



IBA Health IT Services

Health IT Solutions through Automation and Innovation



At the forefront of next generation Health Information Technology (HIT) solutions and integration, IBA supports the Federal Government and industry through the use of innovative EHR and telehealth systems, platforms, devices, and applications.

As the health industry moves towards increased automation and electronic health records (EHR), the relationship between health and IT is more symbiotic than ever. IBA has provided stellar planning, operations, and service execution to the Military Health System (MHS) for over 25 years. IBA has supported the Department of Defense (DoD), Defense Health Agency (DHA), US Army and other Federal Government agencies to promulgate the use of IT automation and innovative healthcare platforms. IBA's support and expertise encapsulates a plethora of services to include health informatics, telemedicine, mobile health, data analytics, and providing health information technology (HIT) program management support on telehealth/telemedicine projects.

Why Choose IBA?

To answer the needs of industry and the Federal Government, IBA offers a range of HIT services, processes and tools to support healthcare transformation for customers like the DHA and the United States Army Medical Research and Materiel Command (USAMRMC). IBA's approach is based on the infusion of innovative technologies with decades of healthcare experience and expertise.

What We Offer

Electronic Health Record (EHR) Modernization

IBA offers solid experience and innovative approaches to enhance and integrate data and application to meet the healthcare industry's Electronic Health Record (EHR) directives. In support of the DoD's EHR (MHS GENESIS), IBA supports MHS Genesis teams on planning, scheduling, testing, and integration activities. IBA provides functional and technical requirements analysis support of DHA Solution Delivery Division (SDD) (now Deputy Assistant Director Information Operations (DADIO)) or Department of Veterans Affairs (VA) systems that are selected for evaluation as an iEHR DoD/VA Early Adoption candidate. IBA's subject matter experts (SMEs) are well-versed in addressing requirements, identifying solutions to parallel development activities and dependencies within organizations. IBA's SMEs have participated in working group meetings for Data, Test and Evaluation, Program Management, and Configuration Management to ensure the environmental architectures, data models, training, and integrated master schedule are sufficiently robust to support the SDD mission and ultimate success of the MHS GENESIS.

Telehealth/Telemedicine

IBA has integrated and prototyped cutting-edge telecommunications technologies like robotics and unmanned systems (UMS) to help support clinical care in an operational

IBA CAN HELP YOUR ORGANIZATION:

- ▷ Accelerate high quality deployment of EHR modernization
- ▷ Incorporate telehealth best practices based on past HIT project successes
- ▷ Address healthcare challenges with automation platforms and devices
- ▷ Execute an Agile/DevOps solution to meet specific organizational and operational needs

FEATURES

- ▷ Decades of healthcare experience and telehealth expertise
- ▷ Use of cutting-edge telecommunications technologies like robotics and Unmanned Systems (UMS) to support clinical care in an operational environment
- ▷ Agile/DevOps solutions in cloud
- ▷ Health IT program management support to telehealth programs
- ▷ Use and expertise of Agile, Scrum, Kanban, SAFe, DaD, LeSS, ASQ, ITIL and CMMI principles

BENEFITS

- ▷ Customizable go-to market Agile/DevOps solution
- ▷ Subject matter expertise in virtual health, electrical, biomedical and human factors engineering
- ▷ Mobile health expertise in platforms for cellular and tablet devices
- ▷ Vast health informatics experience includes data extraction, analysis, and reporting
- ▷ Strategic partnerships with best of breed HIT systems and platforms

CONTRACT VEHICLES

- ▷ **GSA PSS** (GS-00F-099CA)
- ▷ **GSA IT 70** (GS-35F-0100J)
GSA Health IT (SIN 132-56)

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theater environment. IBA's SMEs in the fields of virtual health, electrical, biomedical and human factors engineering, and computer science conduct research on the application of technologies to enhance patient care while enabling more efficient and immediate healthcare administration in critical care scenarios. At the US Army Telemedicine & Advanced Technology Research Center (TATRC), IBA provides next generation HIT support to clinical research labs, research and development (R&D) and scientific support initiatives.

Mobile Health

IBA can rapidly plan, develop, and deploy a mobile strategy tailored to a customer's needs. At TATRC, IBA supports the Mobile Healthcare Environment (MHCE) system. The commercial/government off-the-shelf (COTS/GOTS) technologies-based solution that IBA supports is a Health Insurance Portability and Accountability Act (HIPAA) compliant mobile communication platform. IBA's experience with mobile health systems and networks allows the company to maintain those systems to ensure their compliance with federal standards like Risk Management Framework (RMF) for cybersecurity procedures and measures in virtual health administration. At DHA SDD (now DADIO), IBA works to ensure a successful Defense Occupational and Environment Health Readiness System (DOEHR) mobile deployment. IBA also facilitates pre-implementation activities for additional sites including security and technical issues. IBA's mobile health experts have worked on multiple vendor platforms for mobile and tablet devices. The mobile health experts have developed and supported web-based mobile applications aimed at easing health administration and improving patient experience.

Medical Modeling & Simulation

IBA supports the Army's Medical Modeling & Simulation Innovation Center (MMSIC) by using open source and open architecture systems to help develop and conduct models and simulations to enhance medical training environments. At TATRC, IBA's team of medical professionals creates mission-critical medical simulations. IBA enhances the preparedness and readiness of other medical professionals administering field care in combat environments. IBA also supports the Joint Program Committee - 1 (JPC-1) to improve health information sciences through increased interoperability, strategic planning, process development, and medical applications.

Health Informatics/Data Analytics

IBA provides design, creation, operations and maintenance in support of data extraction, data analysis, and reporting for the Defense Health Cost Assessment and Program Evaluation (DHCAPE) TRICARE Operations Center (TOC). IBA's SMEs work with the Composite Health Care System (CHCS) data to provide useful information that key stakeholders can use to make more informed and better health-related decisions. IBA supported the new and unexpected Zero Based Budget Review (ZBR) conducted by the DoD CIO. IBA demonstrated experience in handling DoD systems, data extraction and consolidation by meeting and exceeding expectations for support. The SMEs used their knowledge of existing documentation information and were able to tailor information and present it appropriately for the ZBR board.

Agile/DevOps

At IBA, DevOps is a guiding principle of Culture, Practice, Automation of Continuous Deployment, and Monitoring. DevOps is a part of IBA's Software Development process unifying Agile Development, User Experience, and Security. DevOps is crucial to the success of software-driven organizations and it enhances IT responsiveness which allows IBA to deliver greater benefits to customers. To meet the demands of the HIT market and our customers, IBA developed a go-to market Agile/DevOps innovation lab offering that can be tailored, customized and demonstrated to meet and address a customer's specific organizational and operational requirements. For DHA SDD (now DADIO), IBA has used expertise in Agile frameworks like Scrum, Kanban, Scaled Agile Framework (SAFe), Disciplined Agile Delivery (DaD), and Large-Scale Scrum (LeSS) to define or redefine processes to reduce steps in delivery and increase speed by automation. The Agile Scrum methodology IBA employed at DHA SDD (now DADIO) improved their time to market by 400% and reduced release overhead and release costs by 80% and 60%, respectively, in comparison to waterfall methods.

