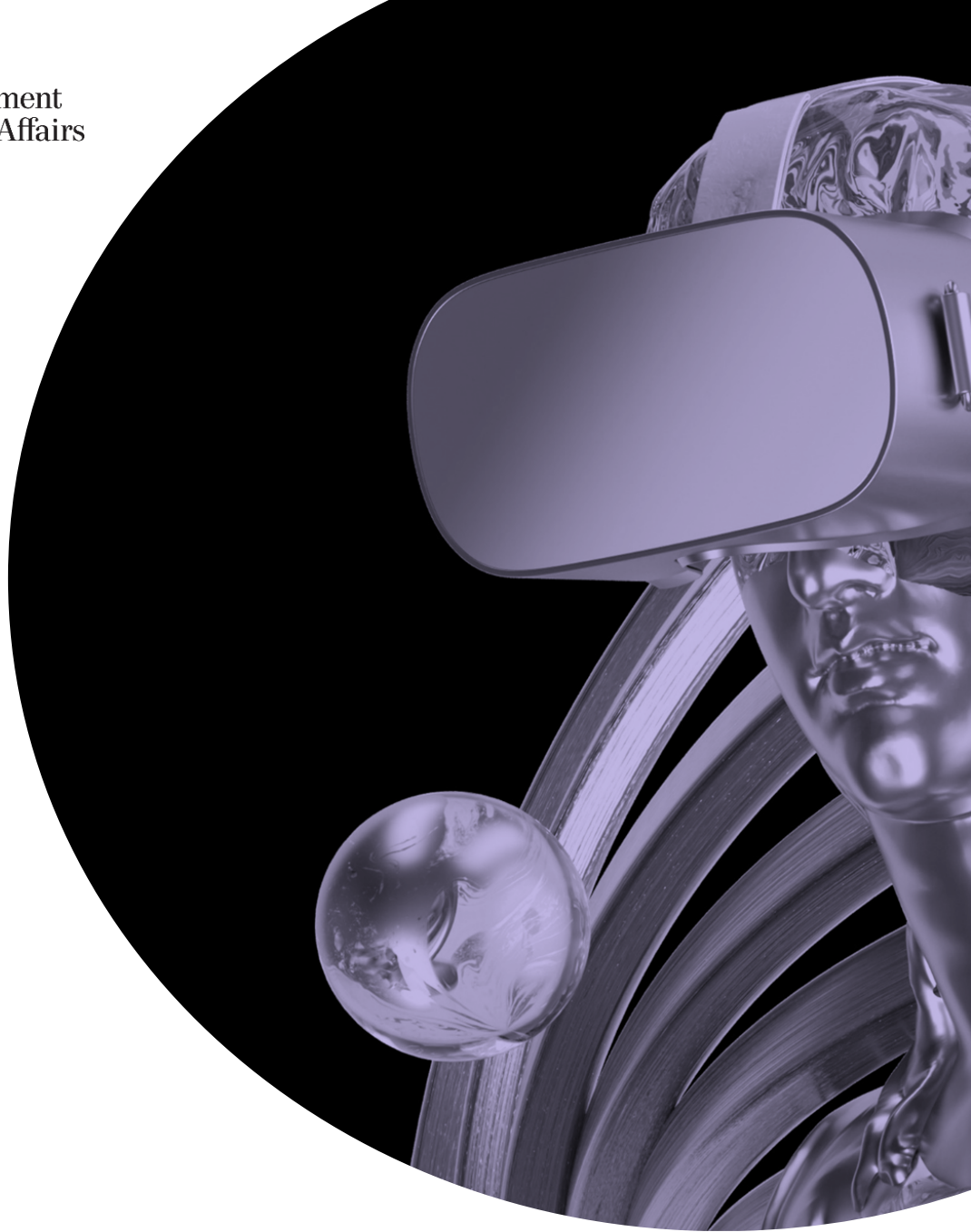


VA



U.S. Department
of Veterans Affairs



Accelerating VA Innovation and Learning (AVAIL) IDIQ

Teaming Partner Event Resource
February 2023

Deloitte.



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AVAIL IDIQ Overview

The Accelerating VA Innovation and Learning (AVAIL) IDIQ vehicle allows the Office of Healthcare Innovation and Learning (OHIL) to access to a wide array of contemporary technologies and expertise through which it seeks to improve clinical care delivery across the Veterans Health Administration (VHA).

OBJECTIVES



The goal of the AVAIL vehicle is to focus on transforming veteran healthcare through breakthrough innovative technologies, methodologies, and personalization.

Putting Veterans at the Center

Combine HCD and agile development to engage stakeholders throughout the innovation process to identify needs, shape requirements, and solicit feedback on elements of a solution's design.

Understanding Innovation

Understanding the risk and rewards inherent to innovation and using proven methodology of **Design** (i.e., *market analysis, ideation, solution proposal*); **Develop** (i.e., *perform experimental development and prototyping*); and **Test & Evaluate** (i.e., *analyze project results and outcomes*)

Shaping the Future of Health (FoH)

Understand trends and use enabling technology to transition care models and maintain a consumer centric personalized approach to prevention, disease management, and therapeutic Interventions.

Designing for Equity

Use equitable design to avoid the creation of solutions that could marginalize, exclude, or disadvantage minority or underrepresented communities and consider age, race, ethnicity, and gender into the design process.

CONTACT US



AVAIL MAILBOX
availidiq@deloitte.com

PATRICK LITTLEFIELD
Prog. Director
plittlefield@deloitte.com

MATT CACCAVALE
Technical Director
mcaccavale@deloitte.com

MARISA THOMAS
Program Manager
marisathomas@deloitte.com

AVAIL IDIQ Overview

OVERVIEW



Ceiling	\$650 million multi-award IDIQ, Full & Open 17 IDIQ Prime Holders
Ordering period	9/27/2022– 9/27/2027
Contract-types	FFP, T&M, LH hybrid
Task order-type structure	RFP response intervals: Standard (10 Day); Expedited (3 Day); Extended (30 Day) Required to respond to 50% of TOPRs each of the 5 years

SCOPE



The IDIQ task areas were defined in Task Categories (TC) and Task Groups (TG) to specialize and prioritize OHIL's innovation efforts.

TC 1: Innovation in Personalized Healthcare	TC 2: Innovation in Data Transformation
TG 1.1: Advanced Manufacturing in Healthcare	TG 2.1: Advanced Clinical Decision Support
TG 1.2: Precision Medicine	TG 2.2: Artificial Intelligence (AI) & Machine Learning (ML)
	TG 2.3: Synthetic Data
TC 3: Innovation in Digital Health	TC 4: Innovation in Immersive Technology: Extended Reality Solutions
TG 3.1: Digital Care Solutions	
TG 3.2: Application Program Interfaces (API) Solutions	
TG 3.3: Digital Twin Solutions	TC 5: Innovation in Care and Service Delivery



Ad Hoc

Our mission is to empower customers to deliver digital services that promote the general welfare. We see digital services as technology that enables effective interactions between organizations and the people they serve.

Before Ad Hoc led the transformation of VA.gov, the online experience for the public interacting with VA benefits and services was spread over multiple sites, each with its own design and login. Veterans described the process as confusing and felt overwhelmed by the need to understand VA's organizational structure to get things done. Ad Hoc worked with VA agencies to design, build, and launch the new VA.gov, with a consistent design and single sign-on for all Veteran benefits and services provided by VA, enterprise-wide. We built VA.gov's infrastructure and modern build CI/CD to enable constant development iterations and daily deployments while supporting 13.77+ million monthly unique logged-in users.



Anderson Enterprise Solutions LLC

Today's business challenges call for strategic solutions. Shon Anderson, Founder and CEO of AES, has provided Clinical systems, Interoperability, data transformation, infrastructure, COTS integration, CRM and Document systems (ServiceNow, SharePoint, Salesforce) to federal clients for 16 years. Shon shaped his career through program management and clinical interoperability QA support supporting VA, DoD, DHA, Army, NGB, AMEDD and the Department of Commerce. He gained the foundation of his knowledge at Colorado State with a Bachelors of Science degree in Physics and certifications in PMP, CSQE, and CTFL.

Our capabilities include:

- Strategic Advisory Services
- Opportunity Evaluation (Business Development and Capture)
- Proposal Writing/Solutioning

AVAIL Teaming Partner Organization Bios



Amwell

Amwell offers an automated Veteran engagement platform that combines the commercial offerings of Amwell Conversa Health's data-driven Chat Bot engine with Amwell SilverCloud's Integrated Cognitive Behavioral Therapy (iCBT) programs. The digital platform provides a pre-clinical application that connects with Veterans and promotes wellness, builds resiliency, and encourages individual management of low-level life stressors that can be tailored and configured to meet the needs of the Veteran community. The platform is available 24/7 for users to access on demand when and where it's needed most. The platform uses automated and self-guided tools to mitigate the general lack of availability (or timely availability) of behavioral health specialists to serve the Veteran community. By automating engagement and the delivery of iCBT, Veterans can get the help they need more readily in a method that fills the space before and between physical visits. It further arms behavioral health (BH) providers with tools that have been backed by peer-reviewed research to reduce instances of stress, depression, anxiety, and other factors impacting the health and wellbeing of our Veterans.

Amwell's Platform can:

- Provide pre-clinical, on-demand, digital risk assessment and self-help capabilities to enhance Veteran support and performance, improve behavioral health (BH) access to care, and decrease stigma of seeking BH services
- Establish a BH response process for Veterans identified as elevated risk and escalate them to iCBT programs
- Quantify the impact of automated engagement to identify factors impacting the mental health and wellbeing of the Veteran, including those factors between service members and their environment(s)
- Collect data to include the rate of adoption, utilization, and overall satisfaction of automated engagement
- Validate and optimize the mechanisms to programmatically escalate service members to iCBT or higher/other levels of care (e.g., nurse triage, synchronous telehealth, brick-and-mortar BH visits, peer outreach) when identified through automated engagement
- Track effective outcomes and reduction of depression and anxiety over the course of the program, as measured through PHQ9 and GAD7 scores, for screenings completed in iCBT programs with asynchronous coaching.

AVAIL Teaming Partner Organization Bios



Andrew Morgan
Consulting

Andrew Morgan Consulting

Andrew Morgan Consulting, LLC (AMC) is a CVE-certified Service-Disabled Veteran-Owned Small Business (SDVOSB) and SBA-certified HUBZone entity, delivering IT & Business Consulting services to the NASA, US Army Corps of Engineers, Department of Veterans Affairs, Department of Labor, and Defense Health Agency.

We use our proven SAFe Agile and DevSecOps processes to help organizations design, develop, and integrate digital technologies to transform the way they operate. We focus on understanding the operational context of information systems in order to fully support current and future needs and anticipate the environmental impacts on enterprise systems from evolving interfaces, technologies (hardware/software), security and standards.

As a Microsoft Certified Gold Partner, AMC brings a proven track record of developing in the Office 365 ecosystem. Our engineers leverage innovative technologies such as Azure cloud, SQL Server, and Power BI, coupled with small Agile development teams to deliver on our promise of using data more efficiently for better decision making. Our business processes and practices are guided by industry best practices for Quality Assurance (QA) evidenced by our ISO 9001:2015 appraisal and Lean Six Sigma (LSS) expertise as well as IT systems management and development skills and capabilities gleaned from more than a decade of support for similar systems.



Coforma

Coforma works with the government and private sector to craft creative digital solutions and build technology products that improve people's lives. They've honed a modern, agile, user-centered approach that elevates human needs through thoughtfully-designed systems and products.

They're a minority-owned small business and 10% Veterans. To date, their diverse team has helped improve access to quality healthcare, connected families in crisis at the US border, researched improvements to Veteran care, provided greater access to civic tools, used technology to tell previously told untold stories, improved the federal retiree experience, and increased access to equity. Visit them at coforma.io.



apoQlar USA Inc.

ApoQlar USA Inc. is a wholly subsidiary of apoQlar GmbH and located in Miami, Florida, USA. apoQlar was originally founded in 2017 in Hamburg, Germany to give healthcare a new perspective. apoQlar developed an affordable medical mixed reality technology, VSI HoloMedicine®, that brings the crucial third dimension to surgical planning, remote consultation, patient education and medical training. ApoQlar also partners with health systems to also establish modern 5G and cloud infrastructure to scale HoloMedicine® programs across entire health systems. VSI HoloMedicine® holds FDA 510(k), CE Class I and HSA Class A medical certifications for clinical use in 31 countries.

VSI HoloMedicine® is a medically certified software platform that leverages the Microsoft HoloLens hardware to transform medical images, clinical workflows, and medical education into an interactive 3D mixed reality environment. VSI HoloMedicine® gives surgeons an almost "x-ray vision" perspective in surgical planning processes using 3D holographic technology. Physicians across any medical field can now plan surgeries in 3D and visualize medical data inside or outside of the operating room.

Core Use-Case Categories:

- Medical Field Agnostic Surgical Planning
- Hepatobiliary Liver Resection Surgical Planning
- Medical Education & Training
- Patient Education
- Remote Medical Collaboration

Using Microsoft's HoloLens 2, a mixed reality head-mounted display (HMD), surgeons can transform otherwise flat CT, Angio CT, MRI, CBCT, PET, and SPECT sources into interactive 3D holograms. Using a web-based manager, users upload real world medical data and medical scans that are automatically transformed into anatomically correct 3D holograms. General use cases include medical field agnostic surgical planning, medical collaboration in the metaverse, patient education and medical education and training.

VSI HoloMedicine® takes a platform approach to onboard and scale various medical departments in a hospital system as well as offers multiple modalities for anatomy lab curriculum in medical schools and simulation centers. The foundation of medical mixed reality was our first objective and achievement. Now, we plan to build out and offer specialized medical products to buildout a robust application-based future of medicine.

AVAIL Teaming Partner Organization Bios



The Crux Firm, LLC

The Crux Firm (Crux) brings game-changing holistic program management to federal agencies. As a Service-Disabled Veteran-Owned Small Business (SDVOSB), Crux has the nimbleness and experience to think and react in real-time to the multi-layered needs of our clients. With a customer-first approach and a team of seasoned experts who exhibit grit, authenticity, and respect, we deploy a 360 mentality to anticipate needs and predict risks. Crux dedicates itself to meeting stakeholders where they are and elevating their experience and processes to be the best they can be. Our core expertise includes marketing consulting, promotional campaigns and assets, website coordination and management, data management, and technical support.

Learn more at <https://thecruxfirm.com/>



DCG

DCG is a full-service communications company and a Service-Disabled Veteran-Owned Small Business with over 35 active contracts across seven federal agencies including Department of Defense, Department of Homeland Security, and Department of Veterans Affairs. Our first contract was providing outreach for VA suicide prevention program more than 10 years ago -- and the experience influences our work today. We thrive when presented with big challenges and use innovation, hard work, and partnerships to drive results.

In support of AVAIL, DCG will leverage evidence-based best practices – such as the Project Management Institute's PMBOK, Prosci Change Management, and human centered design – to increase efficacy of OHIL projects with the goal of improving healthcare for Veterans.

AVAIL Teaming Partner Organization Bios



Conviso

Conviso was founded in 2009 as an information technology systems integrator and quickly diversified with broad technology platforms experience, tools, and expertise to serve a broad spectrum of Federal Civilian agencies and Department of Defense (DoD) clients. Conviso supports 12 government agencies in 19 states as well as OCONUS locations. Our core competencies are:

- Agile Software Development
- Cloud and IT Infrastructure Services
- Cybersecurity
- Platform Integration Services

Conviso's commitment to quality is demonstrated by industry standards and quality assurance processes as reflected by our standards certifications: ISO 9001:2015, ISO 20000- 1:2018, ISO 27001:2018, and CMMI Level 3 SVCS. This commitment to quality assurance and process improvement across multiple agency missions, has led to Conviso being recognized and selected to support major mission-critical programs.

Conviso and Deloitte have been strategic partners for over eight years. With the success of Conviso's contribution to these programs and our successful working relationship, Conviso and Deloitte entered a formal joint venture. As of December 2021, the two companies were approved by the SBA for a Mentor-Protégé Joint Venture, incorporated as Vision Cove Solutions. To date Conviso and Deloitte have worked on nine large Federal Civilian and DoD mission-critical programs and have been awarded a further six contracts since July 1, 2022. The Conviso and Deloitte relationship is proven strategic with working history and success in execution. Having teamed with Deloitte for over eight years as subcontractor, Conviso has been awarded five contracts in late 2022 as prime contractor with Deloitte as major subcontractor. The programs below document contracts where Deloitte and Conviso have successfully teamed and executed over the previous five years:

- Defense Manpower Data Center (DMDC) Enterprise Management and IT Services (EMITS) 08/2018 – 08/2023 \$304M Deloitte \$33.5M Conviso
- Defense Counterintelligence and Security Agency (DCSA) Enterprise IT Support (EITS) 08/2017 – 07/2022 \$187M Deloitte \$7.1M Conviso
- Defense Information Systems Agency (DISA) Joint Artificial Intelligence Center (JAIC) 08/2020 – 08/2024 \$208M Deloitte \$5.5M Conviso
- National Institutes of Health (NIH) IT Services to Support nVision Business Intelligence Solution 08/2017 – 07/2022 \$58.1M Deloitte \$9.3M Conviso
- NIH Biomedical Information Technology, Software Development, and Informatics Support (BITSDIS) 08/2021 – 08/2026 \$350M Deloitte \$10M Conviso

AVAIL Teaming Partner Organization Bios



DSS, Inc.

DSS, Inc. is a health information software development and systems integration company, providing services and solutions used daily by thousands of clinicians and administrative staff nationwide, in the public and private sectors. For thirty years we've led the way for healthcare innovation, creating solutions that improve revenue cycles, regulatory compliance, interoperability, and above all, patient care. Our employees and partners include experienced clinicians and Veterans who work closely with customers every step of the way.

DSS assists VA in meeting top initiatives, changing regulatory requirements, and implementing enhanced business processes that support clinical, financial, logistical and administrative objectives, for better Veteran outcomes. DSS is a catalyst for health care innovation, keeping pace with evolving technologies as a solutions provider, systems integrator, and services contractor to the VA. DSS deploys innovative solutions that improve care quality and delivery for our Veterans.



Maveris

Maveris is a Service-Disabled Veteran-Owned Small Business (SDVOSB) providing advisory services and specialized expertise in IT and cyber for Government and private sector customers. Our practice areas include: cybersecurity (architecture, SOC, adversary emulation, pen testing, and certification and accreditation), infrastructure (network, data center, systems, servers, and security), cloud (architecture, migration, Integration, security, and operations), software engineering (architecture, engineering, agile development, testing, and sustainment), and integration and advisory services (business-IT alignment, program integration, transformation, advice, and best practices).



Enosis

Enosis is a specialized R&D firm based in Los Angeles, California, offering Innovation by Design and implementation services. We provide product design & innovation strategy, solution architectures, rapid prototyping, and advanced technology services in spatial computing, IoT, cloud automation, immersive AR/VR, real-time rendering, and interactive technologies. We are operating across industry verticals, emphasizing MedTech and the digital transformation of healthcare.

Enosis is part of The West Coast Consortium for Technology & Innovation in Pediatrics (CTIP), an FDA-funded pediatric medical device accelerator centered at Children's Hospital LA, and worked with AppliedVR under a multi-year contract to design and supervise the implementation of RelieVRx; the first FDA authorized VR product for Chronic Pain currently on trial at the VA. Clients include Google, Deloitte, RWS Group, JPL/NASA, HP Labs, startups, and academic institutions such as the University of Southern California, Arizona State University, and the London School of Economics.

Enosis has a strategic partnership with RWS Group, connecting their enterprise-level Component Content Management System (CCMS), Tridion Docs, and their context-driven Localization Platform with the future of spatial computing and the Metaverse. As part of this partnership, Enosis engages in strategic advising to RWS for the transition of Tridion to Healthcare and Life Sciences verticals and product alignment with the future of FDA's regulatory submissions and oversight roadmap and their proprietary Knowledge Management system, KASA (Knowledge-Aided Assessment and Structured Application). Metadata, Semantic AI, and modern Knowledge Management systems play a rapidly advancing critical role in large enterprise management systems. Enosis works with the Semantic Web Company to integrate PoolParty, one of the world's most advanced Semantic AI platforms, within modern active context-driven application infrastructures.

Vangelis Lympouridis, the founder of Enosis, served as the Chief Design Officer at Applied VR (2017-2020), where he designed and oversaw the development of a series of Medical VR products following an evidence-based product design and research methodology based on an integrative approach that focused on identifying and synthesizing mechanisms of action (MoA) for digital therapeutic and diagnostic applications. He is part of the leadership team at the Medical Device Innovation Consortium (MDIC) MxR group, working with the FDA in developing regulatory and technical compliance standards for medical device manufacturers and the FDA. Vangelis is a senior fellow at the Creative Media and Behavioral Health Center (CMBHC) at the University of Southern California (USC) (2011-present) and was part-time faculty at the Viterbi School of Engineering (2018-2021), teaching AR/VR and Mixed Reality. He holds a Ph.D. in Whole Body Interaction Design from the University of Edinburgh.

AVAIL Teaming Partner Organization Bios



John Snow Labs

John Snow Labs is an Artificial Intelligence and Natural Language Processing Company for healthcare, finance, and legal companies. John Snow Labs is the developer of Spark NLP (Natural Language Processing) and Visual NLP for Healthcare – the most widely used libraries for clinical and biomedical natural language processing and visual document understanding. With over 700+ state-of-the-art pre-trained healthcare-specific machine learning models, we have achieved # 1 in accuracy on 20 academic benchmarks published in peer-reviewed papers. In addition, John Snow Labs' data scientists and medical experts can also provide high-quality consulting services to healthcare, finance, and legal customers on any NLP projects. John Snow Labs software and services are utilized world's largest pharmaceuticals, finance companies, US healthcare systems all top five US payers, and dozens of health IT companies. John Snow Labs has many years of experience developing accurate unstructured clinical text understanding pipelines that support clinical decision support, precision medicine, patient risk adjustment, population health, patient safety, real-world data, de-identification, and clinical trial matching systems.

Out-of-the-box capabilities for an accurate understanding of legal, finance, clinical, and biomedical text (digital text as well as scanned documents or forms) as an integral part of a data transformation pipeline. Our Spark NLP, Spark NLP for Healthcare, Visual, Legal, Finance and Annotation Lab, and Data Library products deliver the most accurate, fast, and scalable, NLP solution to users in the industry. With more than 7,000 pre-trained models and available in over 375 languages.

State-of-the-art deep learning and transfer learning models are tuned specifically for healthcare by a team of in-house medical doctors and data scientists. The models are updated regularly to reflect new terminologies, advances in precision medicine, and advances in ML & AI.

The Spark NLP, Healthcare NLP, and Visual NLP libraries are based on Apache Spark, making them the only natively scalable medical NLP solution, and enabling elegant integration as part of any Spark pipeline. The software scales for both model training and inference and is designed from the ground up to run in air-gapped environments. Databricks recommends it as its only solution for processing and transforming medical free-text documents on its platform. Spark NLP for Healthcare is currently the most accurate peer-reviewed solution on twenty medical NLP leaderboards (Ref: 'Papers with Code'). Models can be tuned for specific use cases using the Annotation Lab tool, or with professional services. John Snow Labs offers complete software & solution packages or customizes for each customer's needs.

AVAIL Teaming Partner Organization Bios



J P Systems, Inc.

J P Systems, Inc. was founded in 1983 to serve IT needs in both the private and public sectors. We provide unique professional skills in the Healthcare IT (HIT) ecosystem and have performed solidly as a prime on over \$70 million in federal contract awards for several Veterans Health Administration (VHA) program offices. In addition, J P Systems is a sole awardee prime contractor on its \$120M VA IDIQ Terminology Services Support Contract, which is a follow-on to the 2015 \$100,000,000 IDIQ award. We have maintained these sole source IDIQs from the U.S. Department of Veterans Affairs since 2015. Our expertise includes clinical informatics, designing and developing data models, data architectures, clinical terminologies, IT policy and strategy, clinical data exchange, data quality improvement and Health Level 7 (HL7) data standards development.

We are a leader in Clinical Informatics, Health Level 7 (HL7) data standards development and terminology, including Fast Healthcare Interoperability Resources (FHIR) R4 Implementation Guide development from manual forms. Our experts are fully engaged in the migration of the Veterans Administration (VA) Electronic Health Records (EHR) systems and the modernization of MyHealtheVet (MHV), and many of our subject matter experts (SMEs) publish in scientific and medical journals within the Healthcare Information Technology (HIT) field. Since 2015, we have executed over forty-eight (48) task orders as a prime supporting diverse clinical informatics areas. We have delivered over 400 products ranging in complexity from Clinical Use Cases, Standards Development Organization (SDO) engagement tracking, complex implementation guide plans, architectural analysis of 'as is' and 'to be' states, Veterans Health Information Exchange (VHIE) planning, vendor (Cerner) decision papers, consults, and many types of strategic plans.

We have successfully supported other federal agencies. We have liaised with several VA offices including: VHIE, Clinical Informatics and Data Management Office (CIDMO), Office of Health Informatics (OHI), Office of EHR Modernization (OEHRM), Office of Information and Technology (OIT), Office of Community Care (OCC), Office of Connected Health (OCH) and the Federal Electronic Health Record Modernization Program Office (FEHRM).

Our work is available for reuse across the entire VA Enterprise such as CDC, MyHealtheVet, Joint Legacy Viewer (JLV), Cerner Joint Health Information Exchange (JHIE), OIT Operations/Testing, Social Security Administration (SSA), Food and Drug Administration (FDA), and Department of Defense (DoD). Our experience includes data standards development with SDOs, terminology modeling, terminology matching, terminology matching quality control, clinical interoperability, meeting facilitation, informatics, stakeholder outreach, artifact management, project management, informatics architecture, impact and operational assessment support, and strategic communications.

Medtronic

Medtronic

Medtronic is a leading global healthcare technology company that creates innovative medical solutions for better patient outcomes and delivers value through clinical leadership and excellence. With operations in 150 countries, our products treat 70 health conditions and include cardiac devices, cranial and spine robotics, insulin pumps, surgical tools, remote patient monitoring systems, and more. Our therapies help 72 million people a year and support our Mission to alleviate pain, restore health, and extend life.

Medtronic has several business units with comprehensive offerings which monitor patients throughout the continuum of care including those with chronic, complex diseases outside the conventional clinical setting. Below are some brief examples within our portfolios.

Arrhythmia- LINQ II™ insertable cardiac monitor (ICM) can automatically detect and record abnormal heartbeats using its smart technology. It facilitates the diagnosis and treatment of difficult to treat cardiac arrhythmias for patients with syncope, palpitations, cryptogenic stroke, and atrial fibrillation. It comes with cloud-based Artificial Intelligence (AI) platform that will seamlessly and remotely apply learning algorithms to the data flowing into the CareLink™ network.

Medtronic Solution: Mazor™ Robotic Guidance and StealthStation™ NavigationMazor™ Robotic Guidance and StealthStation™ Navigation are surgical technology tools that are used to guide orthopedic surgeons and neurosurgeons to ideal placement of surgical implants or for targeting specific anatomy. Both solutions use DICOM imaging and tracking technology to localize the patient in the room and guide the surgeon to their surgical goals.

Mazor and StealthStation both use sophisticated pre-operative 3D visualization software tools to plan these surgical procedures. Medtronic has developed powerful tools to manage DICOM data from multiple modalities (such as CT and MRI) and apply anatomical segmentation and modeling software to enrich the patient image data to make them more useful for surgeon decision making. These software tools are useful in that they can automatically identify specific anatomical landmarks and either highlight them compared to the surrounding anatomy or segment them completely out of the original dataset. In addition, Medtronic has developed procedure specific workflows that guide the surgeon to be able to create these enriched datasets.

TriageHF™ is a simplified, integrated heart failure risk assessment tool that alerts clinicians to clinically relevant changes in a patient's status that may lead to a heart failure decompensation. TriageHF* automates patient triage for clinicians to identify which patients are at the highest risk of heart failure decompensation.

AVAIL Teaming Partner Organization Bios



Nvidia

NVIDIA has grown from a hardware company to a modern full-stack computing company that supports AI, Visualization, and HPC workflows and software across every industry using computation today.

NVIDIA is a world leader in providing computational acceleration solutions, AI and High Performance Compute (HPC) for the healthcare and other Industries, delivering the compute power, tool suites, and application-specific software needed to advance their missions and solve their most challenging problems. Stemming from its origins in parallel/graphics processing and visualization, NVIDIA has transformed into the global leader in development, integration, and broader facilitation of AI, Machine Learning (ML), and Deep Learning (DL) capabilities.

These AI training and edge inferencing technologies today enable advancements in computational biology, drug discovery, medical instrumentation, smart hospitals, genomics, medical imaging, and the leading-edge AR/VR systems.

PHILIPS

Philips

Philips is a preeminent health technology company focused on improving lives across the healthcare continuum – from healthy living and prevention, to diagnosis, treatment, and home care. Philips helps build and shape markets with meaningful innovation for the last 130 years. We partner with our clients to transform how healthcare is delivered and experienced. We are a leader in healthcare consulting, diagnostic imaging, image-guided therapy, patient monitoring, and health informatics, as well as in consumer health and home care. With a global and long-term presence in the personal and professional healthcare worlds, Philips aspires to continually deliver on our customers' needs in health technology and, most importantly, achieve our vision of improving the lives of 2 billion people per year by 2025.

AVAIL Teaming Partner Organization Bios



Red Duke Strategies, LLC

Red Duke Strategies, LLC (RDS) is a Service-Disabled Veteran Owned Small Business whose mission is to improve the lives of Veterans, Service Members, and their families by bringing healthcare innovation into the systems that support them while building a more energy secure and sustainable world.

Co-Founded and Managed by a former combat U.S. Marine, Greg Douquet, RDS combines long experience bridging innovative technology with extensive operational experience to government service. RDS' deep understanding of the federal government has been honed by close collaborations with several Departments including Defense, Energy, State, and Veterans Affairs. The RDS team is made up of experienced professionals who have served across the federal government in programmatic and senior management roles, many of them Veterans themselves.

RDS' approach is to work directly with senior leadership in helping them develop programs and improve processes, procedures, and ultimately achieve targeted results. The RDS track record includes serving as the prime contractor on multiple VHA contracts to set the conditions for VHA to remain at the vanguard of healthcare innovation for decades to come. RDS also supports several other Departments with installation resilience and energy security, as well as strategic planning, which is a core capability.



RapidAI

RapidAI is the leader in brain imaging analysis, delivering proven software tools supported by worldwide clinical studies and utilized by healthcare professionals from over 100 countries. RapidAI enables neurovascular and vascular clinical teams to positively impact and push the boundaries of care, reducing time to treatment, time to needle and improving patient outcomes. We are dedicated to empowering physicians to make faster and more accurate decisions. The RapidAI software portfolio provides a foundation for connecting care teams for more streamlined and improved communication and coordination of their patient's journey. RapidAI enables coordinators and administrators to optimize protocols and reduce cost. The Rapid clinical platform leverages artificial intelligence to create enhanced, high-quality images from NCCT, CTA, CTP and MRI diffusion and perfusion data.

AVAIL Teaming Partner Organization Bios



RTI International - Durham, NC

RTI International is an independent, nonprofit research institute dedicated to improving the human condition. Our vision is to address the world's most critical problems with science-based solutions in pursuit of a better future. Clients rely on us to answer questions that demand an objective and multidisciplinary approach—one that integrates expertise across the social and laboratory sciences, engineering, and international development.

Combining scientific rigor and technical proficiency, we deliver reliable data, thorough analysis, innovative methods, novel technologies, and sustainable programs that help clients inform public policy and ground practice in evidence. We scale our approach to fit the demands of each project, delivering the power of a global leader and the passion of a local partner.

We believe in the promise of science, and we push ourselves every day to deliver on that promise for the good of people, communities, and businesses around the world. Our experts hold degrees in more than 250 scientific, technical, and professional disciplines across the social and laboratory sciences, engineering, and international development fields. Our staff of nearly 6,000 works in more than 75 countries—tackling hundreds of projects each year to address complex social and scientific challenges on behalf of governments, businesses, foundations, universities, and other clients and partners. Our research institute maintains offices on four continents, with our headquarters in Research Triangle Park, North Carolina, reflecting our roots in the area's distinguished universities. Founded in 1958 with support from North Carolina government, education, and business leaders, we maintain close ties with North Carolina State University, Duke University, North Carolina Central University, and the University of North Carolina at Chapel Hill.

Our dedication to innovative, objective research and technical services makes RTI an outstanding partner for clients around the world whose greatest challenges demand rigorous approaches and science-based solutions.



Sierra7, Inc. - Falls Church, VA

Sierra7 provides cutting edge technology services, solutions, and processes that distinguish our federal clients as leaders in technology adoption and operation. Sierra7 has a proven track record developing and deploying technology and healthcare solutions that modernize our clients' processes, improve their operations, secure their technology architecture, and protect their critical data and infrastructure.



SIMETRI, Inc.

SIMETRI is an SBA-certified 8(a) and Economically Disadvantaged Woman Owned Small Business with extensive domain expertise in the provision of advanced operational medical training and medical training program management. SIMETRI performs original research and development with the goal of applying practical knowledge to expand understanding and develop solutions to complex customer problems. Within the last five years, much of this research has been focused on developing solutions to train U.S. Army personnel more effectively, specifically in support of the warfighter and with applications across all medical domains.

SIMETRI has extensive experience in managing the development, rapid prototyping, manufacturing, and integration of medical training technologies, supporting U.S. Army and Defense Health Agency (DHA) medical research and training programs, delivering integrated medical training solutions that utilize advanced learning systems and revolutionary prosthetic technology for emergency preparedness. SIMETRI has been focused on developing Immersive and Simulation Technology solutions for a wide range of clinical areas since 2009.

SIMETRI has several current contracts that required the design, development, testing, and/or evaluation of immersive training solutions leveraging extended reality modalities (e.g., Augmented Reality, Virtual Reality) that span a wide range of clinical areas across the DoD and civilian medicine.

AVAIL Teaming Partner Organization Bios



Technical Assent, LLC

Technical Assent, LLC helps federal agencies achieve breakthrough performance by using customer experience as the primary driver for change. We are an SDVOSB, founded in 2011 based on the idea that people have the same expectations of government service providers as they do of any other services competing for their time and attention. We help government agencies solve a variety of management and operational challenges by optimizing their service portfolio to meet customers' needs, providing customer experiences that are consistent with their mission, and implementing solutions that drive mission and business results.

We are a leading provider of experience design, solution implementation, and service management. These key capabilities directly reflect the Durham VAMC's needs to ensure a comprehensive mapping and assessment of the services within the 3,141 counties in the United States available to those men and women who have served our country honorably.

As a CMMI for Services Level 3 (CMMI-SVC/3) company, Technical Assent's pre-planned solutions for scaling and surging our services have been independently appraised. Our record of past performance across the Federal Government at the, the Department of Veterans Affairs (VA), Department of Defense (DoD), the Department of Treasury/Internal Revenue Service (IRS), the United States Department of Agriculture (USDA), and most recently at the Department of Labor (DoL) serves as evidence of successfully leveraging the CMMI-SVC V2.0 framework to achieve project, program, and mission success. Our defined and repeatable internal processes in standards, procedures, tools, and methods form a playbook that is time tested for delivering low risk, high performance, and cost-efficient solutions to government programs similar in size, scope, and complexity to this initiative. Technical Assent is 1 of only 3 firms out of 12,490 SDVOSBs tracked by the VA Center for Verification & Evaluation (transferred to SBA as of December 23, 2022) that have earned an CMMI for Services v2.0 Level 3 appraisal and we are extremely proud of our accomplishment.



TransformCare

TransformCare is an SDVOSB committed to driving transformation in healthcare. Our consulting services focus on providing expertise to healthcare providers and payers to improve quality and delivery of healthcare through introducing best practices, while containing costs, and ultimately achieving optimal health outcomes and experience for consumers. We specialize in providing clinical advisory services, organizational transformation, and operations management support. From enterprise strategy formulation to implementation and sustainment, we use our team's multidisciplinary expertise to create a customized delivery approach and achieve desired results for our clients.

Core Competencies:

- Strategic Planning
- Program Implementation
- Business Process Engineering
- Program and Project Management
- Change Management
- Business Analysis

Notable Accomplishments:

- Support the Veterans Health Administration (VHA) in the development and pilot of a High Reliability Organization (HRO) Optimization Model which includes activities and measures across HRO's three pillars to help sites mature in their HRO efforts.
- Support the VA's Center for Care and Payment Innovation (CCPI) in assessing the impacts and opportunities of alternative payment model (APM) pilots to drive value-based care delivery innovation for our nation's veterans
- Assist Defense Health Agency (DHA) in building a Demonstration Program Management structure to manage all demonstrations under the T-5 contracts.
- Provide assessment support to VHA in current state analysis of outpatient referral and consultation process and provide recommendations to reduce the effect of key barriers and metrics to measure impacts of change.
- Developed Navy Medicine's HRO Strategy for Operational Medicine in support of major legislative changes resulting from NDAA 2017 and 2019.
- Provide clinical SME support to a major managed care consultant company in support of developing a predictive model for state Medicaid payers assessing emergency department overutilization in low-acuity non-emergent conditions.

Deloitte Bios

Deloitte VA Leadership



Patrick Littlefield

*Managing Director
Deloitte Consulting, LLP*

Patrick Littlefield is a Managing Director with Deloitte Consulting working in the Federal Health and Strategy & Analytics Practices. Prior to joining Deloitte Patrick served as the Executive Director of the Veterans Affairs Center for Innovation. Patrick founded WaveMark, Inc., a leading healthcare supply chain company, now part of Cardinal Health, and spent much of his career in the private sector leading and working with early-stage technology companies.



Kevin Brault

*Principal
Deloitte & Touche, LLP*

Kevin is a Principal in the Federal Industry with over 20 years' experience in the Federal Government Industry serving clients across all Federal Sectors. He currently serves as the National Federal Health Sector Leader and the Risk and Financial Advisory Health Sector leader. Previously, Kevin served as the LCSP for Health and Human Services Office of the Secretary, the Federal Advisory Market Offering Leader, AERS Federal Health Technology Risk Service Area Leader, the LEP for Department of Commerce, the LEP for Federal Energy, and served on several Federal and National Committees to include: National Advisory Strategy Council, World Class Talent National Steering Committee, Federal Advisory Committee, and the Federal Investment Committee. On a personal note, Kevin serves as an officer of the board of directors for a non-profit organization named Empowering Action focusing on serving the desperately poor in their local communities in developing nations.

Deloitte Bios



Beth Meagher

Principal

Deloitte Consulting, LLP

Beth joined the Federal Government Services and Life Sciences & Health Care industry practices as a Strategy & Operations director in the Strategy service line. Based in the Rosslyn, VA office, Beth is leading our Federal Strategy Service line and leading our Translational Science team. Beth holds a master's degree in policy studies from The George Washington University and a bachelor's degree in entrepreneurial studies and communications studies from Muhlenberg College, where she played varsity lacrosse for four years.



Matt Caccavale

Principal

Deloitte & Touche, LLP

Matt is a Cyber innovation leader focused on healthcare and emerging technologies, with demonstrated ability to lead complex Advise and Asset-infused Operate cyber transformations. Matt has over 17 years of professional experience across cyber and strategic risk. He has served public sector and private sector clients, leading complex cybersecurity engagements. Matt currently leads Deloitte's VA Cybersecurity Innovation Program engagement and VA Compliance Integration Planning and Preparation engagement.

Matt previously led the VA CSCPAS engagement, which included: cyber reconnaissance and analytics support; audit cycle support; dynamic risk reporting dashboard development, and Risk Management Framework support. Prior to leading the VA CSCPAS engagement, Matt led additional engagements at the VA across multiple staff offices and administrations. Beyond the VA, Matt has led programs and projects across multiple Federal agencies, State and Local government, the Financial Services industry, and the Consumer and Industrial Products industry. Prior to joining Deloitte, Matt developed and led public health preparedness projects and programs for the city of Boston and Commonwealth of Massachusetts. Matt is a DHS FEMA Master Exercise Practitioner and a Certified Information Systems Security Professional.

Deloitte Bios



Cynthia Kossally

Principal

Deloitte Consulting, LLP

Cynthia focuses on solving the most complex healthcare challenges by helping governmental agencies, and life sciences and health care firms modernize their healthcare systems, address pandemics, and craft their perspectives on the Future of Health. She advises C-Suite level executives in developing strategic roadmaps and tactical plans to execute on complex programs, establishing standard governance and program management functions and driving adoption of new operational processes and technology.



Maurita Benjamin

Managing Director

Deloitte Consulting, LLP

Maurita brings over 20 years of experience designing, improving, and deploying complex business transformations by delivering organizational and operational strategies, customer experience and change solutions tailored to meet customers' needs. Active in engagements serving the Department of Veterans Affairs since 2011. Maurita specializes in organizational and operational transformation in business and healthcare environments, leadership alignment and development, human-centered change management, future of work readiness and adult learning, and complex governance solutions. She works with senior leaders across the Department to design, develop, and ready stakeholders for innovative programs and solutions to achieve agency priority goals.

Deloitte Bios



David Goldberger

*Specialist Leader
Deloitte Consulting, LLP*

David brings extensive experience supporting strategic planning and operational improvement for provider systems in both the federal and commercial health sectors. He most recently supported VHA and MHS efforts to transform organizational cultures by adopting best practices from High Reliability Organizations (HROs) in commercial health and other industries to build safer, more reliable care systems and develop improvement-capable care teams.

Prior to his work in the federal sector David ran an independent consulting practice serving health systems, health care companies and non-profits, specializing in institutional planning, program development and quality improvement; clients included Children's National Medical Center, The Leapfrog Group, and McKinsey & Co. From 1995 to 2007 he led consulting and research efforts at The Advisory Board Company, a best practice research and consulting firm serving a consortium of 2,500 hospitals and health systems.



Rich Stone

*Specialist Leader
Deloitte Consulting, LLP*

Rich is a medical doctor with board certification in dermatology. He has a long history of work in commercial and government health care leadership positions. He worked for Sisters of Charity, Trinity Health, and Henry Ford Hospital Systems in the Midwest. Following September 11th, 2001, he was called to active duty and remained on active duty in the Army eventually serving as the Army Deputy Surgeon General. He was combat deployed to Afghanistan. His final assignment was to lead the team that created all the business transformation models for the standup of the Defense Health Agency. He retired from the Army in 2014 and continued government service in the Veterans Administration where he served as Executive in charge and Acting Undersecretary of Health. Leading the VHA, America's largest health system through the pandemic. He left government service in July of 2021 and joined Deloitte in the federal health practice in November of 2021 as a specialist executive focused on health system transformation and health policy.

Deloitte Bios



Mark Ediger

Specialist Leader

Deloitte Consulting, LLP

Mark joined Deloitte as a Specialist Executive after serving as the 22nd Air Force Surgeon General. He led design and implementation of system-level strategic changes to a worldwide healthcare organization providing care and supporting military operations. He is deeply experienced in leading change in health system performance, patient safety, population health, supply chain optimization, resource management, disaster response, support to deployed operations and global health.



Jon Jensen

Specialist Leader

Deloitte Consulting, LLP

Jon brings extensive experience in leadership, national policy, program development and strategic communications in large Government organizations. He most recently served as the Veterans Health Administration Chief of Staff. Leading transformational organizational improvements in staffing, onboarding and resource management for an organization with more than 373,000 employees.

Prior to his work in VHA, Jon served as the Legislative Liaison for the Chief of the Army Reserve, specializing in operations and readiness. Jon developed relationships and worked with Congress to ensure adequate resources and authorities were available to ensure readiness of the Army Reserves 190,000 employees.

Jon enjoys the outdoors and cooking/grilling for family and friends.

Deloitte Bios



Brian Hawthorne

*Specialist Leader
Deloitte Consulting, LLP*

Brian is a seasoned communications and government professional with extensive experience preparing and executing complex communications plans in times of crisis. He has worked on the personal staffs of several members of the US cabinet and a Fortune 20 CEO, helping them navigate difficult legal and communications challenges. He has supported several prominent leaders with their personal branding, speechwriting, and social media engagement, improving metrics and connecting with critical audiences while helping them remain authentic and accessible, even during times of intense scrutiny from both Congress and the media.

Originally from New York, Brian completed both his Bachelors and Masters degrees at the George Washington University in Washington, DC, and has served in the US Army Reserves for more than 19 years, with two combat tours in Iraq. He has been involved in volunteer firefighting and EMS for more than 20 years and serves as a volunteer firefighter/EMT in his local community.



Marisa Thomas

*Senior Manager
Deloitte Consulting, LLP*

Marisa has over 15 years of experience designing and managing large, Federal transformation programs with a focus on mission alignment and IT strategy. Marisa has specific experience in strategy implementation, project management, meeting facilitation, communications, and business process improvement using various transformation, Lean/Six Sigma and enterprise transformation methodologies. She has been supporting the Department of Veterans Affairs since 2018.

AVAIL Idea/Opportunity Registration & Response Form

Contact Information

Company Name

POC Name

POC Email

POC Phone

Date Submitted

Opportunity overview

Short description

Anticipated scope

VA Office

VA Client Name(s) / Roles

Incumbent (if applicable)

Estimated POP

Acquisition Timeline

Anticipated Budget/LOE (FTE)

AVAIL Task Category Alignment

Opportunity Shaping and Capabilities

How did you hear of this opportunity?

What have you done to shape it?

Who are the key decision makers / influencers and what is your relationship?

What is your understanding of the specific goals / challenges?

What is your understanding of the competitive environment?

What are your capabilities / PP related to this work? Do you have any unique differentiators (e.g., technology, past performance, key personnel) that could influence procurement?"

If you can provide any key staff, please describe.

[you do not need to submit resumes at this point]

Do you have any potential OCI concerns?

If yes, please describe

What level of support can you provide to the capture and proposal efforts?

Any other information or questions?

Deloitte.