Case Study: IT Infrastructure Optimization

Project Objectives

A privately-held food delivery service, with operations in over ten cities, needed application development, migration support, load testing and scale-out support to optimize its IT infrastructure. As a service-oriented business, the client coordinates the delivery of food from hundreds of restaurants around the U.S., while making sure meals are delivered on-time and up to customers' expectations. This client manages a large amount of data relating restaurant meals, customer orders and customer purchases, needing to be retained as efficiently as possible. That is why the client engaged a third-party service provider to replace the previous Ruby development team and enhance its IT infrastructure.

Business Case

The company's previous IT infrastructure was inefficient, costly and not fast enough to support its growth initiatives. Since the company is privately-held and small, it doesn't have the resources or personnel to design and staff complex migrations to new IT systems. Given that migrations, load testing and other support services require specialized skills sets, the client chose a third-party service provider with the experience and capabilities to upgrade its servers and systems. A comprehensive overhaul of IT infrastructure requires hands-on experience and professional knowhow to perform correctly.

Service Implementation

Team members from WSM and our partner worked with the client to perform the services needed to improve the client's IT infrastructure. WSM handled application development, load testing and scale-out services, while coordinating the migration with our hosting partner. Implementation required excellent project management and communication skills, given all of the personnel and technical components associated with the project. Well-led project and process management initiatives are critical for upgrading enterprise-level IT systems and infrastructure.

All of the services provided to the client were divided into different phases and coordinated to minimize disruptions to the client's staff and customers. This was an important part of getting the client's personnel onboard with the changes being made to the IT systems. Given that the client had limited resources to coordinate the project, having WSM and our hosting partner handle the IT enhancements was essential for the positive results of the engagement.

Results

Within less than eight months, WSM completely redeveloped and optimized the client's platform to handle exponential application transaction growth. As part of an ongoing agreement, WSM performs load testing and tuning to ensure traffic growth needs are met, while also adding new features and performing optimization services. WSM delivered architecture consulting and migration services to scalable/elastic environment at our hosting partner, helping the client further enhance its IT infrastructure.

About WSM

Website Movers International (WSM) pioneered the web/data server migration industry in 2003. Simply put, we are the first, largest, and most experienced migration specialists in existence today, and the only company with a core focus on migrations. We've moved more websites, applications/workloads and servers than all other migration providers - combined. If it sits on a server, we've likely migrated it or something very close to it.

In addition to our superior migration expertise, we provide a comprehensive suite of solutions including website design, custom application programming & development, load testing and performance optimization, hosting infrastructure planning/consulting, 24/7/365 proactive server management and administration, compromised website and server security diagnostics/remediation, data recovery and full-function web/hosted services support & maintenance.

From migration and development to full-spectrum support, WSM is your one-stop web and hosted services solution.

Contact a WSM Enterprise Migration Account Manager to start the process of migrating your business into the cloud!

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