

Case Study: Liquidity Data Centre Co-Location Deployment

A full stack deployment of an Electronic Trading capability into a regional liquidity hub.

Challenges

- To expand trading franchise into Asia by deploying electronic trading architecture into Asia Liquidity Hub (TY3)
- Complex project co-ordination across all technology functions: development, infrastructure, production support and testing.
- Co-ordination across technology, business, regulatory and compliance functions.
- Inconsistent application and infrastructure across existing co-lo deployments to be synchronised within programme.
- Restrictions to data replication determined by performance targets, data protection and regulatory constraints.
- Extensive documentation requirements for communication and sign-off by internal support functions and external regulators.

Response

- Designed target state architecture including application/infrastructure/network topologies, dc-2-dc connections and cross-connect configuration.
- Defined data replication strategy adhering to performance targets, regulatory constraints and reporting requirements.
- Managed vendor relationship for liquidity hub space and racking.
- Established and led programme steering committee to achieve cross-function decisions.
- Formed end-to-end project plan establishing milestones, risk and target delivery dates.
- Defined acceptance testing strategy to assess deployment against SLAs and target quality attributes.
- Co-ordinated physical deployment of hardware, software and network configuration.
- Reporting of programme status to business and technology leadership.

TY3

