CAPABILITIES STATEMENT

GigaTECH™
Creative Solutions for a Complex World

At GigaTECH, we are a U.S.-based Service-Disabled Veteran-Owned Small Business (SDVOSB) specializing in Healthcare IT. Our expertise lies in turnkey software integration using HL7®/FHIR® to facilitate the timely exchange of information between payers, providers, and patients. We also provide clinical decision support (CDS) and quality measures, agnostic to proprietary systems and data.

At GigaTECH, we engage the healthcare payer and provider leaders to tackle the challenge of improving member experiences, reducing clinician burden, and leveraging clinical informatics, all while meeting regulatory requirements by embracing FHIR® through innovative applications and technologies.

Why Choose GigaTECH As Your Trusted Partner?

- Over A Decade Of HL7®/FHIR® Experience With Government & US-Based Healthcare Ecosystems.
- Proven Integrations That Utilize Modern DevSecOps Tactics, Extensive Automation & FHIR®-First Objectives.
- Cost-Saving Solutions That Adhere To Government Mandates For Healthcare Interoperability.
- A Seamless Workflow That Enables Integration And Trains Your Technical Staff In FHIR® Proficiencies.

SYSTEMS & SOFTWARE ENGINEERING CAPABILITIES:

- Maximizing Automation Utilizing CI/CD Practices
- DevSecOps Pipeline Delivering Security, Compliance & Risk Management
- User-Centered Design Principles & Product-Thinking
- Environment Creation (Infrastructure as Code (IaC))
- 508 Enablement
- Automated User Feedback Loops
- Cloud Native Solutions
- Metrics (Data) Based Decisions
- Digital Modernization

IT SERVICES:

- Application Administration & Support
- Asset Management
- Managed IT Services
- Database Administration
- Call Center Support
- Hardware & Software Support
- Mobile Device Management
- VPN Client Management
- Service Availability Monitoring
- Cloud Migration Services
- Cybersecurity

PROJECT MANAGEMENT AND ANALYSIS SERVICES INCLUDE:

- Lean/Agile Contract Execution
- Business Needs Assessment
- Data-Driven Assessments & Analytics
- Business Process Reengineering (BPR)
- Analysis of Alternatives (AoA)
- Financial Management
- Quality Management
- Knowledge Management, Collaboration & Synchronization
- Enterprise Architecture
- Organizational Change Management (OCM)
- Enabling New Markets To Capitalize on Digital Innovation

HEALTHCARE INTEROPERABILITY SERVICES INCLUDE:

- HL-7v2, FHIR®, Standards Interoperability
- Healthcare IT Informatics
- Seamless Information Interchange Utilizing FHIR® Standards
- Robust Tools & Technologies Integrating Data For The Healthcare Ecosystem
- Harmonizing Data While Streamlining Healthcare Workflows
- FHIR®-First Approach to Applications Development
- Universal Healthcare Information Exchange, Agnostic to Proprietary Data, Systems & Hosting Environments
- Hands-On Training for Technical Staff on FHIR®-First Implementation Frameworks

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OUR FHIR® SOLUTIONS

At GigaTECH, we have established a clinical Healthcare IT practice employing informatics and interoperability of data standards such as HL-7 v 2, FHIR®, and CTS to support RESTful design and DevSecOps automation. The GigaTECH Agile Methodology (GAMe) Playbook encompasses these core activities to ensure maximum value.

PROMETHEUS

THE PROMETHEUS ADVANTAGE

We are committed to transparent and honest communication, employing modern technical solutions, and delivering quality results without the risk of vendor lock-in. Our proven FHIR® implementation toolkit follows industry best practices with an agnostic approach to data interoperability.

○ **DATA INTEROPERABILITY**
Our company is at the forefront of data interoperability. We specialize in facilitating seamless exchange of healthcare data between various systems. Our services enable the sharing of clinical, administrative, and financial data across different organizations, applications, platforms and devices. The result is better coordination of care and improved patient outcomes.

○ **MODERN TECHNOLOGY**
GigaTECH's FHIR®-first initiatives employ modern web-based technologies such as RESTful APIs, JSON, and XML, making adopting and integrating with existing systems easier. We leverage widely used standards and protocols, making it more developer-friendly and adaptable to various programming languages and platforms.
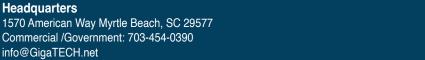
○ **STANDARDIZATION**
Applying a standardized approach to data representation and resource modeling in healthcare is paramount. We define a set of resources, data types, and interactions that can be used reliably across unrelated systems. This promotes consistency and reduces the complexity of data exchange and integration.

○ **PATIENT-CENTRIC CARE**
FHIR® empowers healthcare providers to deliver personalized care by enabling seamless sharing of patient records and other important data. Our FHIR®-based healthcare data interoperability solutions modernize EHR technology, reduce burden, and improve care coordination and patient access to health information.

○ **INNOVATION & APP DEVELOPMENT**
Our agile framework enables the development of innovative healthcare apps and tools. Building on existing systems and supporting new solutions for patient engagement, population health, and clinical decision support.

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