
Overview of the Insystech Health Analytics Team Capabilities

Our health analytics team has over 25 years of combined experience implementing health care solutions. They have led a number of major IT projects such as configuring systems for new hospitals, implementing health information system upgrades, developing HL7 messaging/integration and implementing enterprise content management and business intelligence solutions.

Our team has extensive experience in working in both Providers and Payers Information Systems and in working with State/Provincial Health Agencies. We have expertise in several health information platforms including Allscripts and Meditech; experience with leading integration platforms including Informatica and Microsoft BizTalk; experience with leading business intelligence platforms including Oracle OBIEE, IBM Cognos and Microsoft SharePoint; and experience with leading data warehouse platforms including Microsoft SQL Server and Oracle Database Server.

The team can provide the following **consulting services** to augment existing teams or to perform turn-key solution development for State/Province Health Agencies, local Hospitals/Health Care Providers and Payers:

- Enterprise Architecture
- Solution/Technical Architecture
- Enterprise Business Systems Analysis, Business Process Re-Engineering
- Enterprise Business Analytics/Intelligence Systems, including Clinical, Employer and Payer Analytics
- Health Information Systems Application Support/Management
- Custom Application Development and Support
- EMR Adoption planning, implementation and post implementation support
- Clinical Applications Product Support (L1, L2)
- Hospital Information Systems (HIS)
- Patient and Provider Portals Development and Support
- Revenue Cycle Management
- Electronic Health Record Integration (HL7) across a wide variety of integration platforms
- Interface Development and Testing using Web Services, SOA
- Core Claims Adjudication Systems Development and Maintenance
- Provider Contract Management; Provider Credentialing
- HIPAA X12 Transactions Development and Support
- Enrollment and Billing; Utilization Management Application Maintenance and Support
- Payer Portals Development and Support
- Health Care Enterprise Content Management

We can definitely help you to Save time and money without sacrificing quality by choosing our health analytics team for your next health care project! Be it on-site, out-sourced, or blended model, which-ever works for you, we can scale up to 100s of resources in the model of your choice. Our team members are recognized as experts in their field; ready to lead complex implementations and deliver sustainable technical solutions.

Past Experience

The Insystech Health Analytics Team has successfully designed, developed, deployed and managed several IT solutions and business processes for health organizations. Over time we have grown into a provider of both services and solutions and have established a growing network of relationships with health agencies in many areas of the United States and Canada. What distinguishes Insystech from its many competitors is the quality of its management, staff and resource bank of senior consultants; along with the methodologies utilized to achieve high standards of quality service. Since its inception in 1997, Insystech has achieved consistent repeat business (80%) from our customers.

The following are examples of specialized Healthcare Domain work performed by Insystech's Health Analytics Team Members and show the depth and quality of experience the team has in this domain.

Application Development

Project Title:	Claims Connect
Customer Organization:	Kaiser Permanente
Period of Performance:	December 2012-February 2013
Project Scope:	Implement an enterprise wide medical claims processing system for Kaiser Permanente
Objective:	Develop a QA strategy for the project
Solution:	Assisted client in developing QA strategy
Technology/Products:	Dell Xcelys, MS Project

Project Title:	Shield Advance
Customer Organization:	Blue Shield of California
Period of Performance:	December 2008- Current
Project Scope:	Implement an enterprise benefit administration system
Objective:	Stand up a new QA team to support the Shield Advance program, including organization design, hiring, training, methodology and process development.
Solution:	Defined, hired and trained a team of 60 FTE.
Technology/Products:	TriZetto Facets, HP Quality Center, Oracle DB, Citrix, HP QTP, SQL

Project Title:	Medicare Part D System Upgrade
Customer Organization:	CVS Caremark
Period of Performance:	December 2011-January 2013
Project Scope:	Upgrade and expand the Medicare Part D administration system used by CVS Caremark
Objective:	Requirements gathering and business analysis for the project. Define QA strategy and test plans Define Release Management and Change Management/Deployment plans and implement them
Solution:	Requirements definition completed in Summer 2012. Phase 1 launched Fall 2012 and Phase 2 launch completed Winter 2012.
Technology/Products:	SQL, Citrix, CVS legacy systems, TriZetto Facets

Business Analytics

Project Title:	Workload Measurement Analysis
Customer Organization:	River Valley Health
Period of Performance:	September 2008 – December 2009
Project Scope:	Decision Support Department Employees
Objective:	To implement an ad-hoc reporting and analysis solution with drill-down capability that can be used to streamline operations and discover opportunities relating to nursing workload and patient outcomes.
Solution:	Design, developed and deployed Dimensional Insights (DI) business intelligence solution to analyze workload key performance indicators for nursing units. The team developed NPR data extracts using the Meditech health information and implemented a process to collect, transform and load the data into the models used by DI. Deploy DI components (client server and web) to decision support team responsible for research, analysis and reporting.
Technology/Products:	Meditech NPR, SQL Server, Dimensional Insight Pro Diver, .NET

Project Title:	Common Process Single System (CPSS)
Customer Organization:	Cambia Health Solutions
Period of Performance:	August 2005 – December 2012
Project Scope:	Reengineer and standardize business processes across the four state operations of Cambia. Implement a new enterprise administration system to support the new businesses processes.
Objective:	<ul style="list-style-type: none"> • Support Business Process Reengineering using Rapid Prototyping and Conference Room Pilots • QA Strategy and Testing to support implementation and conversion to new processes and systems • Analytical support of key business processes and KPIs to facilitate process optimization • Development support for specific EDI upgrades
Solution:	Requirements definition completed in Summer 2012. Phase 1 launched Fall 2012 and Phase 2 launch completed Winter 2012.
Technology/Products:	SQL, Citrix, CVS legacy systems, TriZetto Facets

Integration

Project Title:	One Patient One Record – HIS Integration
Customer Organization:	New Brunswick Department of Health
Period of Performance:	April 2009 – Mar 2012
Project Scope:	State Health Integration Initiative
Objective:	Integrate hospital information systems data with provincial records to provide ongoing health care record of medical status and care delivery history that is available to authorized health care providers and to the individual, at any time, and from any location.
Solution:	Using Microsoft BizTalk and Summit Integration software, team members participated in the design, development and implementation of HL7 interfaces between with local health information systems (Meditech) and a provincial integration engine to create an iEHR (Integrated Electronic

	Health Record). This included HIS interfaces to transmit Laboratory, Pharmacy, Radiology, and Admissions records electronically in real-time to a provincial data store where they are further integrated with electronic patient records from other Hospitals and Health Care Providers.
Technology/Products:	Meditech NPR, SQL Server, Biz Talk Server, Summit Integration, HL7, Agfa PACS, Purkinje

Enterprise Content Management

Project Title:	Common Health Intranet Portal
Customer Organization:	Horizon Health Network, Vitalite Health Network
Period of Performance:	Nov 2010 – Jan 2012
Project Scope:	Provincial/State Health Portal Initiative
Objective:	This project's mandate was to launch new organizational intranets for Horizon Health Network, Vitalité Health Network, and FacilicorpNB. The solution for each organization that enables and works towards long term objectives including: be the vehicle for communications to all employees; be a tool that will change the way employees do their job; Provide access to information regardless of geography; Be centrally managed but not centrally controlled; Deliver ease of use experience; Be built on a platform that supports long-term growth; Meet common and organizational level needs; Utilize a common infrastructure, platform (SharePoint 2010) and standard tools and solutions to deliver each intranet; Define a common set of administrative policies and standards to govern on-going publication and future development of the intranet solutions; Establish operational teams within the business and IT to oversee and maintain the sites and future development; and Establish tools and techniques to monitor end-user use and satisfaction.
Solution:	Working with a large team, the analytics team members led the technical architecture, design, implementation and support of a provincial common health intranet portal for the Province of New Brunswick serving over 25,000 users. The portal was developed using Microsoft SharePoint 2010 and SQL Server 2008 to deliver web content management functionality such as news, calendars, forms management, policy and procedure management, bulletin boards, and enterprise search; collaboration functionality such as project, workgroup, committee and department sites; and custom applications such as electronic paystubs and job postings.
Technology/Products:	Microsoft SharePoint 2010, Microsoft SharePoint 2007, SQL Server 2008, ASP.NET, C#, Microsoft Office, jQuery, UX Design.

Contact

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