Systems Architecture and Integration

Success at the systems architecture level begins with understanding how systems meet users' needs, as well as how a given system fits within an agency's enterprise architecture. Since most systems share information with other systems, it's also critical to plan and execute an effective systems integration approach. Dev Technology Group, Inc. (Dev Technology) considers each of these aspects as it modernizes legacy system assets or develops new applications and interfaces for changing mission and business needs.

Business Challenges

Many organizations face the challenge of implementing new business processes and technologies within environments that include legacy systems built in a stove-piped fashion over a number of years. System owners and users rely heavily on these systems and the data and results they provide. However, they must also adapt to changing policies and increasing technological needs, as well as implement new systems to meet updated missions. Often this means sending or receiving data and information from new systems or information sources. Meeting the requirements of these fast-paced changes leads to system modifications and enhancements that continue to put pressure on an organization's budget.

How We Can Help

Implementing new systems or modifying existing ones requires the right approach and selection of the right technology base — whether it's a custom browser-based application or a COTS implementation. At Dev Technology, we help agencies process, apply, and share information more securely and effectively by strategically aligning systems with enterprise architecture and creating flexible integration solutions.

Dev Technology offers a holistic approach to developing a systems architecture and integration solution. We begin by building an understanding of the business context for the system, focusing on all stakeholders' needs. Then we select technologies that are leading and proven within industry, validate the chosen approaches against any governing enterprise architectures, and prove the system concept through rapid prototyping. Our solutions range from web-based transactional applications to complex systems that fit the overall accessibility and integration strategy for the enterprise. We're skilled in technologies such as Service Oriented Architecture (SOA) using custom brokers, Enterprise Application Integration (EAI) and Enterprise Service Bus (ESB) technologies, and Extract, Transform and Load (ETL) tools.

What You Can Achieve

> Increased flexibility and speed in addressing new business requirements
> Greater value from existing applications, information, and business processes
> Real-time access to accurate business information
> Reduced total cost of ownership
> Eliminated manual processing errors
> Easier processes for adding best-of-breed applications

EXCEEDING EXPECTATIONS **BY DESIGN**

U.S. Department of Energy

Modernizing Document Management System To Meet New Requirements

The Office of the Executive Secretariat in the Department of Energy needed to modernize its legacy document tracking system to eliminate constraints. Working with its prime, Dev Technology used its client-specific process expertise to serve as an internal advisor and to lead the development of a system modernization plan and hardware / software architecture blueprint aligned with the client's mission goals and objectives.

The approach began with collecting and analyzing status quo IT systems data within the Office and helping to define objectives. Using these as inputs, the team led the client through the hardware and architecture design and selection process, providing technical guidance and on-the-ground support. The final IT architecture plan was validated against the agency's technical standards.

The result was a modernized system that met the standards and requirements for admission to the Agency's newly implemented web farm. The new system eliminated application and hardware bottlenecks, points of failure and performance problems. Finally, the COTS-based solution provided a flexible platform to meet the changing needs of the Office's users.

The Dev Technology Difference

We succeed by moving quickly to understand and embrace our client's mission — and then doing whatever it takes to help the client meet its specific goals. Our team has strong capabilities across the system and application development lifecycle. Our experts work with client staff to analyze business requirements and plan appropriate system and application architectures. At the same time, our experience and innovative solutions allow us to ensure that our clients' applications efficiently and effectively meet user needs, as well as standard architecture guidelines.

With a sterling reputation for responsiveness, we can often meet specialized requirements in a matter of hours or days, rather than weeks. Just as important, we set the standard for attracting and retaining the best IT professionals, with a retention rate of more than 95%.

Dev Technology Recognized as Industry Leader

Led database design and development on two Department of Homeland Security systems that received **E-Gov Pioneer Awards.**

Awarded **BMC Remedy Award of Excellence** for innovative implementation and functionality of the Remedy ITSM Suite.

Achieved **ISO 9001:2000 certification** in administration, execution and management of software systems and application development.

Ready to move ahead? We're ready to lead.

We have earned a reputation for providing our government clients with outstanding expertise and service. Since 1998, our firm has grown rapidly, serving on a wide variety of application and web-based development projects for six of the 14 Cabinet-level agencies. As a minority-owned, small disadvantaged business (SBD), we can work directly with agencies or with prime contractors. Our team's flexibility and focus allow them to hit the ground running — and work seamlessly with our clients' own organizations.

To learn how Dev Technology can provide the IT solutions your organization needs to succeed, please contact us at (703) 860-8135.

Corporate Details:

> SBA Certified Small Disadvantaged Business
> GSA IT Schedule 70 (GS-35F-0897R)
> DoD Mentor Protégé Program
> NAICS Codes: 541511, 541512, 541513, 541519

ORACLE PARTNER

Our Federal Clients Include:

> Department of Homeland Security
> Department of Defense
> Department of Justice
> Department of Energy
> Department of Treasury
> Department of Agriculture

EXCEEDING EXPECTATIONS **BY DESIGN**