

Healthcare Informatics (HCI)



...where knowledge | generates solutions

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Managing healthcare information is a uniquely complex, sensitive undertaking with high demands for information availability, confidentiality and accuracy. The Kforce Government Solutions (KGS) Healthcare Informatics (HCI) team has a long track record of providing critical system support to its federal, state and local government clients where “zero defect” software is a mission requirement. HCI service offerings cover a broad range of healthcare technology solutions, including: Software Development, Medical Terminology Services and System and Database Management.



Software Development

KGS applies CMMI Level 3 compliant processes to ensure Healthcare software solutions are reliable and reflexive. Our team provides expertise in Healthcare development toolsets – such as MUMPS, Cache and Oracle. KGS understands its client’s requirements and is well-versed in HIPAA and Section 508 regulations.

Medical Terminology Services

KGS Medical Terminology Services provide better information to promote better decision making. Currently, KGS supports the US Department of Veterans Affairs (VA) with a highly skilled team of Medical Terminologists and Terminology Analysts that includes: physicians, developers, analysts, pharmacists, and informaticists. KGS’s focus on terminology standardization provides a foundation to computable, interoperable data sharing across any health care information infrastructure. KGS associates are fluent in clinical terminology systems such as ICD, CPT, HCPCS, SNOMED, UMLS, RXNORM, and LOINC.

System and Database Administration

KGS System and Database administration services build quality from the bottom up. KGS provides expertise in the design, development, implementation and maintenance of Oracle databases, data marts, and data warehouses. KGS is proficient with the implementation of disaster recovery systems – allowing for 24/7 operations of critical medical systems, ensuring an environment for better clinical, operational and financial health. In addition, KGS provides systems support for numerous enterprise systems and highly secure Web Portal systems to include UNIX, Linux and Solaris.

HCI SERVICES INCLUDE:

- Full Software Development Life-Cycle (SDLC) Services
- Software Engineering, Process Improvement
- MUMPS Development
- Customized Equipment Interfaces
- Enterprise Terminology Services
- Communication Support Services
- HIPAA /HITECH Compliance Testing
- Drug Testing Program Development/Support
- Healthcare Analytics
- Systems Architecture and Analysis
- Research Analysis
- Network Engineering
- System Administration
- Database Administration
- Independent Verification and Validation Testing

Unparalleled Recruiting Capabilities

A wholly-owned subsidiary of Kforce, Inc., a national publicly-held professional staffing firm, KGS offers unparalleled recruiting capabilities to meet the unique personnel requirements of government organizations. With priority access to over 1,900 staffing specialists operating in 63 offices across 41 markets in North America and 2 in the Philippines, no other government services firm can offer the recruiting speed and access to hard to find experts that KGS and Kforce can provide.

HCI Customer Examples

Veterans Affairs – VistA Contractor Services (VCS)

KGS provides IT maintenance services support for over 150 VA VistA applications, delivering full range System Development Lifecycle (SDLC) support services – including analysis, programming, database administration, testing, and program management.

DoD Forensic Toxicology Drug Testing Lab (FTDTL- IMS)

KGS developed and maintains the Drug Testing Program (DTP), a PC-based system used worldwide by more than 30,000 DoD units to conduct random drug testing. The KGS HCI team designed, implemented, and maintains the secure iFTDTL Web Portal used by over 7,500 global users for managing test data.

Healthcare EDI

KGS delivers expertise in medical translations, including proprietary VHA healthcare claims, HL7, NCPDP, and healthcare related ANSI X12 formatted files. KGS assists medical providers in processing more than 100,000 healthcare transactions each day.

The Data Confidence® Difference

Accurate, reliable data is essential for healthcare information management. It is necessary for making life-saving decisions as well as facilitating collaboration between providers.

Ultimately, how data is utilized plays a vital role in the delivery of healthcare in the United States. As traditional healthcare information management systems transition to electronic methods, the collection, maintenance and use of quality data to support information-sensitive and information-reliant healthcare systems becomes critical.

KGS provides solutions and services in each of four data management core processes: Architect, Assure, Share, and Govern to help clients meet mission objectives, reduce risk and minimize costs. Data Confidence solutions deliver actionable information and provide the measurable certainty that critical data is accurate, available, secure, and sharable for faster, better decision making.

<p>GOVERN</p> <ul style="list-style-type: none">• Establishing Accountability & Responsibility for Managing Data• Developing and Enforcing Data Policy• Facilitating Data Stewardship• Data Conversion and Migration Strategies• Governance Touchpoints in Critical Business and IT Management Processes	<p>ARCHITECT</p> <ul style="list-style-type: none">• Enterprise Vocabularies• Enterprise Conceptual and Logical Data Models• Comprehensive Business Glossary• Information Flow Models• Information Security Categorization• Data Service Models and Registry• Enterprise Strategic Data Plan• Data Architecture Transformation Planning and Execution• Master Data Management Artifacts
<p>ASSURE</p> <ul style="list-style-type: none">• Data Quality Assurance Program Support• Data Cleansing• Data Security Planning and Protections• Data Privacy Planning and Protections	<p>SHARE</p> <ul style="list-style-type: none">• Guidance to leverage sharing frameworks such as NIEM, NHIN and JC3IEDM• Information Exchange Packages and Mechanisms• Metadata Registries• Data Asset Repositories• Shared Data Services• Robust Predictive Analytics and Data Visualization Capabilities



2750 Prosperity Ave, Suite 300 | Fairfax, VA 22031

1-800-200-7465

www.kforcegov.com