Y&L Healthcare & Pharma

Healthcare strategies and technologies that reduce costs and enable the organization to bring new operating models to scale while leveraging financial and clinical information to drive performance and quality are in high demand. Healthcare stands to derive the greatest benefit from digitally capturing, storing and harvesting patient data. Data analytics can be used to uncover opportunities within medical, nursing, pharmaceutical and administrative processes to cut costs, accelerate workflows, and improve care.

However, healthcare organizations are confronted with a myriad of challenges, such as:
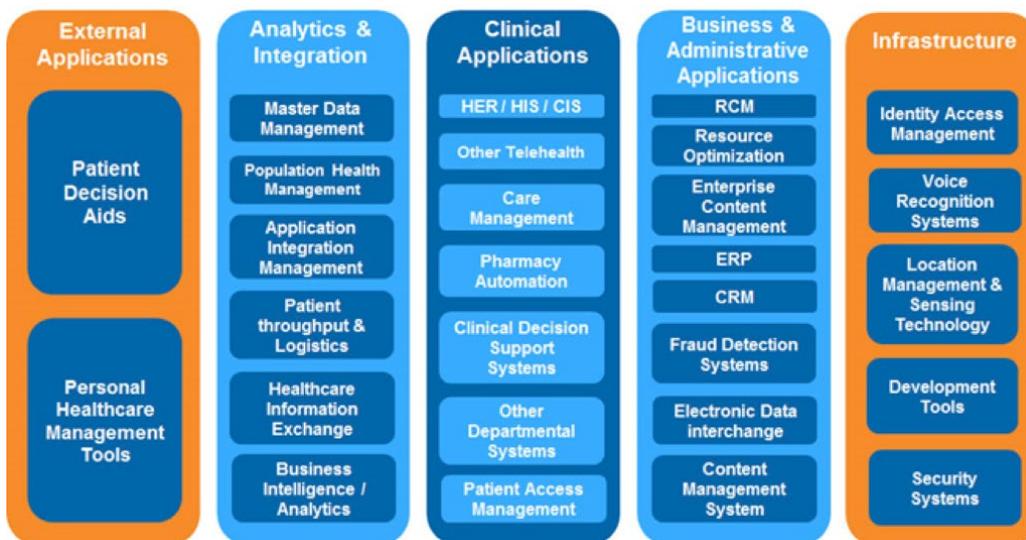
- The role of government in healthcare
- Making healthcare delivery more personalized, precise, outcome-driven and integrated
- Allowing patients access to their information via automation
- Growing healthcare needs from an aging public, insurance/payer expectations, more patient care choices

Healthcare Provider IT Operational Diagram

The healthcare provider market leverages a wide array of technical solutions for improving key operational areas and the interconnectivity between those areas.

These technical solutions handle business needs such as managing corporate and institutional administration as well as impacting revenue cycle by providing core care and ancillary care delivery.

In the past, healthcare IT systems and applications were primarily centered around the operational needs of the organization. Today, IT systems are integral in expediting patient paperwork, administering patient care, monitoring patient progress, sending alerts to care-givers and providing treatment insight. As for the future, advancements in digital communication tools, IoT devices and remote monitoring technologies, will allow for virtual home care – resulting in lower patient costs and improving their quality of life.

Y&L Healthcare Services

- Medical Documents Management
- Patient Records Management
- Health Information Technology Services (HIT)
- eMAR System Solutions
- Invoicing and Payment Management
- Medical Coding Solutions
- e-Claims Processing (HAAD)
- Contract Schemes Localization
- Patient Management
- Patient Accounting
- HCM & Payroll
- Finance and Controlling
- Appointment planning, bed scheduling, waiting list
- Inpatient and outpatient tracking
- Discharge process
- Meal ordering and diet management
- POS systems for Pharmacy and Commercial areas
- Analytics & Data Science
- Patient Dashboard Development

External Applications
- Patient Decision Aids
- Personal Healthcare Management Tools

Analytics & Integration
- Master Data Management
- Population Health Management
- Application Integration Management
- Patient throughput & Logistics
- Healthcare Information Exchange
- Business Intelligence / Analytics

Clinical Applications
- HER / HIS / CIS
- Other Telehealth
- Care Management
- Pharmacy Automation
- Clinical Decision Support Systems
- Other Departmental Systems
- Patient Access Management

Business & Administrative Applications
- RCM
- Resource Optimization
- Enterprise Content Management
- ERP
- CRM
- Fraud Detection Systems
- Electronic Data interchange
- Content Management System

Infrastructure
- Identity Access Management
- Voice Recognition Systems
- Location Management & Sensing Technology
- Development Tools
- Security Systems

Y&L Pharma Services

- ASC 606 EDM Solution
- PharmaOne SAP ERP Implementation
- CSV Compliance Services
- GxP Risk Assessment & Control Migration
- 21 CFR Part II Analytics and Remediation
- Automated Data Query Application
- Electronic Health Record QA Testing
- Pharma Collections Management Integration
- 340B Processing Automation
- Pharma ETL Claims and Rebate Application

Standard Services

- Application development, QA and Maintenance
- Help Desk & Infrastructure Solutions
- Analytics & Data Science Services
- Dashboard and Report Generation
- Mobile App Development
- Digital Transformation Strategies
- Digital and Social Media
- Enterprise Data Management/Governance

Technology in Healthcare

Advancements in IT provide real-time access to relevant information at the point of care, captures the information exchange between patients and care providers, and establishes full visibility of operational support.

- Enable a personalized healthcare experience with integrated patient access, billing, and clinical records.
- Collaborate with patients and providers to manage patient recovery outside of a hospital setting.
- Use advanced analytic applications to drive insights for better outcomes and research.
- Gain forward-looking, organization-wide insight from automated, real-time financial analytics.
- Streamline procurement processes to drive compliance and control while reducing costs and risks.

SAP in Pharma

Based upon extensive experience, Y&L has developed a pre-configured Rapid Deployment Solution (RDS) for SAP Pharma based upon our industry best practices.

PharmaOne is a comprehensive, prepackaged *SAP Business All-in-One ERP* solution designed to improve operational efficiency, increase employee productivity, and respond to market demands with agility.
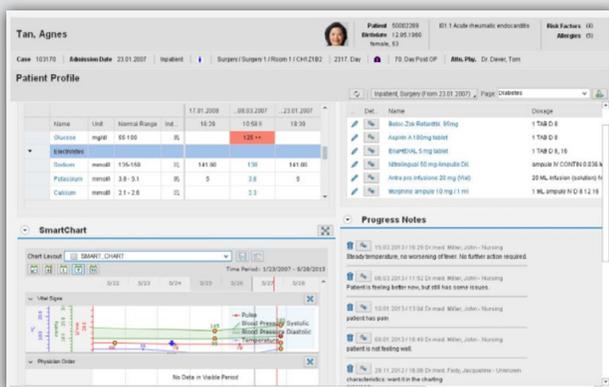
- Adherence to FDA compliance
- Track and manage plant-wide data
- Tight integration with finance and improved cost visibility
- FIFO-FEFO batch determination, shelf life monitoring, traceability and Electronic Batch Record
- 102 GxP built-in controls

Patient Dashboard Development

Put all patient information at the physician's fingertips through the development of patient dashboards. Y&L's Analytics & Data Science specialists are experts in harnessing and massaging raw data to present clear and actionable data through dashboard development.

- Vital Signs
- Medications
- Lab Results
- Progress Notes
- Clinical Orders

About Y&L Consulting

With Y&L's deep understanding of the healthcare and pharma industries, organizations like yours benefit from our experience in delivering operational efficiencies, risk reduction, and improved customer service through developing and deploying market-specific technical solutions, data analytics and dashboard development, patient data management and governance and much more. Y&L delivers best-in-class technology, consulting services and insights for healthcare and pharma organizations nationwide.

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