



MANAGEMENT CONSULTING | IT SOLUTIONS |
LEARNING & DEVELOPMENT | CYBERSECURITY

COMPANY OVERVIEW

SBA 8(a) Certified

MDOT Certified (No. 19-602):

- Minority Business Enterprise (MBE)
- Disadvantaged Business Enterprise (DBE)
- Small Business Enterprise (SBE)

CONTRACT VEHICLES

- GSA MAS: 54151S, 54151HACS, 54151HEAL, 611420 & 611430
- 8(a) STARS III (Sub)

Facility Clearance: Secret

CORE COMPETENCIES:

Management Consulting

- Program & Project Management
- Grants Management
- Business Process Reengineering

IT Solutions

- Systems Engineering & Integration
- Operations & Maintenance
- Data Science: Analytics, Visualization & Engineering
- DevOps
- Low-Code / No-Code Development

Learning & Development

- Needs Analysis
- Instructional Design
- Coordination
- Instructor-led Facilitation
- eLearning
- LMS Implementation & Maintenance
- IT Certifications (CompTIA, Cisco & Microsoft)

Cybersecurity

- Cyber Advisory
- DevSecOps
- Cloud & Network Security
- Identity & Access Management
- Risk Management
- Assessment & Authorization
- Vulnerability & Risk Assessments
- Zero Trust
- Data Governance & Protection
- Governance, Risk & Compliance
- SIEM

TECHNOLOGY PARTNERS:



KEY CUSTOMERS:



CONTACT INFO:

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CAGE Code: 7WQT8 | UEI: FCTPQ24C37K3

NAICS Codes: 518210, 541330, 541511, 541512, 541513, 541519, 541611, 541613, 561311, 561320, 561410, 611420, 611430

Health IT Offerings



At Connsci, we pride ourselves on delivering unmatched programming expertise, meticulously tailored to the unique demands of the healthcare industry. Our team of seasoned professionals excels in developing, maintaining, and enhancing complex IT systems across a wide range of platforms and technologies in both the Federal and Commercial Sectors. Whether leveraging Oracle SQL for robust data management, crafting custom solutions within MEDITECH environments, or driving innovation through AI and agile development practices, Connsci is at the forefront of healthcare IT. Our unwavering commitment to quality, security, and interoperability ensures that our clients receive cutting-edge solutions that not only meet but exceed industry standards, empowering them to deliver superior patient care and achieve operational excellence.

HEALTH INFORMATICS



- Interdisciplinary field integrating IT, data science, and healthcare practices to improve the management and utilization of health information.
- Involves designing, developing, and implementing systems supporting clinical, administrative, and research activities.
- Encompasses domains such as EHRs, HIEs, telemedicine, CDSS, and public health informatics.
- Aims to enhance patient care quality, ensure timely data access, support informed decision-making, and streamline operations.
- Focuses on ensuring healthcare systems are efficient, secure, compliant, and capable of integrating new technologies.

HEALTH APPLICATION ANALYSIS



- Assesses healthcare software to ensure it meets user needs and regulatory standards.
- Analyzes functionality, usability, security, and interoperability across several applications in use at Walter Reed National Military Medical Center, Bethesda, MD.
- Detects inefficiencies or risks and recommends improvements.
- Works with healthcare professionals and IT teams to align applications with goals.
- Ensures applications enhance patient care and operational efficiency.
- Involved in the selection, implementation, and ongoing optimization of applications.
- Ensures applications remain compliant and adaptable to new technologies.

DATABASE MANAGEMENT AND PROGRAMMING EXPERTISE



- **Oracle SQL:** Advanced experience in designing, querying, and optimizing Oracle SQL databases, ensuring robust data management and retrieval for enterprise-level healthcare applications.
- **Cerner CCL (Cerner Command Language):** Proficient in developing custom queries and reports within Cerner Millennium, tailored to meet specific clinical and administrative needs in healthcare environments.
- **\$T (Terminal Language):** Expertise in utilizing \$T for scripting and automation within legacy healthcare systems, enabling seamless integration and process automation.
- **Magic (Existing Product and Client Server):** In-depth knowledge of MEDITECH's Magic platform, both in its legacy and client-server iterations, facilitating efficient system customization, troubleshooting, and performance optimization.
- **M/AT (MEDITECH Advanced Technology):** Specialized in custom programming within the MEDITECH M/AT environment, enhancing system functionality and user experience through tailored solutions.
- **SQL Programming:** Comprehensive skills in SQL programming across multiple platforms, with a focus on developing scalable, secure, and efficient database solutions.
- **SQL Server DBA Services:** Experienced in SQL Server administration, including database setup, maintenance, performance tuning, and disaster recovery strategies to ensure continuous operation of critical healthcare applications.
- **CACHE/MUMPS:** Proficiency in CACHE and MUMPS programming, essential for maintaining and enhancing legacy healthcare systems, particularly in environments requiring high reliability and data integrity.

APPLICATION DEVELOPMENT



- **Node.js:** Extensive experience (years of experience) in building RESTful APIs using Node.js, emphasizing quality, security, and interoperability. This includes architecting and developing backend services that support complex healthcare systems and applications.
- **RESTful APIs:** Skilled in developing and managing RESTful APIs to enable seamless integration between disparate healthcare systems, ensuring interoperability and data exchange in compliance with industry standards.
- **Full Stack Engineering:** Full stack engineers at Connsci are adept at architecting enterprise applications tailored for healthcare settings, with a deep understanding of both frontend and backend technologies, ensuring secure and efficient application performance.
- **Artificial Intelligence:** Expertise in integrating AI technologies into healthcare applications, enhancing decision-making processes, automating routine tasks, and improving patient outcomes through data-driven insights.
- **Agile Development:** Years of experience leading agile development teams responsible for supporting and enhancing cloud-native solutions, RESTful API Gateways, and development tools. Focused on delivering high-quality software that meets the evolving needs of healthcare providers and patients.

REPORT WRITING AND DATA EXTRACTION



- **Advanced Reporting:** Capable of developing advanced reports that aggregate data across multiple applications, providing comprehensive insights for decision-making in clinical and administrative contexts.
- **Custom Extracts:** Expertise in creating custom data extracts for specific use cases, including revenue forecasting, billing, clinical services, and more.
- **Revenue Forecasting:** Development of sophisticated revenue forecasting models based on claim submission data, insurance contracts, error rates, and payment timelines, helping healthcare providers optimize financial performance.
- **Complex Billing and Clinical Reports:** Creation of detailed reports and extracts, such as Accounts Receivable with aging buckets, Clinical Superbill, and service-specific reports like Coumadin management and sepsis tracking.
- **Exception and Labor Reports:** Development of exception reports for identifying anomalies and labor reports to track workforce metrics, ensuring operational efficiency.
- **Operating Room Metrics:** Customized reporting on operating room utilization and performance, aiding in resource management and efficiency improvements.

CUSTOM PROGRAMMING



- **Dashboards and Panels:** Creation of custom dashboards (e.g., CPOE, admission referrals, PHA) and panels in PCI, providing real-time insights and enhancing user interaction with healthcare data.
- **Integration/APIs:** Expertise in developing and integrating APIs to force billing and coding requirements at the frontend, ensuring data completeness and accuracy from the point of entry.
- **Front-End Process Enforcement:** Implementation of processes that enforce certification codes for doctors and ensure coding completeness, reducing errors and enhancing compliance.
- **Disaster Recovery Solutions:** Development of solutions to retrieve data after a backup failure, ensuring continuity and data integrity.
- **Public Health Solutions:** Developed a bed capacity API for the New York Department of Health, enabling real-time analysis of bed capacity during surge events.

PRORATION RULES



- **Custom Proration Rules:** Development of simple to complex proration rules, including recent work on CMS 7050, to ensure accurate allocation of costs and resources in compliance with regulatory requirements.

INTEROPERABILITY



- **eCQM Programming:** Skilled in eCQM (electronic Clinical Quality Measures) programming, ensuring compliance with regulatory standards and improving quality reporting.
- **MIPS and PI Measures:** Proficiency in developing solutions for MIPS (Merit-based Incentive Payment System) and PI (Promoting Interoperability) measures, helping healthcare providers meet quality and performance benchmarks.

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