



LARRY WILSON
Principal-in-Charge



information systems consulting overview

TCBA's Information Systems Consulting practice offers a comprehensive scope of services specifically designed to enhance the efficiency, effectiveness, and quality of client organizations. For over ten years, TCBA has provided information technology services to meet the rapidly changing needs and requirements of government and commercial customers. To assist our customers in keeping up with the quick pace of technology, we have focused on providing our customers with the critical leadership, frameworks, methodologies, and resources needed through our enterprise planning and program management services.

TCBA's Information Systems Consulting services include but are not limited to the following:

- Enterprise Planning
- e-Government
- Technical Program Management
- Systems Implementation
- Requirements Definition
- Security and Internal Controls
- Network Infrastructure
- Technical Staff Augmentation

"I would like to take a moment to let you know how pleased we are with the work that your firm has done for T-Mobile USA. The daunting task of creating a business model and cost structure for T-Mobile was completed to our needs and in the timeline that was presented to us.... T-Mobile was also pleased with the professionalism and accuracy of the TCBA team that worked on this project."

Paul E. Bender
T-Mobile USA

ENTERPRISE PLANNING

Increasingly both public and private sector organizations are recognizing the value of long range enterprise planning. Enterprise architecture provides the blueprint, or architecture, for the organization's information systems infrastructure. TCBA is a recognized leader in providing enterprise-planning services to its many government and private sector customers. During the last four years, TCBA has provided enterprise-planning services for both public and private sector customers such as the District of Columbia and the AARP. Our unique team approach is designed to focus our world-class professionals to assist organizations to migrate their Information Technology infrastructure from early stage to maturity.

To make the organizational transition, TCBA uses a Best Practice approach to enterprise architecture development. This approach is based on proven methodologies and our Firm's experience. The objective of this approach is to allow for the iterative and incremental development and delivery of the enterprise architecture. To make it happen, our team includes professionals with experience garnered through active participation with clients of all sizes and at all stages of systems development.

As such, results are available to an organization or agency more rapidly, allowing for immediate value across the organization and for feedback and process improvement to the enterprise architecture. Dependent upon the overall size and complexity of the organization's enterprise architecture initiative, multiple enterprise architecture development life cycles may be conducted. Each complete development life cycle results in a distinct version of the enterprise architecture.

E-GOVERNMENT

Our e-Government services are designed to assist Federal, state and municipal governments to extend their constituent services through the Internet. TCBA has played integral roles in the development of e-Government strategy and implementation. In particular, our team assisted the District of Columbia in transforming its web portal from among the worst in the country to one of the most highly recognized and award-winning government web sites. In part, this effort included the integration of key legacy systems to the portal to provide customer services such as parking ticket payment and motor vehicle transactions. We also assisted in streamlining the development, management and dissemination of content through the deployment of centralized content-management tools.

Our e-Government services are extensive and include, in part, program and project management, technical and application design, systems requirements development, risk analysis, strategic planning and risk mitigation support.

TECHNICAL PROGRAM MANAGEMENT

TCBA provides senior leadership for the management of technical programs and projects. Our team of professionals has been deployed to assist government and private sector clients with both large and small projects. Our team brings proven management techniques and methodologies including project controls, issues tracking, risk management and assessment, vendor and supplier readiness assessment and tracking, development of testing standards and oversight, quality assurance controls, system and user acceptance testing standards and documentation.

ENTERPRISE SYSTEMS INTEGRATION

Effective Enterprise Application Integration (EAI) requires a combination of business and technical expertise. TCBA's consultants have proven industry and applications knowledge to transform business processes into technical solutions. They understand design considerations for building a scalable and robust architectural foundation and are experienced in integration strategies that maximize value in implementation. TCBA's approach to EAI speeds application integration, minimizes custom development, and significantly reduces IT development and maintenance costs.

INFORMATION SECURITY AND INTERNAL CONTROLS

Information security and controls are the management, operational, and technical safeguards and countermeasures prescribed for an information system which, taken together, adequately protect the confidentiality, security, integrity, and availability of the system and its information. TCBA's information security and internal controls are designed to help organizations answer three important questions:

- What security controls are needed to adequately protect the information and system that supports the operations and assets of the organization in order to accomplish its stated mission, protect its assets, fulfill its legal responsibilities, maintain its day-to-day functions, and protect individuals?

- Have the selected security controls been implemented or is there a realistic plan for their implementation?
- What is the desired level of assurance, are the selected security processes control and the security controls effective in their applications?

TCBA's information security professionals provide many services to our clients, including:

- Periodic assessments of risk, including the damages that could result from the unauthorized access, use, disclosure, disruption, modification, or corruption of data and information systems that support the operations and protect the assets of the organization;
- Policies and procedures that are based on risk assessments, reduce information security costs and risks to an acceptable level, and ensure that information security is addressed throughout the life cycle of each organizational information system; and
- Security plans for providing adequate information security for networks, facilities, information systems, or groups of information systems, as appropriate.

NETWORK SERVICES

Today, both wireless and next-generation wired network solutions have to deliver immediate access for customers, partners, employees and suppliers without compromising the security of the client's data. These solutions also have to be readily and cost-effectively adaptable to support organizational changes such as mergers and acquisitions. Moreover, they have to streamline implementation of new business models including transactional Websites, supply-chain management, outsourced business functions, B2B collaboration, and Customer Relationship Management (CRM) via the Internet. TCBA Network Services provide a unique combination of top-tier services. These services include:

- A collaborative, customer-centered approach focused on client-specific needs;
- Sophisticated network staging and deployment capabilities;
- Extensive project management experience and expertise;

- Customized engineering and consulting support for complex internetworking efforts;
- Use of state-of-the-art network management solutions such as HP OpenView;
- Proven methodologies and best practices to provide assurance and enhance financial management;
- Multi-vendor support capabilities to ensure successful network integration and continued operations; and
- A full portfolio of mission-critical support services to help maximize network availability and performance.

TECHNICAL STAFF AUGMENTATION

TCBA also provides senior-level technical management, project management, database administrators, application developers and network engineers to add the experience and technical competency needed to bolster our client's project team.