



Helping clients navigate the course of change.

What is Enterprise Architecture?

Enterprise Architecture (EA) is at the heart of any IT initiative and forms the core intellectual property of any enterprise. Well defined EA provides the blueprint and description of all the systems, components, structure and inter-relationships, procurement plan and processes to develop the products for the organization. Whether it is related to existing technology or the need for new systems, EA provides a strong foundation to leverage existing assets and implement new applications. Organizations can be well positioned with competitive advantage and can adopt business process changes quickly when armed with strong EA governance and planning. Changing and demanding nature of business requires IT to respond quickly and EA provides the capability to respond to these challenges efficiently.

We work with executive leadership and technology teams to build a strategic framework, assess the existing infrastructure, help create an organizational blueprint on architecture, define the technology standards and policies, roadmap for future transitions, provide infrastructure expertise. Whether it is ongoing maintenance or expansion of systems due to organic business growth, mergers and acquisitions, we can help you design, build, and maintain the systems for high performance.

Navigator Enterprise Architecture Capability Team

All of the Navigator Management Partners enterprise architecture (EA) consultants have previous experience working for the former 'Big Six' consulting firms with an average of 12 years of EA and project management experience. Our consultants bring the expertise working on some of the industry's best architecture methodologies such as TOGAF, Zachman Framework and well versed with the emerging technologies such as Service Oriented Architecture (SOA) based vendor solutions.

Capabilities

The Navigator Enterprise Architecture Team offers the following solutions:

- Enterprise Architecture Strategy
 - EA assessment
 - EA governance
 - Architecture roadmap and blueprint
 - Development and operations architecture design
- Information and data architecture
 - Extract, Transform, and Load (ETL)
 - Data warehouse and data-marts
 - Custom reports
- Service Oriented Architecture (SOA)
 - SOA Assessment & roadmap
 - SOA Governance
 - SOA Analysis and design
 - SOA Implementation
- Enterprise Integration
- System management and database administration

Sample Projects

Project Description	Role	Results
<p>Perform Technology Assessment, develop SOA prototype, design and implement service oriented architecture for communication company integrating end-to-end business processes including provisioning and accounting transactions</p>	<p>Program Lead and SOA Architect</p>	<ul style="list-style-type: none"> • Increased business agility from flexible, automated business processes • Reduced cost of integration and implementation time • Improved leverage with higher re-use of systems • Stronger integration with partners' (vendors, clients) systems
<p>Build Enterprise Technical Architecture for global business transformation and Shared Services implementation for the largest privately held Travel Services company.</p>	<p>Technology Solution Architect</p>	<ul style="list-style-type: none"> • Developed architecture roadmap and blueprint aligned to corporate strategy • Loosely coupled interoperable operational and reporting architecture with high availability (99.999%) to run Oracle E-Business suite finance, CRM applications, and data warehouse • Integrated middleware providing insights from real-time travel data
<p>Design and Build a data warehouse, dashboard and portal for one of the largest city housing authority to provide senior management insights for efficient administration of properties with over 175,000 apartments housing more than 400,000 residents</p>	<p>Technology Lead</p>	<ul style="list-style-type: none"> • Online reporting portal and dashboard with over 10 scorecard metrics providing timely and accurate measurements of strategic & operational targets • Re-aligned and prioritized initiatives & resource allocation for City Authority. • Improved planning and budgeting • Integrated and consistent view of data from numerous disparate sources • Increased productivity of City Authority's reporting team • Higher visibility and efficient resolution of issues

Challenges, Solutions and Benefits:

Challenge	Capabilities	Benefits
<ul style="list-style-type: none"> ▪ Infrastructure cannot respond quickly to changing and complex business needs 	<ul style="list-style-type: none"> ▪ EA Strategy ▪ SOA Governance and design 	<ul style="list-style-type: none"> ▪ Higher business agility ▪ Easier implementation of process changes ▪ Higher productivity with service reuse and reduced need for development
<ul style="list-style-type: none"> ▪ High cost of development and systems integration 	<ul style="list-style-type: none"> ▪ EA Strategy ▪ Enterprise Integration ▪ Application design and development 	<ul style="list-style-type: none"> ▪ Reduced cost with service reuse and extensible design ▪ Better use of adopted technologies ▪ Reduced risk with proven framework
<ul style="list-style-type: none"> ▪ Procurement cycle is long and complex 	<ul style="list-style-type: none"> ▪ EA Strategy 	<ul style="list-style-type: none"> ▪ Procurement requirements are consistent enterprise wide ▪ Quick and simple buying decisions ▪ Faster procurement of hardware and software • Consistent use of standards and policies
<ul style="list-style-type: none"> ▪ Lack of information / real-time data needed for business monitoring and analysis 	<ul style="list-style-type: none"> ▪ Information and data architecture ▪ Enterprise Integration 	<ul style="list-style-type: none"> ▪ Ability to measure performance effectively ▪ Better insight into business w/ real-time data ▪ Easier data integration
<ul style="list-style-type: none"> ▪ Difficult to integrate multitude of disparate systems 	<ul style="list-style-type: none"> ▪ EA Strategy ▪ SOA Governance and design ▪ Enterprise Integration 	<ul style="list-style-type: none"> ▪ Reduced costs of integration due to reusable and extensible architecture ▪ Leverage existing infrastructure ▪ Reduced risk
<ul style="list-style-type: none"> ▪ Resources and skills are not leveraged efficiently 	<ul style="list-style-type: none"> ▪ EA Strategy 	<ul style="list-style-type: none"> ▪ Higher use of resources /skillsets with consistent set of technologies and standards ▪ Reduced need for training and re-tooling of resources
<ul style="list-style-type: none"> ▪ Applications have little or no portability i.e. developed for one platform does not work with other 	<ul style="list-style-type: none"> ▪ EA Strategy ▪ Application design and development 	<ul style="list-style-type: none"> ▪ Industry standards applied consistently across the enterprise ▪ Applications more flexible to work to work on multiple environments ▪ Increased reuse of developed applications
<ul style="list-style-type: none"> ▪ Low interoperability i.e. applications do not talk to one another 	<ul style="list-style-type: none"> ▪ EA Strategy ▪ Application design and development 	<ul style="list-style-type: none"> ▪ Future integration of applications and systems are cheaper and faster ▪ Infrastructure more nimble and responsive
<ul style="list-style-type: none"> ▪ Under utilized infrastructure 	<ul style="list-style-type: none"> ▪ EA Strategy 	<ul style="list-style-type: none"> ▪ Reduced operational costs ▪ Higher leverage of existing infrastructure