Solutions for the Agile Enterprise

QTECH Hybrid Systems Inc.

An eBusiness Components, Tools and Solutions Company

Toll Free: 877-748-7919
Tel: 613-233-8939
Fax: 613-667-3553
Internet: www.qtech.ca
Email: info@qtech.ca

200-38 Auriga Drive
Ottawa, Ontario
CANADA K2E 8A5

Contact:

Bill A.V. Pezoulas
CEO & President

Direct: 613-724-9726
Email: bill.pezoulas@qtech.ca

Fit your Application Software to your Business Requirement

How many times have you deployed COTS software solutions that require changes to your business process due to the limitation of the software itself?

How many times have you contemplated or undertaken a custom software solution development only to be discouraged by the complexity cost and schedule?

Address your Business Requirements in an incremental fashion

Deploying large-scale technology solutions for your business can be a disruptive process.

QTECH Hybrid Systems Inc. uses the **QBeans™** Rapid Application Development process to rapidly assemble and deploy custom applications in a fraction of the time and cost of a traditional custom software development.

Using **QBeans™**, QTECH can help your organization to create and deploy application modules in an incremental fashion, gradually building up the feature sets of your business applications module by module. Modules integrate seamlessly with one another. The scope of each module can be scaled down to cohesive sets of business requirements, shrinking the requirements to deployment time while reducing complexity and project resources.

The business application can be deployed into and integrate with the existing IT infrastructure of your enterprise.

Case Study – Zero to Solution in 30 days

Working with the Treasury Board of Canada Secretariat, QTECH used the **QBeans™** Rapid Application Development process to identify business requirements, and to design, construct and deploy a custom software application for tracking the Audit Plans and Audit Engagements of each of the federal government departments and related agencies.

The Purpose of the application was to enable the Treasury Board to track the plan and report documents received, the delays between the various significant dates associated to each document, as well as the results of their internal review of those documents. Further, the system allows the staff to record and maintain the forecast of Audits and finally to evaluate the progress to plan for each department and agency.

The first 15 days of the project were used to gather, analyse and document the Treasury Board business requirements. 10 days were devoted to the construction and testing of the application using the **QBeans™** RAD framework and development process. The final 5 days of

effort were devoted to preparing the system documentation, deploying the application into the existing Treasury Board IT infrastructure, and training the users.

The result was a solution that precisely fit the requirements of the client and was designed, constructed, tested and deployed to production within a 30-day time frame. The QBeans development process provides the ability to quickly iterate the application to add additional features as required. This ability will be of great benefit as the Treasury Board proceeds to redefine its critical business processes.

What is QBeans™?

QBeans™ is the result of a multi-year, multi-million dollar investment in a powerful application framework that revolutionizes the way desktop applications are produced in Java. Built using open standards in Java, **QBeans™** provides QTECH with the ability to rapidly assemble service-oriented applications from their business domain models.
Contructing an application with **QBeans™**.

- Eliminates a large amount of custom coding – reducing the amount and complexity of the application code, testing effort and cost
- Improves application quality – shifting the primary focus from the technical to the business requirements and enabling an iterative and user-involved Rapid Application Development (RAD) process
- Improves application longevity – enhancing reusability of application and business components and extending functionality through a modular approaches
- Improves development processes – allowing the deployment technology and business domain model to change independently of each other and easing the transition from traditional client/server models to service oriented architectures
- Improves deployment flexibility – allowing deployment decisions, such as the choice of datastore technology, to be made at deploy time rather than at design time

The **QBeans™** RAD process simplifies and shortens the development process – benefiting businesses by significantly reducing the delay between business concept and application deployment. As a result, requirements that once seemed out of reach due to cost and complexity can be rapidly assembled in a modular and cost efficient manner.

About QTECH Hybrid Systems Inc.

For more than 22 years, QTECH has provided IT professional consulting services to a broad range of government and private sector clients. The company, its employees and consultants are Architects, Business Analysts, Functional Analysts, and Senior Developers with expertise in all aspects of n-tier enterprise scale application developement, web development and complex systems integration.