT, RDE, BAR and MDM. In addition, Galen guided Enloe through an upgrade of the Rhapsody engine from version 5.2 to the latest version, 5.5.4. One year into the project, the interface engine migration is now 85% complete, with an anticipated finish in two months.

“ With our choice to migrate from the Oracle JCAPs interface engine to the Orion Rhapsody interface engine, our team was given a very aggressive timeline to complete the complex migration in addition to ongoing new integration initiatives and change requests. We were introduced to Galen as they performed our initial Rhapsody on-site training. With a need for supplemental migration assistance, we engaged additional expertise from Galen. We continue to have very positive experiences with Galen and are very pleased with the guidance, expertise and collaboration they bring to bear as a trusted partner. ”

- Scott Hill, Integration Manager, Enloe Medical Center

GOING FORWARD

The Rhapsody interface engine has proven to be flexible, allowing Enloe to quickly implement changes to existing integrations, better monitor message transactions, and measure performance benefits. Enloe continues to identify opportunities to leverage the Rhapsody platform to provide innovation within the organization with a dozen new interface initiatives in the pipeline including notes, health summaries and visit summaries to ChartMaxx, PICIS billing, Lab to Coag clinic and Pathology results to Aria.