Leading US Laboratory

An application for Integrated Result Information System

Case Study

The Challenge

- Difficulty in managing the legacy applications obtained after acquisitions of various laboratories.
- Increased Maintenance Costs.
- Lacked unified customer experience under one brand for accessioners, lab technicians, and pathologists.
- Required more manual intervention
- Difficulty in sharing data across systems.
- Took more time to launch new products.

Our Solutions

- Role-based Access Privileges.
- Integration with CRM to pull in hospitals and patient information.
- Provision to electronically sign the test results.
- Improved capability to manage order entries and new accessions.
- Gave lab technicians/pathologists the facility to perform analysis and provide technical and professional results.
- Employed standard data exchange format.
- Designed and Developed Enterprise Application using Oracle SOA Architecture.

Outcomes

- Integrated Unified Resulting system.
- Gave one-point access to laboratory staff & pathologists.
- Enabled flexible architecture and Service
- Increased reusability resulting in quicker development of product lines.
- Standardized laboratory workflow.

Implementation Highlights:

- 200+ User Interface
- 1 TB of Data Volume
- 1,000+ Concurrent Users
- 30,000 User Base
- Integration with 6 External Vendors

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