



Case Study: Data Centre Hosting



The Client

Incorporated over ten years ago, this London-based commodities focused investment manager specialises in European energy markets, with aspirations to grow both geographical and asset class coverage. The company also provides business and analytical support. Its team of highly experienced traders, analyst and support professionals are highly experienced and have worked at a variety of trading houses, utilities, and investment banks.

The Challenge

With an office relocation on the horizon, our client asked us to conduct a network infrastructure review and subsequently decided to address some concerns in terms of the stability of the internet line, reliability of the physical environment and hardware. Concerns were raised regarding moving the both the users and infrastructure at the same time, as this could have required extensive downtime and added risk to the project.

The Solution

Tribeca proposed moving all core infrastructure to an ISO 27001 certified datacentre using a 'lift and shift' approach across a weekend to minimise disruption to our client's business. However, before this could happen, the Disaster Recovery environment needed to be moved and provisioned at the datacentre, minimisation risk in the case of hardware failing during the move. A single rack was provisioned with a 1Gbps internet line at our datacentre. The existing internet service was upgraded to provide a direct connection to the datacentre. The internet service was then

later moved to the client's new office. A backup SAN was purchased and installed at the datacentre, allowing for all virtual servers to be replicated to it for redundancy during the move. Had there been a problem during transit, the small DR provision that had been put in place guaranteed that our client's data was safe and secure. Backup SQL Servers were moved to the datacentre prior to the main infrastructure move, which de-risked impact to the business, if there was to be a hardware issue in transit. An additional Server Node provided additional failover capacity for if a node was to fail.

A test shutdown of the core kit was carried out beforehand, to ensure limited interruption to the business when the technology was moved over. The core network at the datacentre was configured before the move to aid a seamless transition. This required new switches and firewalls. The infrastructure was moved, and a 2-week cooling period introduced. Following this, the end users were then moved.

Overall Benefits to Client

- Redundant and resilient power, cooling and connectivity. Better security for the server infrastructure
- Eliminates maintenance and build costs for a dedicated comms room
- Greatly reduced risk when moving office. In the event of an issue at the office, the IT Infrastructure will be available. The ability to create a private cloud for services. Reduced recovery times with onsite presence 24/7 24/7 environmental monitoring. Facilities enhanced cloud service integration with direct connectivity to Azure, and AWS.



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