



Mission Driven Innovation. Secure Modernization. Proven Impact.

ASSYST is a trusted Health IT Systems Integrator with over 30 years of experience advancing public health and regulatory missions. We deliver secure cloud modernization, AI infused automation, and interoperable data platforms that enhance care delivery and operational resilience. Our solutions apply AI and analytics to prevent fraud, waste, and abuse, ensuring integrity, efficiency, and trust across the nation’s healthcare ecosystem.

- **Domains** – Medicare, Medicaid, Claims, Payments, eRx, RTPB, Real World Data integration, Digital Health, Enforcement, Inspections, RMNCAH-N, (FHIR®), Biomedical and Clinical Systems
- **Certifications** - CMMC L2 Self Assessed | CMMI Level 3 (SVC/DEV) | ISO 27001/20000/9001
- **Prime Contractor** - +40 Agencies, FedRAMP, NIST, FISMA, and Zero Trust aligned delivery
- **Contract Vehicles** - GSA OASIS+, GSA MAS (Cloud, HACS, HEAL), NIH CIO-SP3
- **Partnerships** - ServiceNow, AWS, Microsoft, Databricks, Red Hat, Oracle, HL7, NCPDP
- **Solutions** - Green Accelerator powered Commercial Solutions Offerings (CSO)



Healthcare IT Capabilities and Experience

Program Management

US Food and Drug Administration (FDA)

ASSYST provides enterprise program management for the FDA’s Electronic Submissions Gateway (ESG) — the secure digital backbone supporting millions of regulatory submissions annually across pharmaceuticals, biologics, medical devices, food, tobacco, and veterinary products. Leveraging Agile methodologies and continuous modernization, we ensure 24/7 reliability, security, and interoperability across pre-market, post-market, and compliance operations. These efforts have accelerated regulatory reviews, improved data integrity, and strengthened the FDA’s ability to protect public health through faster, more efficient information exchange.

Cybersecurity

HHS Centers for Medicare and Medicaid Services (CMS)

ASSYST leads a next-generation Cybersecurity Program that safeguards the critical systems supporting Medicare, Medicaid, CHIP, and other Federal and State health services relied on by millions of citizens. Through our innovative ISSO-as-a-Service and CRA-as-a-Service models, we go beyond compliance to build adaptive, intelligence-driven defenses aligned with Zero Trust and NIST RMF principles to secure hundreds of FISMA and HIPAA compliant systems. Harnessing the power of Data, Large Language Models (LLMs), and Agentic AI, ASSYST transforms how agencies detect threats, manage vulnerabilities, and access mission data—shifting from reactive protection to autonomous cyber resilience. By combining human expertise with AI-driven insight, we mentor cybersecurity teams and embed automation, analytics, and contextual intelligence into operations.

Data Interoperability

ASTP/Office of the National Coordinator for Health Information Technology

ASSYST drives innovation across the nation's Health IT ecosystem by modernizing the Interoperability Standards Advisory (ISA) Community Platform and developing the electronic prescribing (eRx) and Real-Time Prescription Benefit (RTPB) conformance testing system. Together, these initiatives enable, HL7® FHIR®-based data exchange among providers, payers, pharmacies, researchers, EHR and Health IT vendors. By advancing standards alignment, regulatory compliance, and real-time interoperability, ASSYST empowers every participant in the healthcare continuum to deliver safer, faster, and more informed care—strengthening the foundation for a truly connected, patient-centered health system.

Public Health Research

Centers for Disease Control and Prevention (CDC)

ASSYST developed and modernized a robust, intuitive database and web application for the Centers for Disease Control and Prevention (CDC) to strengthen disease surveillance, outbreak response, and public health decision-making. Designed for epidemiological data management, the solution integrates advanced reporting, analytics, and visualization capabilities, dramatically accelerating the transformation of raw data into actionable intelligence. The system empowers administrators and researchers to create custom reports, perform ad hoc analyses, and track version histories to ensure data accuracy and compliance with CDC standards. By enabling faster insights, scalability, and adaptability, this modernization has significantly enhanced the CDC's ability to monitor emerging health threats and advance its mission of protecting population health.



AI Integration

Health Resources and Services Administration (HRSA)

ASSYST enhanced HRSA's Independent Testing, Verification, and Validation (IV&V) program by integrating AI and Machine Learning (ML) capabilities to improve program efficiency and strengthen HRSA's mission of advancing healthcare access and equity. The initiative modernizes Quality Assurance (QA) processes through intelligent UI testing, predictive analytics, and automated error detection, enabling faster, more reliable validation of critical healthcare systems. By embedding AI-driven insights and continuous improvement into HRSA's testing framework, ASSYST ensures the delivery of secure, high-quality software that supports the agency's nationwide health programs and amplifies its impact across underserved communities.

System Modernization

HHS Program Support Center (PSC)

ASSYST comprehensively modernized HHS PSC's Debt Management Collections System (DMCS), migrating it to a secure cloud environment and redesigning the interface using a Human-Centered Design (HCD) approach to improve accessibility and user experience. In collaboration with PSC, ASSYST identified opportunities to integrate AI and Robotic Process Automation (RPA) to streamline operations and reduce manual effort. Routine processes such as debt calculations, record imports, and data validations were automated—minimizing human error, enhancing system performance, and significantly accelerating processing speeds. This modernization strengthened PSC's financial management capabilities, delivering a more agile, accurate, and efficient debt collection aligned with the agency's mission for service excellence.

**Healthcare Programs
Teaming and Partnering
Opportunities, contact**

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