dexteritechsolutions
next-gen

11700 Old Georgetown Road | Suite 100-5
Bethesda, MD 20852 | 202.285.4748
Darryl Green, Managing Partner
proposals@dexteritech.com

DEXTERITECH SOLUTIONS NEXT-GEN, LLC

Led by CEO Darryl Green, who served in the military for 20 years as a Primary Nurse and within Healthcare IT, DTS is dedicated to the continued care and health of our veterans. We have improved veterans healthcare outcomes through applied technology services. Our performance relies upon proven processes, focus on customer out-comes, and the appropriate application of leading edge technology.

Collectively, we have developed new ways of achieving customer goals with advanced tools and systems that protect our veterans.
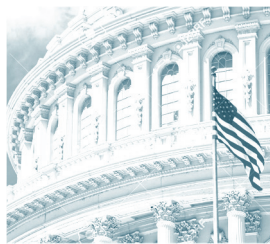
DexteriTech Solutions Next-Gen, LLC, a certified Service Disabled Veteran Owned Small Business (SDVOSB), is a Healthcare Information Technology company who has been dedicated to improving the healthcare technology and services of our country's service members and its veterans for over three decades.

Solving real-world challenges through innovation.

At DTS, the innovation never stops. The current landscape is constantly evolving, and our highly-skilled teams use cutting-edge technology to solve our customers' toughest challenges. We are relationship-driven and ever committed to helping the Department of Veterans Affairs achieve their mission by responding quickly and efficiently, and to making healthcare more readily accessible to our Veterans.

Core competencies that serve your mission.

CYBER SOLUTIONS	SOFTWARE DEVELOPMENT	IT MODERNIZATION	DATA ANALYTICS	NETWORK & CLOUD
• Continuous Diagnostics & Mitigation • Threat Modeling & Prevention • Incident Response • Threat Intelligence • RMF/ATO	• Enterprise Agile Processes • DevSecOps • CI/CD • Continuous Automation • Human Centered Design (HCD) • User Experience/Customer Experience (UX/CX)	• Infrastructure Support • Platform Services • EHR Modernization	• Data Architecture • Integration & Interoperability • Data Management • Data Science • Business Intelligence (BI) • Data Visualization • Machine Learning & AI	• Hybrid & Multi-Cloud Solutions • Migration • Performance Optimization • SaaS, PaaS, IaS

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
ISO 20000-1:2018 CERTIFIED
ISO 27001:2013 CERTIFIED

CMMI SVC/3℠
Exp. 2018-10-30 / Appraisal #24303

CMMI DEV/3℠
Exp. 2021-09-14 / Appraisal #30084

[100] BEST PLACES TO WORK in IT
2016-2020
INSIDER PRO | COMPUTERWORLD

Enterprise Agile Development. DTS' skilled technical teams work toward deploying IT software through the iterative pro-cess of Agile SAFe development. With this methodology, incremental and collaborative work sequences allow for the creation of an efficient product for all customers. DTS' Agile solutions improve the quality and delivery of software to enhance value to our cus-tomers such as Department of Veterans Affairs (VA), Defense Health Agency (DHA), U.S. Citizens and Immigration Services (USCIS), Federal Emergency Management Agency (FEMA), and Air Force Special Operations Command (AFSOC). By unifying the software development and software operation teams, DevOps creates dependability in coding, testing, and configuring products. These groups work side-by-side with customers to target evolving needs and regularly obtain feedback. By organizing into self-managing, cross-functional teams, development cycles are reduced, testing is automated, and products deliver tangible business value daily.

Case Study. As a prime contractor on the USCIS Outcome Based Delivery and DevOps Services II contract, DTS provides 16 high-performing DevOps teams that use agile and lean processes to deliver high-quality, innovative capabilities for the Electronic Immigration System (ELIS). DTS's DevOps Teams include Developers, Quality Assurance (QA) Engineers, Business Analysts (BAs), and User Interface (UI)/User Experience (UX) Designers. Business analysts collabo-rate closely with the government to develop user stories and acceptance criteria. DTS' use of Agile and lean as a prime contractor on the USCIS, Outcome-Based Delivery techniques including Kanban have facilitated communication between development teams and product owners to ensure top priorities are met rapidly.

The developers build off these requirements and go through code review, QA testing and automated testing to ensure quality and dependability. DTS technical leads implemented an open source first technical stack to reduce costs and increase software maintainability. We implemented more than 15 microservices which decreased deployment times and increased fault tolerance. Our certified AWS private cloud hosting and deployments have improved performance, availability, and security. ELIS enhancements are deployed daily to production with zerio downtime.

Key Benefits

High product quality—Automated unit & integration test coverage over 90%; daily product demos are used to deliver consistently defect free software

High customer satisfaction—90% of our 15-25 monthly deployments occur on weekdays, signifying efficiency and flexibility of our team and our ability to rapidly update software to meet emerging mission needs

Faster ROI—Faster response times to sudden market changes; shorter learning cycles; decreased costs

- **33% reduction in average lead time for applicants/petitioners**
- **429% increase in the average adjudication rate**

Enterprise Independent Validation and Verification Services. DTS has provided over 10 years of support to VA Office of Information and Technology (OIT) and Office of Electronic Health Record Modernization (OEHRM) navigating their future efforts as the VA continuously looks to modernizing their approach to IT. Through our collaborative partnership with VA, DTS has developed new processes, approaches, and shared testing environments to address changing requirements, systems and approaches within the VA IT portfolio. DTS currently provides a wide array of testing capabilities and expertise for applications and products regarding test entrance criteria, text execution, and test closeout/remediation. DTS has an in depth understanding of the previous VIP process and the current Scaled Agile Framework (SAFe). Our experience spans across various Testing requirements such as:

- Requirements Validation (RV) Testing
- Performance Testing
- Integration/Interoperability Testing
- Test Observation and Validation
- SCQC Scanning
- Patient Safety Issue Testing

- Section 508 Compliance Support
- Mobile and Portable Device Application
- Post-Prod. Independent Validation/Ops Assessment Support
- Exploratory Testing

Community Care and Health Information Exchange. DTS provides deployment and implementation support services to manage the electronic exchange of clinically relevant health information that can be shared securely between VA, other Federal, and non-Federal health information exchange partners. We have also implemented a Community Partner outreach, VA Medical Center and Veteran outreach, education and engagement, project coordination, project status analysis, shared data analytics, policy management, and reporting of Exchange and Direct issues at each of the 18 Veterans Integrated Service Net-works (VISNs) nationwide.

Training and Medical Simulation. DTS provides access to the most cutting-edge technologies emerging in medical simulation from virtual worlds to comput-er-based courses and medical gaming. DTS developed a portal that is a central repository for training scenarios, lesson plans, collaboration capabilities, and simulator training files for all VA personnel. DTS provides support by researching, creating, and managing content and customized applications where users can learn, collaborate, and explore. The portal is a highly technical system that delivers enterprise search, video broadcasting, video on-demand, FAS Ac-creditation, course calendars, class registration, help center, mandatory training, contracting, accreditation intakes, simulation training, communities of practice, and much more cutting-edge applications and tools.