



THE WORLD'S LARGEST GAMING SOFTWARE PROVIDER REQUIRED A DATA CENTRE REFRESH IN A VERY SHORT SPACE OF TIME, DUE TO LEGISLATION CHANGE.

DYNAMIC DATA CENTRE IMPLEMENTATION

Business Background

Online gaming is one of the fastest growing industries characterised by high variability in user demand. Our client is the world's largest gaming software provider, and their network brings together players from all over the globe.

The business places demand and value in, their IT infrastructure and their data centre partners. While the client must be responsive to users worldwide, data centre providers must be able to deliver mission critical solutions to a diverse geographical footprint. Any downtime has huge cost implications to the client's operation so delivering the right solution is imperative, there is no margin for error.

With very unpredictable transactional volumes, "on the fly" flexibility is critical; however, over provisioning can easily affect both operations and profitability, so solutions need to be tailored to a "pay as you go" model. On short notice, the client now needed to increase storage capacity by 50% in 21 days' time to cope with forecasted growth, while maintaining their existing infrastructure and service levels.

Approach

We knew that the client's competitive advantage depended on the infrastructure, flexibility and resilience of their IT environment and critical systems. As their technology partner, we also understood their specific needs.

Given the client's timeframe, project planning was critical and Viadex had the experience and infrastructure to deliver the solution on time. The logistics of delivery and installation would also be critical, requiring a real team approach between Viadex and the vendor. Viadex, as vendor neutral, also were able to negotiate deals with multiple vendors in multiple locations to ensure the client received the best discounts.

Our Technical Solution

Working strategically with HP Canada and HP UK, Viadex designed and implemented two data centre solutions. Viadex were able to save crucial time by delivering a fully populated solution, with all relevant hardware cores and storage. Each data centre was sized to provide enough redundant processing power to meet functional and application processing requirements as well as to recover from an individual system failure, including catastrophic failures.

Viadex designed a fully redundant solution with a rapid failover, minimising downtime, and accelerating recovery without human intervention.

The hardware was delivered by Viadex to North America within 14 days from the date of order – a record for the vendor in North America where the industry average is six to eight weeks. Viadex achieved this turnaround through years of experience in shipping large systems internationally and a close working partnership with HP.

INDUSTRY GAMING

Business Challenges

Provide dynamic, reliable and cost effective data centre infrastructure in record time.

Deliver real time service despite sharp spikes in transaction volume

Key Services

Project Scoping and Planning

Solution Design

Site Survey

SAN implementation

Windows 2003 cluster installation

CLX implementation

Continuous Access Implementation

SAN knowledge transfer and documentation

Product supply

Logistics and shipping

Business Benefits

Cost-effective pricing

Streamlined installation, saving time and money

Experienced supply chain for critical infrastructure

Seamless multi-site, multi-region project management

Cost effective redundancy, reliability and dynamic performance and capacity