Application Integration

Many organizations have dozens or hundreds of applications, databases, document repositories and other information processing and storage environments. New business and operations requirements can frequently be effectively addressed with relatively simple integration of existing application and information sources.

Avistas has extensive experience in effective and rapid integration of applications to meet new business requirements. Our experience has shown us that focused, well crafted efforts have much higher probability of success than large "big bang" applications projects. Our areas of expertise include the following:

- Business Requirements
- Architecture and Design
- Data Consolidation, Storage and Warehousing
- Development, Testing and QA Processes
- Services Oriented Architectures
- Web Services
- Managed Applications
- Project Management

Business Requirements

Clear understanding of the business goals and requirements is critical to success. Avistas professionals understand how to direct the requirements process to assure business goals are correctly identified, understood and agreed before application and data development processes begin.

Architecture and Design

Avistas will work with you and you staff to assure that your short term and long term data and applications architecture will effectively support the defined business requirements. We use a reasoned, standards-based approach to applications and data design.

Data Consolidation, Storage and Warehousing

Integration of disparate information sources and consolidation of information stores is important to security, access and simplification of data management. Avistas can design and manage data consolidation to meet the needs of the applications integration process.

Development, Testing and QA Processes

As application and integration development progresses, Avistas can assure that adequate management, testing and quality assurance processes are in place to validate that the effort meets the defined business needs.

Services Oriented Architectures

In today's environment, interaction among applications is governed more and more by standards-based interfaces, frequently based on XML protocols and data structures. The Services Oriented approach enables simpler interaction among applications using agreed upon definitions for data elements, security and services requests. Avistas participates in the International standards bodies that build and deploy these SOA structures.

Web Services

The end user graphical interface for applications is more and more based on standard web browser capabilities, possibly with Java or Active X "run-time" processes passed to the browser to enhance the functionality of the interface. Avistas can help assure that new applications can be used by an end user with only a web browser, significantly simplifying the deployment processes.

Managed Applications

When resources or skill sets are not available to develop and deploy applications internally, an externally hosted, managed software approach may be used. These are frequently easy to deploy and can frequently be purchased on a "per user" basis for easy budget management.

Avistas has the expertise to assure that business needs are met and information security is maintained for sensitive information.

Application Integration

Project Management

The success of any project hinges on effective and engaged project management. Avistas professionals can provide direct, hands-on, day-to-day project management or can provide mentoring and quality assurance to your project management resources. On large projects, we frequently provide the program management where your team provides project management for each major segment of the project.

The objective is to be on-budget, on-time and with no surprises for management.

Avistas Practice Areas

Management
- Business Intelligence
- Project Portfolio Optimization
- Change and Asset Management
- Human Capital
- Acquisition, Mergers and Divestitures
- Governance and Compliance
- Business Process Optimization
- Services Delivery Management

- Knowledge Performance Management
- Program, Project and Product Management

Technical
- Application Integration
- Infrastructure and Technology
- Development Support

Contact: Bill Morgan
214-544-0400
bmorgan@avistas.com

AVISTAS
The Summit at Las Colinas
545 E John Carpenter Fwy, Suite 300
Irving, Texas 75062
Tel: 214-544-0400
Fax: 214-242-2311
www.avistas.com

Application Integration