Web Applications for Task Tracking and Report Generation

An interactive entertainment games producer sought help with developing an integrated solution for task tracking and report generation. The project was outsourced to Arctern with great results.

Challenge

A fast growing company involved in the development and publishing of interactive entertainment games software needed help with developing an integrated solution for task tracking and report generation. The solution was meant as a replacement for a generic task tracking tool used by managers in the company who put together data derived from this tool to manually create reports – a cumbersome and time-consuming process. Starting with sketchy inputs, a small team set about building a prototype that was shared with the client to firm up on the requirements.

Arctern Solution

A Web-based application with three-tier architecture was built with emphasis on performance and scalability. Windows Authentication was used to control unauthorized access. Both jQuery and ASP.NET AJAX Library were utilized to improve user experience. The reports, reflecting individual and team performance, involved extensive charting. The reports module also required export to Excel and PDF capability. Several ASP.NET charting tools were evaluated before it was decided that ReportViewer Control was best suited to both the requirement as well as the ASP.NET 2.0 framework targeted by the application. The detail-rich reports and charts were the centerpiece of the application.

How the Remote Hire Contributed

The Web application provided greater control and convenience for end users as well as managers who had to compile reports. It also proved cost effective as the client's existing infrastructure was Windows-based and there was zero licensing cost involved with respect to MySQL & ReportViewer Control.
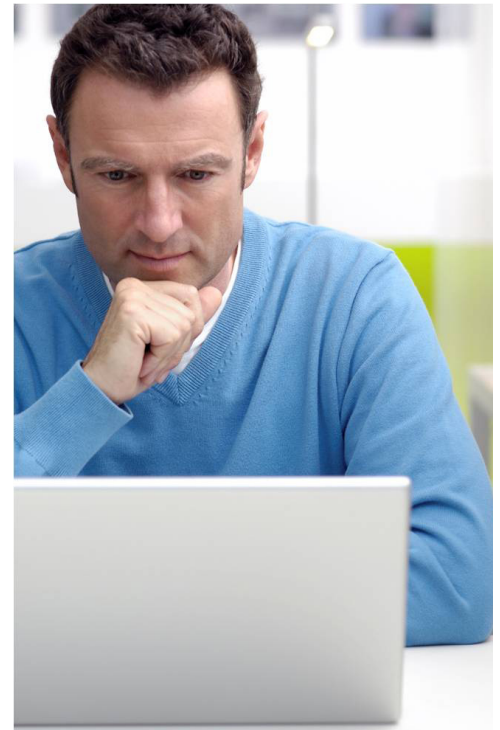
About Arctern

Arctern is a global IT & BPO services company serving the needs of businesses worldwide. We specialize in providing quality project management services, skilled manpower resources & world-class infrastructure for software development, engineering, web design, technical support, call center operations, sales and marketing, HR & recruitment, customer service, research, and back-office accounting and administration. We are committed to improving our customers' profitability and growth.

With significant industry and business experience, global resources, and a pioneering business model, Arctern can help quickly, easily, and affordably, deploy the right people, projects, and infrastructure to meet your objectives and transform your business.

Arctern is a subsidiary of Volt Information Sciences, Inc., a leading provider of global infrastructure solutions in technology, information services and staffing acquisition.

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