

# Health Data Insights for Better Outcomes

## NEXT GENERATION TECHNOLOGY



INTEGRATED WAREHOUSE



REPORTING SYSTEMS



DATA VISUALIZATION



PREDICTIVE ANALYTICS

**DataInsights** - a high performance Enterprise Data Warehousing and Analytics Solution to improve operational efficiency, optimize infrastructure investments and quality of care.

## A PARADIGM SHIFT IN CLINICAL DATA WAREHOUSING

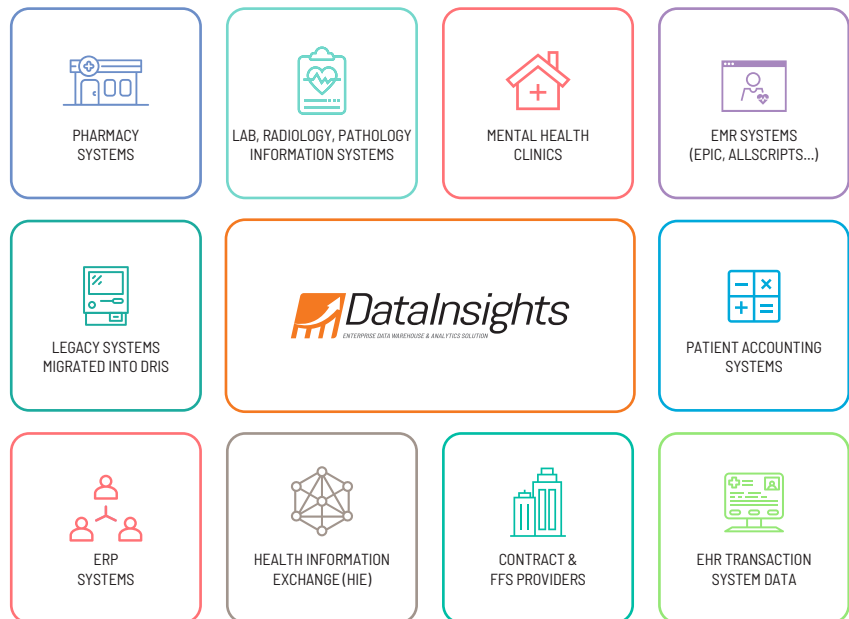
An Enterprise Data Warehouse (EDW) solution is a critical part of the CIO's strategic plan and vision to improve the quality of care, operational efficiency, and organizational efficiency. An ideal EDW solution is one that captures information from a wide-ranging set of data sources and is compatible with all data exchange standards.

Powered by CITI Healthcare, **DataInsights** is an integrated, centralized data repository that captures and maintains all critical clinical and administrative data from customer and related agencies. A highly sophisticated and easy to use dashboard and reporting system, makes it easy to make critical decisions when it matters most.

## KEY BENEFITS

- Identify trends and take proactive decisions
- Easy to implement and use
- Get accurate predictions about future trends
- Enterprise-wide link to diverse data sources
- Data generated can be used for research
- Standardized data structure and definitions
- Capture and integrate data from all systems
- Integrate with data exchange partners
- Customer-wide resource tracking support

## Capture and Integration Capabilities



*Figure 1: DataInsights can leverage customer's existing data exchange standards and standard transactions to ensure compatibility with customer and other agencies as needed.*

## REPORTING REDEFINED

**Dashboards** with key clinical outcomes such as diabetes analysis, bed occupancy, length of stay, outpatient vs. inpatient, average wait time by departments, ward administration, medicine management, infection controls, etc.

**Trend analyses** such as outpatient vs. inpatient, monitoring infectious disease; prescribing antibiotics, medication adoption, patterns and adherence; track and manage symptom burden; hospital-acquired infections, predictions on heart disease, cancer progression etc.

**Financial analyses** such as claims tracking, revenue analysis, on-going costs and invoicing information.

**Key performance measurement** of contracted providers, staff providers and team members

**Analytic tools** with exception reporting such as, duplicate consumers, outliers and other data points to identify data quality problems.

## INTEGRATION CAPABILITY

Integrated with some of the external data exchange partners including but not limited to:

- 1 County, federal administrative systems
- 2 State and other eligibility systems
- 3 State and federal claims processing
- 4 Federal block grant
- 5 IHS and other federal agencies

## WHY DATAINSIGHTS

DataInsights standardizes data from different sources to enhance the confidence of stakeholders in its accuracy and consistency. It facilitates business users to quickly access data from multiple sources with little or no support from your IT department. It has a self-service architecture to support a web access to raw data sets, queries, and standard reports dashboards and analytics platform.

### Predictive Analytics For Better Outcomes

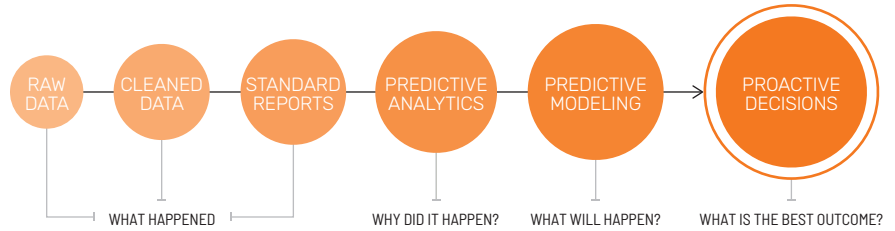
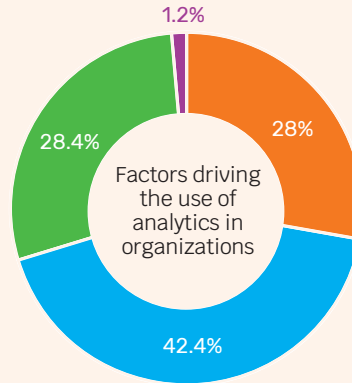


Figure 2: DataInsights can help you attain Analytics Maturity and give your organization a competitive edge.

### Analytics: Driving Healthcare Forward



- Desire to create better clinical outcomes
- Desire to improve business efficiency and reduce costs
- Federal healthcare mandates such as HIPAA
- Patient demand for more self-management tools

Source: SearchHealthIT.com's business intelligence survey

### Discover High Performance Analytics

Call Us Today At (703) 483-4316 for a free demo and consultation by our experts.



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**About CITI:** Established in 1996, headquartered in Falls Church, Virginia, and have offices located throughout the United States, Europe, South Asia, and Canada. CITI is a diverse organization filled with talented IT and certified business professionals. We are ISO 9001:2015, ISO 20000-1:2011, ISO 27001:2013 and CMMI-DEV Maturity Level 4 certified. As a Microsoft Gold Partner, we specialize in the creative use of agile methods and emerging technologies. CITI Healthcare's solutions and services enable organizations to enhance operational efficiencies and streamline processes while meeting regulatory compliance. CITI's team of healthcare and IT experts empower providers and payers to deliver quality, connected, patient-centric care more efficiently and cost effectively.