

Making Data an Enabler – Not an Inhibitor – of Strategic Programs and Enterprise Systems



Data is the foundation for enterprise systems and processes. Through more effective management and stewardship, we ensure the accessibility, integrity, interoperability and resiliency of enterprise data.

Agilex’ data architecture team helps organizations define the processes, standards, policies and technologies needed to effectively manage, enrich and preserve enterprise data and related metadata throughout its lifecycle. Our core focuses include strategies, such as Master Data Management (MDM), for maintaining ‘one version of the truth’ across an organization. We leverage these capabilities to develop highly dynamic and responsive data warehouses, which provide users with new insight and understanding. Our professionals are also experts in optimizing database performance, working to improve resiliency and scalability while lowering hardware, software and operational costs.

Features

Agilex offers integrated teams of architects, data modelers and databases engineers that are experts in making information accessible and interoperable while lowering the cost to manage it:

- By working collaboratively with clients to identify both near- and long-term requirements, we can develop the architectures, taxonomies, master data definitions, metadata models, governance structures and database designs needed to improve operational performance and efficiency.
- Extensive, OEM-level experience with major vendors including Oracle and Microsoft.

We provide clients with a consolidated view of enterprise data:

- We help them implement a requirements-driven Master Data Management strategy and utilize specialized resources for improving data quality.

- By consolidating and reconciling data, we can lower storage and operational costs and improve system performance.

Agilex puts data to work to deliver the insight and intelligence needed to make critical decisions:

- We work closely with in-house statisticians and econometricians to develop and optimize data warehouses for specific applications and requirements.
- Our team has developed multi-terabyte implementations that deliver sub-one-second responsiveness while supporting thousands of users and millions of queries.

Agilex for Oracle Grid is a proven set of services and methodologies for realizing mission-critical performance:

- By migrating existing systems to the Oracle Grid platform, enterprises can capitalize on higher availability, more

cost-effective scalability and automated failover.

- Our extensive, vendor-level experience with the technology in critical environments allows us to implement Oracle Grid faster, more cost-effectively and with less risk.

The Microsoft Center for Enterprise Performance is our in-house competency center for leveraging Microsoft’s information management and analytics portfolio:

- Focused on ensuring mission-critical performance for key technologies, including SQL Server and SharePoint.
- Our team has developed some of the world’s largest SQL Server-based data warehouses.

Agilex is a recognized leader globally in the management of unstructured data:

- Agilex Information Discovery is our customizable text analytics solution that

Agilex Supports the Complete Information Lifecycle, Helping Clients Manage, Exchange, Analyze and Safeguard Data More Effectively.

utilizes Latent Semantic Indexing (LSI) to search for key concepts instead of keywords.

- Our semantic engineering leadership team has over a decade of experience with LSI; has multiple patents and academic papers to their name; and has developed many of the world's largest LSI implementations.

Competencies

Data Warehousing – Our solutions deliver a comprehensive, centralized and dynamic data repository that provides:

- A single version of the truth empowering data access and analysis across the organization using consistent business rules and data sourcing.
- Integration of data from multiple disparate sources to create a 360° view of the organization.
- A platform for all business intelligence (reporting, dashboards, KPIs), analytics and CRM applications.
- A foundation to apply analytics to drive optimized user experiences and performance.

Master Data Management – Agilex implements solutions and strategies to provide organizations with a 'single version of the truth' throughout their operations. We help them develop a shared information hierarchy, common terminology definitions and data models, and tools and mappings for resolving discrepancies and identifying synonyms. In addition to ensuring that decisions

and transactions are based on data that is both current and accurate, our approach to MDM is designed to reduce costs by eliminating the daily fire fighting that often hampers organizational efficiency.

Data Integration – In addition to integrating existing systems to share data more efficiently, Agilex is a leader in the use of service-oriented architecture (SOA) principles to facilitate Information-as-a-Service (IaaS). Through this model, users and applications can leverage data on demand to meet new or ad hoc requirements more effectively.

Data Cleansing - We utilize specialized tools and proven techniques to identify and eliminate data inconsistencies. By reconciling data for uniformity and accuracy, organizations can eliminate costly processing errors, ensure transactional integrity, and improve the performance of forecasting and analysis initiatives.

Database Performance Tuning – With deep expertise in major database platforms, including Oracle and Microsoft SQL server, we help organizations achieve optimal scalability, throughput, availability and failover protection. We also configure applications to capitalize fully on the often untapped capabilities of their underlying database management system.

Geospatial Informatics – Through the use of geospatial technologies, we can bring additional insight to the management of complex operations. Our comprehensive services for geospatially-enabling your organization include business analysis, systems engineering, software development and user training.

About Agilex

Agilex is an employee-owned enterprise application, solution, and advisory firm. Our noteworthy business and technology professionals offer innovative thinking on leveraging advanced technologies. We make it possible for our clients to optimize systems and exploit data to realize the value of information. Headquartered in Chantilly, Virginia, Agilex has delivered significant results for an impressive list of clients throughout federal, state and local government, and within global 2000 corporations.

WWW.AGILEX.COM