



★ APPLICATION ARCHITECTURE DESIGN SERVICES

The proper design of a new application, including the interface requirements for internally developed software and third party vendor software, is defined through our custom application architecture. Our consultants work closely with the client's development team to define the application architecture for new software development and identify the requirements for vendor software implementation. Our services include:

- Application architecture design
- Multi-tier application design
- Vendor software evaluation, selection and implementation
- Implementation of enterprise standards and methodology
- User interface design
- Application web design
- Rules engine design
- Business and technical specification documentation
- Business intelligence strategy and implementation
- Messaging strategy
- Logging framework
- Application interface design and build
- Development tool selection
- Legacy application replacement planning and execution

★ DATABASE SERVICES

One of the most important and costly assets in any company is accurate data. Data drives every downstream process and its accuracy is a critical ingredient of any firm's formula for success. Although often viewed primarily as part of the IT function, Actualize views data management as being a vital business function. Our unique blend of business and technology experience, allows us to provide solutions to key issues across all vested stakeholders. We offer a broad range of data services to assure that your data management will always be accurate, efficiently processed and tightly controlled. Our services include:

- Data sourcing
- Master and reference data management
- Data warehousing
- Data quality review and analysis
- Data governance
- Data architecture
- Data mart logical design
- Database physical design
- Data integration
- ETL specifications
- Database management systems selection
- Database implementation and tuning

★ CORE DEVELOPMENT SERVICES

The portfolio of development tools used in today's IT market consists of a short list of Web enabling languages and four major DBMS options. Our developers have experience across a number of these tools, languages, and databases. The toolkit currently used by Actualize Consulting to develop and maintain applications includes:

- C++ / C #
- Java / J2EE
- .NET
- SQL
- Websphere, Weblogic
- HTML / XML / XSLT
- ETL: Abinitio, Datastage
- DB2 / Sybase / Oracle / SQL Server



★ TESTING SUPPORT AND EXECUTION

The success of any project is dependent on proper and thorough testing prior to implementation. In addition to functional testing support and execution, our consultants will assist the client with the planning and set up of all testing environments. We offer a broad range of testing related services, including:

- Test planning
- Test environment set up
- Test scripts and expected results
- Test execution and documentation
- Quality assurance testing
- Performance metrics and tuning

★ OUTSOURCING SUPPORT

Outsourcing has become a critical component of the overall IT cost saving model. The key to a successful outsourcing project is precise business and technical specifications. Working closely with outsourcing partners, our contractors leverage their deep business and technical knowledge to provide detail specifications required by remote development teams. Our services include:

- Outsourcing and offshore planning
- Outsourcing vendor selection
- Outsourcing process definition
- Identification of outsourcing targets (maintenance and development)
- Business requirements definition for outsourced applications
- Technical requirements definition for offshore development team
- Liaison role between business clients and remote development team
- Implementation support and testing of outsourced code
- End user training for outsourced applications

★ INFRASTRUCTURE SERVICES

The backbone of every organization is its technology infrastructure which includes the central datacenter, as well as, hardware and networks deployed at regional locations. Our consultants have the experience and hands on knowledge to assist clients with tactical and strategic infrastructure projects including:

- Datacenter consolidation
- Datacenter relocation
- Hardware planning and purchase
- Server consolidation
- Application infrastructure capacity planning
- Hardware vendor leasing negotiations
- Business continuity and disaster recovery solutions

★ IT GOVERNANCE

With years of experience managing complex IT functions at a senior level in a number of large financial institutions our consultants provide our clients with solutions to improve and enhance the IT model. Our consultants will help you identify and implement long and short term improvements to your IT organization. Our services include:

- Project management / PMO office
- IT organization benchmarking
- Headcount review and downsize planning
- Mentor program for senior technology managers
- Organizational change and upgrade support
- Implementation and review of IT financial and management reporting packages
- Budget forecast and planning
- IT methodology and expense streamlining
- Vendor services cost analysis and expense reduction
- IT procurement process review
- IT function expense audit and review
- Evaluate efficiencies of the Customer Relationship Management function