



Our Technology Capabilities

We create innovative, cost-effective solutions for federal & state agencies.

As the digital landscape becomes more complex, agencies need new tools to manage processes while extracting and analyzing the right data for their mission and mandates.

Our blend of clinical and IT expertise allows HMS to support key elements of the healthcare delivery life-cycle for federal and state agencies. Our extensive technology capabilities focus on three primary areas: solutions, services, and workflow improvement & process consulting.

Solutions

We create and tailor solutions to help you work better, address challenges, and discover cost and time savings.

Custom Software Development

- CMMI-Dev 1.3 Level III Maturity Rating
- Defined Lifecycle Methodologies including Agile, Scrum, Waterfall, etc.
- Requirements Gathering, Analysis, and Development
- Application Security
 - SSL Encryption
 - Two Factor Authentication
 - Role Based Security
 - Cryptographic Compliance
 - Transaction and Log Assessments
- Design, Implementation, and Maintenance
 - Technologies include, but are not limited to, the following: JavaScript, Java, Angular 2.0, MCV, C#, ASP.NET, VB, HTML 5, CSS
- Human Centered Design (HCD)

Applications & Tools

- SharePoint Development/Customization including Workflow Processes
- Pega Platform Development/Customization
- Survey Data Collection
- Survey and Certification Management and Reporting
- State Agency Dashboards integrated w/ ASPEN and iQIES
- Medical Claims Review
- Compliance Review
- Document Management
- Event Registration and Support
- Bill Processing
- Content Management Systems
- Secure Mail & Document Transfer

Services

We offer a comprehensive range of database, IV&V, digital media, technical support, infrastructure support, and systems integration services.

Database Services

- Design, Development, and Implementation
 - Technologies include, but are not limited to, the following: SQL Server, Oracle, Tableau, SAS, MS Access, MySQL
- Data Management & Policy
- Data Collection, Analytics, Modeling, and Reporting
- Data Migration (ETL)
- Data Visualization
- Database Optimization

Independent Verification & Validation (IV&V) Services

- Automated Testing Activities
 - Technologies include, but are not limited to, the following: Selenium, TFS, BrowserStack, HP UFT, WebDriver
- Release, Deployment, Integration, and Usability Risk Assessments
- Technical and Managerial Independent Evaluations
- Evaluation and Assessment of Requirements and System Artifacts
- Process Assessments and Incident Reports

Digital Media Services

- Video Editing, Production, and Publication
- Graphic Development
- Social Media and Permission Marketing
- Interactive Training and Tutorials

Technical Support Services

- Webinar Hosting and Support
- 508 Compliance of Video and Documentation
- Transcription
- Help Desk

Systems Integration

- Assessment of Discrete and/or Disparate Systems
- Business Process Modeling (BPM)
- Systems Interface Control Diagrams (ICD)
- API Development

Workflow Improvement & Process Consulting

We help streamline and optimize your workflow and processes, and advise you on leveraging emerging technologies to stay on the leading edge.

Consulting

- Process Review, Planning, and Improvement
- DevOps Implementation
- Risk Management and Cyber Security
- Quality Audits, Process Improvement, and System Reviews
- State Technology Assessments

Emerging Technologies

- Artificial Intelligence (AI)
- Internet of Things (IOT)
- Robotic Process Automation (RPA)