



## Information Management Solutions

*Emtec provides clients with robust and scalable data integration, data warehouse, data management and business intelligence services and solutions focused on architecting, integrating, managing and leveraging information that enhances business value. Our consultants have diverse industry experience and technical expertise in developing solutions based on the leading Data Warehouse and Business Intelligence platforms.*

### *Enterprise Information Delivery<sup>SM</sup>*

Emtec's Enterprise Information Delivery framework, provides the foundation for the Emtec's information management approach to services. Our consultants have the business experience, project management experience and technical expertise to lead large-scale engagements or more tactical projects that are focused on a specific subject area. The solution delivery practice areas support the entire lifecycle of information leading to a cohesive information strategy.

- ◆ **Information Architecture**—Services and solutions focused on designing the data architecture necessary to support current and future requirements and optimized for effective reporting and analytics.
- ◆ **Data Integration**—Services and solutions that allow data to be captured from disparate systems and transformed into meaningful business information. Applying consistent business rules and the using the right technology and practices to make quality information accessible are key elements for a scalable solution that can evolve with the business needs.
- ◆ **Information Delivery**—Services and solutions that allow organizations to leverage the information for static & ad hoc reporting, analysis, advanced analytics, dashboards and scorecards, profiling, and data mining. The value of an organization's information is truly realized once it becomes an integral part of key business decision making.
- ◆ **Information Management**—Services and solutions that focus on some of the key managing and control functions necessary for an information strategy, including: Master Data Management, Data Governance and Audit, Metadata/Business Glossary Management, and Data Quality/ Balance and Controls.

### *Key Practice Differentiators*

The key differentiators of Emtec's information management services are:

- ◆ **Life-cycle Approach to Information:** The practice services support the entire life-cycle of information, from the applications where data is produced to the point where information is used for organizational insights.
- ◆ **Focus on Solutions**—The practice focuses on identifying and implementing solutions that support the organization's business, technical and budgetary requirements. Because we are platform neutral, we select the technical approach that best meets your needs.
- ◆ **Solution Delivery Framework**—This framework emphasizes collaborative approaches that leverage Agile techniques to allow solutions to be delivered incrementally for rapid business value.
- ◆ **Engagement Model**—The underlying model focuses on helping organizations gain clarity on the strategy through discovery workshops and allows organizations to prioritize requirement through assessments, prior to investing in project delivery.

## Emtec Advantage

**Agility** – We have adopted a 4-part project approach, consisting of a goal-oriented *Assessment & Architecture* so all parties have a common view of the end-state. At a tactical project-level, Emtec has adopted a hybrid Agile *Delivery & Deployment* approach based on multiple “release-level” iterations.

**Collaboration** – Information Management projects are complex undertakings because multiple technologies are employed to deliver the business solution and having both business and technology perspectives are critical factors for success. Multi-disciplinary project teams consisting of business and technology subject matter experts must *collaborate, communicate* and *coordinate* throughout the project life-cycle to develop an effective end-product.

**Dependability** – We have established mature processes to manage project scope, and provide timely advice & guidance to help clients deliver projects on-time and on-budget. Furthermore, we place a priority delivery of the highest value business features so information consumers start to utilize business value as early as possible in the project lifecycle.

**Quality** – We employ best practices and leverage the expertise and experiences of our senior consultants to deliver quality results that stand the test of time. We apply quality management principles in the design of key processes to capture and present information.

**Leadership** – Emtec is staffed with senior consultants who are experienced in the role of mentors and trusted advisors. The consultants have the technical skills and business |experience to provide customers with *technical guidance, knowledge transfer and best practices* recommendations.

**Efficiency** – Emtec believes the least complicated technical architecture that meets the functional requirements is the most *stable, secure* and *supportable* platform for information delivery projects. We thoroughly examine the technical architecture via use-case analysis, and / or prototyping to validate the architecture holds up.

**Self-sufficiency** – Time for *mentoring* and *knowledge transfer* to client staff is built into every Emtec Information Management project. At the completion of a project, key client staff have intimate knowledge and skills to support the application delivered.

## Emtec Approach

Emtec has adopted a hybrid Agile engagement methodology. Following a waterfall approach for large-scale enterprise projects, we begin with a Discovery, followed by Assessment and Architecture phases and once the functional requirements and solution architecture has been approved, an iterative rapid Development and Deployment phase is implemented.

- ◆ **Discovery**—In a workshop environment, we work with business users and the IT organization to align the business goals with deployment strategies, determine the business value and prioritize their resolution. The outcome is a findings document and a high-level project roadmap.
- ◆ **Assessment & Architecture**—A detailed assessment is performed on one or more dimensions or subject areas to identify all functional requirements, and develop strategies to address. The outcome is an information architecture, and a work plan that includes costs, duration, staffing and a high-level project plan to execute against.
- ◆ **Develop & Validate**—Development & Validation processes (unit test) are followed to implement the dimensions or subject areas identified. This might include a service oriented architecture (SOA) for real-time integration with operational and analytical applications.
- ◆ **Deploy and Support**—Finally, complete a testing protocol including system and performance testing, UAT and migrate the new application into a production environment, in a non-disruptive manner. Deployment might include, documentation, training and go-live support.

### About Emtec

Established in 1964, Emtec, Inc. is a systems integrator that provides IT services and products to the federal, state, local, education and commercial markets. Our market leading value-based management methods, coupled with best-in-class IT technology, application development services and strategic IT consulting, address a wide range of specific client needs, as well as support broader IT transformation initiatives. Emtec's service capabilities span the United States, Canada and countries around the globe.