

VQS

LogiXML Adds Powerful and Flexible Reporting to VQS Software

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About VQS



Georgia-based firm VQS addresses one of the most critical functions in business today – Program Management. VQS develops and markets an enterprise Program Management Solution that provides accountability for large scale business projects.

Corporate programs, designed to make significant changes in business strategy or to attain advantage over competitors, involve large expenditures of capital and human resources and require rigorous reporting. Flexible, powerful and high impact reporting is essential to success in this field. VQS chose LogiXML technology to power their reporting component.

“Our flagship product, ProgramScope, is an enterprise program management solution that addresses mission critical business requirements,” says Skip Hardin, principal consultant at VQS.

“ProgramScope does so by delivering a unique and powerful information management platform upon which our customers have successfully used this approach to effectively execute large and complex program initiatives at a faster pace and lower price point than their competitors.

“We have also enabled our customers to eliminate layers of management and to self-manage these large programs -- reducing costs and improving time to market. Our solutions are easily adaptable to any business managing complex, geographically dispersed operations.”

VQS relies strongly on innovative technology to deliver its value both internally and externally. VQS saw an opportunity to make their solution even more flexible and useful through business intelligence (BI). This search led them to LogiXML.

The Issue

“A key tenet of VQS’ Empowered Program Management approach is the concept of pushing accountability and responsibility out to the ‘edges’ of

The Customer

VQS - Program Management Solutions

The Issue

VQS customers rely on ProgramScope, their program management software, to enter project status and milestone forecast information. However, an effective BI tool was needed to enable formulation and reporting on this data.

The Solution

Logi Info for the deployment of dashboards, reporting and analysis to customers.

The Result

VQS is successfully meeting the functional and performance requirements of its customers, the largest of which is generating over 7,500 reports per week, with over 500 being computationally intensive. These services are accommodated in a virtually 100% self-service mode with little assistance or intervention required by the VQS support team.

the program to the employees and subcontractors who are actually performing the work tasks required to execute the program. ProgramScope's role-based data-entry screens provide an efficient and intuitive Web-based interface that allows participants to enter project status and milestone forecast information into the system. This results in near-real-time access to information provided by those who have the most current, first-hand knowledge of the situation on the ground.

"Critical to the success of this approach is the ability to closely monitor user compliance with reporting guidelines regarding timeliness, accuracy and consistency. ProgramScope's functionality enables the capture of information necessary to monitor compliance, however, an effective BI tool is necessary to formulate and report on this information. "A related requirement is the ability to quickly and efficiently push information out to the edges. VQS sought a BI solution that would provide a reliable and user friendly method to provide self-service reporting capabilities to both headquarters and field based personnel. We rely on sophisticated technology, so we had some ambitious requirements for the BI solution--requirements that ranged from commercial to technical."

Commercial considerations included:

- Licensing and pricing consistent with VQS' business model
- Financial soundness and long term viability of the partner
- Ability to provide necessary technical support
- The ability to establish a mutually beneficial business relationship

Technical Considerations:

- An open integration framework
- Scalability to address anticipated throughput volumes
- Use of industry standard technology
- A robust API that supported VQS functional and technical requirements
- An open framework using industry standards such as XML, SQL, etc.
- Compatibility with Web technologies such as Web 2.0, Web services, AJAX,
- An strong programming interface (API) for technical requirements
- The ability to tightly integrate the BI application with the ProgramScope UI

The Solution

VQS found a match for their requirements in LogiXML. Hardin points out that, "VQS was able to quickly establish a strong business relationship with LogiXML and their technical staff provided the level of support we needed. VQS and LogiXML were also able to quickly conclude a licensing agreement with mutually beneficial terms."

"VQS' technical review of the Logi Info product concluded that it offered the features and functionality we required." These included all of the items on our list plus a rich feature set of reporting and mapping tools, dashboards, widgets, etc. and the ability to connect to many data sources and output information in multiple formats. Platform flexibility with support for both .net and Java development environments, a programming interface that supported VQS integration requirements and the fact that Logi offered a scalable solution that could address current and anticipated volume requirements also helped Logi win the deal."

The Result

VQS went quickly to work and integrated LogiXML with their solution in a way that met their functionality and benefits requirements.

“LogiXML has proven to be a reliable and high performance engine that has successfully addressed the functional and performance requirements of our customers. Our largest customer is currently generating over 7,500 reports per week. Over 500 of these are extremely computationally intensive "Change Reports" that overlay several weeks of data into an easily visualized chronological format. In addition, the integration of the ProgramScope Report Executor (REX) driving LogiXML have allow this robust reporting requirement to be accommodated in a virtually 100% self-service mode with little assistance or intervention required by the support team,” notes Hardin.

“VQS sought a BI solution that could be seamlessly integrated into the ProgramScope environment. VQS has already made a significant investment in system administration tools, security infrastructure, audit and logging. VQS wished to maintain these functions primarily within the ProgramScope application and not abdicate ownership of these functions to a third-party application. It was deemed especially important to maintain administrative and security functions within the purview of the ProgramScope application. LogiXML met and exceeded our expectation” concluded Hardin.