



VTG VIRTUAL TECH GURUS

VTG Managed Services A CASE STUDY

OVERVIEW

Virtual Tech Gurus employs current and proprietary technologies and processes to help clients design, implement and manage data center solutions aligning to business priorities, improving IT service management and enabling high performance.

Top companies increasingly position information technology (IT) as a strategic asset. They recognize that delivering discrete technology components is no longer the optimal way to generate business value. Instead, these leaders opt to manage their IT operations as an integrated, service-oriented business. In this paradigm, keeping costs low is an imperative. So is aligning IT investments with overarching business imperatives.

The shift from IT delivery to IT service management has significant consequences for data center environments, the heart of any IT capability. With the transition to service management comes the need for greater IT flexibility, server and storage utilization, and cost variability. Maturing technologies in the areas of virtualization, service provisioning and automation help address these new requirements and enable the development of data centers that are agiler than ever before. New sourcing models, as well as the emergence of cloud computing as a viable and secure platform for IT service delivery, could potentially deliver even faster, more responsive and more cost-effective data center capabilities.

Despite advances in data center technologies and management approaches, many organizations struggle to create an optimized IT service environment. The proliferation of data to be managed makes the need for better storage, server and database solutions readily apparent. Many organizations lack the necessary resources to untangle and replace their complex and costly legacy infrastructures. Large organizations find it particularly daunting to centralize geographically dispersed data centers and efficiently manage multiple sourcing providers.

Most organizations understand the value of optimizing their data center environments. They often don't know where or how to begin. VTG can help.

Delivering business-led and service-oriented data center transformation services

VTG's comprehensive range of data center transformation services helps clients potentially reduce their IT complexity, improve scalability, and achieve significant gains in data center efficiency. Our business-led and service-oriented services satisfy specific IT delivery needs and, at the same time, could generate outcomes aligned to defined business priorities.

Data center optimization

Data center enhancement helps clients deliver more efficient and cost-effective data center services to business users while improving service availability.

We help clients develop a data center capability that can scale server availability as needed, significantly enhance storage capabilities, provide the business case to secure funding, and execute the data center migration. The potential benefits include a 30-50 percent reduction across facilities, real estate, IT support, maintenance and resource costs.

Data center automation

Data center automation automates the typically manual tasks associated with provisioning, patching, and support of data center services. We help clients analyze business requirements and goals, identify, and automate solutions to, commonly known problems associated with the provisioning and management of data center services, construct a supporting business case, develop migration plans, execute part or all of the operational migrations as well as standardize and consolidate underlying infrastructure technologies. The potential benefits include up to 100 percent reduction in manual labor, reduced production support and maintenance costs, automated and enhanced reporting of compliance and configuration, faster delivery and improved quality of data center services to end users.

MIGRATION

Hybrid cloud

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Because improving the environment on the target hardware is an integral part of our approach, we also upgraded all servers to the latest virtual hardware and VM tools, and right-sized some servers that were overprovisioned. When the migration was complete, we worked with the customer to test and validate the applications.

By using industry tools and ZENfra™, we were able to complete the migration during the customer-approved window with minimal downtime. This methodology has velocity (30 percent faster) and is very efficient, requiring less resource to complete the migration.

Although the customer had given us a six-week period to complete the migration, it was completed seamlessly, efficiently and successfully within five weeks without issue. The customer commented that there was nothing in the process that could have been improved, and they were extremely happy with the way the project was managed.

SOLUTION

Key Benefits

- Flexible infrastructure
- Lower total cost of ownership
- Seamless migration of 750 servers in five weeks
- Faster migration 30% faster than conventional methods
- All VMs configurations validated with 25-point health check
- Improved environment
- Minimal downtime – 40% less than conventional migration methods

Working with VTG

VTG partners with your organization to enhance information technology departments, support roles, and provide integrated solutions. We work as part of your team, solving business needs and becoming a trusted partner.

We work closely with you to align business needs with technology. We identify solutions that offer a cost-effective approach by leveraging the technologies you currently have. Our team can move your applications and workloads to the cloud with ease. We help plan and oversee your company's migration and help your business by reducing downtime and eliminating hardware costs.

For more information

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