Mindboard
Leading the curve in modernization of today's enterprises
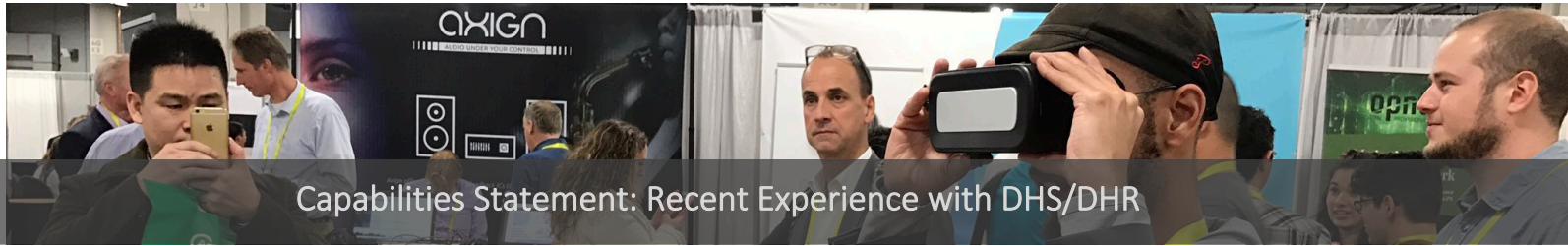
Capabilities Statement: Recent Experience with DHS/DHR

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Established in 2011, Mindboard is an enterprise modernization firm specializing in assisting clients to improve their operations across functional areas. Mindboard's technology strategy streamlines implementation through strategic assessments, risk analysis, engaging best practices in user experience, and leveraging focused technology product lines for the best outcomes.

Past Performance

Our recent DHS engagements have been at:

- Dept. of Human Services, State of MD
- Montgomery County, MD DHHS

Products

Mindboard's state-of-the-art technologies in computer vision, artificial intelligence, and machine/deep learning offers specialized solutions with security, scalability, and low upfront and on-going costs.

Our custom products include:
- Zero-footprint BI/Analytics Engine
- Audio/Video/Media Rating Engine
- Integrated Case Management Solution
- Business/Technology Strategic Planning
- Business process Re-Engineering

Mindboard utilizes other COTS and open-source platforms according to project/ client need.

Our Core DHS Competencies

Mindboard is a management and IT professional consulting services firm providing expertise to DHS/DHR agencies in end-to-end application development, DevOps, change and configuration management, and total quality management/automation testing. Our team of developers and system architects position our clients for success through several domains including legacy system modernization building custom applications, configuring COTS products, application upgrades, data migration, management training & documentation, & through emphasizing best practices in application development.

Eligibility Systems
Custom Web-based (Angular/Vue JS); COBOL/ CICS; SalesForce/APEX; SharePoint; Siebel; micro-services, kubernettes, docker, AWS; CORTICON

Data Migration
EDQ; SSIS; Informatica; DataStage; Hadoop-SPARK-Python-Scala

Business Process (Re)Design
Records Management; Business Process Maps, Program & Project Mgmt.; UX/UI

Rapid Prototyping
OCR/Search with Apache TIKA and Tesseract; QA Automation; FOP/iText Notice Gen

Data Support
RDBMS (PostGres, MS SQL, Oracle, MySQL); IBM DB2; MongoDB; NoSQL; MarkLogic; Neo4j

Our Differentiators

Mindboard's three-dimensional methodology (People, Process, and Technology - PPT) develops an understanding of each of the functional elements within any ecosystem. Our development approach extends the strategy and scope of the business and technical objectives through our core strength in end-to-end delivery. These technology solutions leverage our depth of experience in business and technical consulting alongside COTS and custom products development, offering practical and measurable success to our clients.

Mindboard is a EMC IIG Partner, Google Enterprise Partner, and Oracle Gold Partner

Our Capabilities Deployed at Recent DHS Projects

Agile/SCRUM DevOps
Certified PMO support/oversight; Waterfall, Agile, Lean Agile, and Agile SCRUM methodologies

Change & Configuration Management
Configuration Identification, Change Control, Configuration Status Accounting & Audits

Total Quality Management/Automation Testing
Planning, Automation, Prioritization, Reporting, Quality Metrics, Traceability, Quality Dashboarding, Migration Fallback

White-papers / Case-studies
https://medium.com/mindboard

Application Upgrades & Migration
UI/UX redesign, Bus. Process Redesign, Arch. incl. E2E overhaul of COBOL/CICS/DB2 legacy systems

Data Support / Migration
Data Analysis, Mapping, Architecture; Database Design & Administration; Data Transformation (traditional ETL/MDM tools as well as BIG data SPARK based frameworks)

End-to-End Application Development
Initiation, Requirements, Design, Development, System Test, UAT Support, Training, Documentation, Product Deployment, Post-Production Support