![DataInsights - Enterprise Data Warehouse & Analytics Solution](logo)

Health Data Insights for Better Outcomes

NEXT GENERATION TECHNOLOGY

INTEGRATED WAREHOUSE

REPORTING SYSTEMS

DATA VISUALIZATION

PREDICTIVE ANALYTICS

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

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

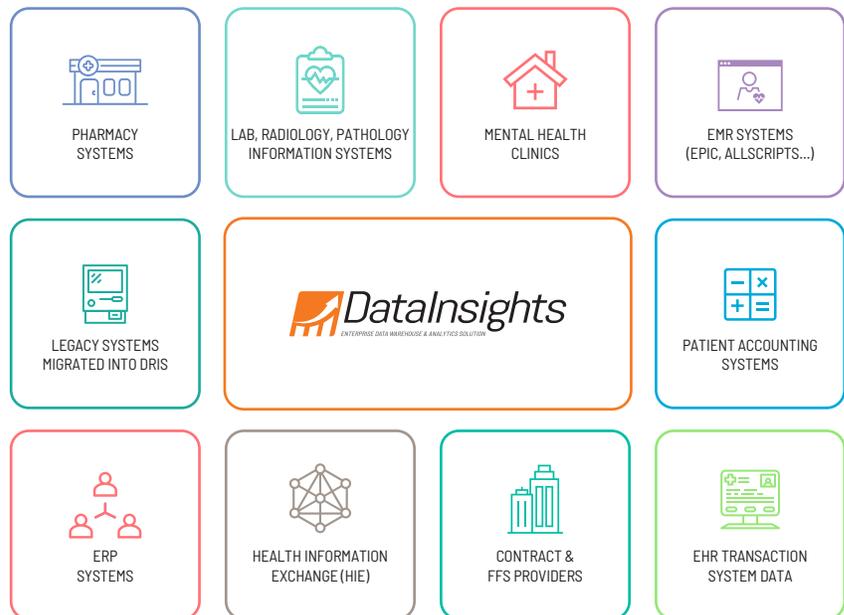### A PARADIGM SHIFT IN CLINICAL DATA WAREHOUSING

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.

Capture and Integration Capabilities

PHARMACY SYSTEMS

LAB, RADIOLOGY, PATHOLOGY INFORMATION SYSTEMS

MENTAL HEALTH CLINICS

EMR SYSTEMS (EPIC, ALLSCRIPTS...)

LEGACY SYSTEMS MIGRATED INTO DRIS

DataInsights ENTERPRISE DATA WAREHOUSE & ANALYTICS SOLUTION

PATIENT ACCOUNTING SYSTEMS

ERP SYSTEMS

HEALTH INFORMATION EXCHANGE (HIE)

CONTRACT & FFS PROVIDERS

EHR TRANSACTION SYSTEM DATA

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
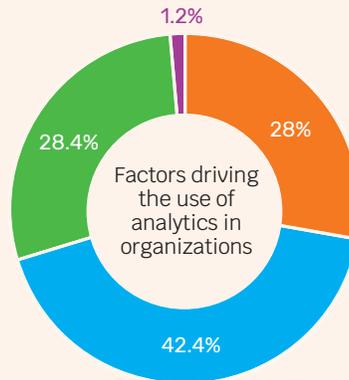
5 IHS and other federal agencies

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

RAW DATA — CLEANED DATA — STANDARD REPORTS — PREDICTIVE ANALYTICS — PREDICTIVE MODELING — PROACTIVE DECISIONS

WHAT HAPPENED   WHY DID IT HAPPEN?   WHAT WILL HAPPEN?   WHAT IS THE BEST OUTCOME?

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

Analytics: Driving Healthcare Forward

Factors driving the use of analytics in organizations

1.2%
28%
42.4%
28.4%

- 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.

DataInsights
ENTERPRISE DATA WAREHOUSE & ANALYTICS SOLUTION

CITI
CREATIVE IT, INC. HEALTHCARE

7799 Leesburg Pike, Suite 500 North
Falls Church, VA 22043

(703) 483-4316
www.citi-us.com | info@citi-us.com

About CITI: Headquartered in Falls Church, Virginia, and with offices throughout the greater Washington, D.C., area as well as in South Asia and Europe, CITI is a global and diversely talented confluence of business professionals working together to provide clients with real-world solutions for the healthcare, federal and commercial areas. With CITI Healthcare, healthcare organizations are enabled to enhance operational efficiencies and streamline processes while meeting regulatory compliance. CITI's team of healthcare and IT experts enable providers and payers to deliver quality, connected, patient-centric care more efficiently and cost effectively.