Data Centre Migration

Working with a global company to consolidate their Data Centres

intergence
PLATFORM.   DELIVERY.   EXPERIENCE.

THE CLIENT

Our client is the largest provider of financial markets data and infrastructure, serving over 40,000 institutions in over 190 countries.

They provide data and insights, trading platforms, and open data and technology platforms that connect the global finance markets.

BACKGROUND & CHALLENGES

Our client was recently formed from a private equity firm and a household name within the financial sector and now are a $6bn USD business.

The client decided to reduce the number of Data Centres internationally and particularly in the UK which were experiencing space limitations, technical environmental operational issues. Additionally one of the data centres leases had expired. This led to a strategic decision to design and build a new data centre that complied to the highest standards and then consolidate and migrate existing server farms and data centres to the new facility.

FINDING THE RIGHT SOLUTION

Intergence were engaged to design and deploy the new secure and scalable data centre network architecture. An Intergence Network & Security Team was deployed to audit the Client's obsolete data centre and configure the firewall and network infrastructure within the new site.

Part of the work undertaken involved service migration planning, application dependency mapping and supporting the migration of services from the old to new data centre.

1. Project management and Technical elements

Including discovery of network interconnectivity (Layer 2 and 3)

2. Design of network interconnect.

Between the old and new Data Centres for hybrid running.

3. Design and build network at the new Data Centre.

Ensuring the new Data Centre was fully capable of meeting the requirements of the client from the get go.

Intergence were able to produce a highly scalable secure and manageable data centre environment that addressed the environmental and operational issues in the existing data centres which included the following:

• Integration of the new infrastructure with the core WAN MPLS cloud for interconnectivity to other sites and other global data centres

• A smooth migration process with minimal impact on the live services

• A phased operational handover process with detailed operational readiness documentation

1. Attachment	2. Plan & Design	3. Build	4. Pilot	5. Migration
Strategy	Stakeholder Engagement	Design Review	Change Management	Change Management
Business Case	Communications	Infrastructure Build	Execute Migration	Data Migration
Discovery Workshops	Governance	Tooling/Dashboards	Test IT Services; - Test Plans - Technical Testing - UAT	Application Migration
Current State Application Services Analysis	EA Principles & Practices	Deploy Migration Tools		Test IT Services; - Test Plans - Technical Testing - UAT
TCO/ROI (Modelling)	Contract Negotiations	ICT Continuity	Migration Governance	
Security & Compliance	Programme Planning and Mobilisation		Upskill internal teams	Turn Over Production
Contract Reviews	Service Delivery Models			
Roadmap	Training Plans			
Architecture (Design/Validation)	Strategy/Planning (forkit/hybrid)			
Connectivity	ICT Continuity			
Ent Mgmt Tools	Target state deisgn			
Licence Models	Update Service Definitions			

Optimisation

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