



DSL Consultants Limited.

Consultancy, Project Management, I.T & Telecommunication

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CASE STUDY

TURN KEY SOLUTION FOR FINANCIAL INSTITUTION

1. Introduction

DSL Consultants commissioned by A Financial Institution to perform a feasibility study on turning a Grade II Listed building in the heart of London's Mayfair into a flagship Treasury, Dealing Room and Back Office. This was undertaken and a complete turnkey solution was proposed, the feasibility study then became a contract to perform the work.

DSL using its own resources of consultative and design expertise and calling on, where necessary a wealth of partners, designed the building from the basement up. Included the ICT-Equipment room, dealing room, structured cabling matrix, the LAN/WAN connectivity, hardware infrastructure, software and applications, down to the design of purpose built dealing room desks. Employing innovative technologies such as line of sight Laser LAN extensions to nearby offices, VoIP Telephony systems, Satellite Connections to offices throughout Europe, Clustered Servers and back-up communication systems where able to keep the cost to the client low, without undermining the operational effectiveness and resilience of the site.

DSL then project managed the whole process from the initial preparation infrastructure work, to the interior design, cabling, ICT-equipment room, furniture, air-con installation etc. Whilst coordinating external installation contractors, such as BT, Reuters and Bloomberg. DSL then installed and configured all Servers and Workstations, Routing, Switching, Firewalls and PABX.

After the successful opening of the site DSL where retained to provide initial onsite support from 1st through 3rd line, whilst the Institution expanded its in-house IT resources to cover the new additional operation. At which time DSL trained the users and new staff on all aspects of the site, from daily housekeeping, to more complex operations. DSL also produced all site documentation including daily tasks, to clustered server operations. After the handover, and training period was complete the in-house resources took charge of the daily operations. DSL continues to provide assistance at all levels to this successfully operating and flourishing business.

The following are the project detailed activities to highlight the multi-skills and the experience in various fields that DSL are able offer to its Clients

2. Consultancy

During the consultancy stage, DSLC conducted the project study and produced Consultancy Reports covering the following items:

- Strategy and Project Definitions for Establishment of a complete Central Treasury Operation,
- The design of a London Communication centre along with the production of the Technical Requirements
- Infrastructure Requirements for the Bank's new office in London
- Estimates and budgetary costs for the project.

3. Project Management, Technical Specifications and Implementation

The project management skills were deployed to bring to fruition the strategic plans as stated in the consultancy reports. This also included the total refurbishment of the whole building.

Technical requirement documents were issued covering the various IT systems and infrastructure for the project equipment and application. All of the necessary items were selected to meet specifically defined technical design. Orders were placed, implementation/installation commenced, followed by testing, handover and finally training for end-users.

Summary of the scope of service that was delivered to meet Project Requirements is:

(a) TECHNOLOGY ITEMS

- Banking Systems and application integration
- Dealing Telephone System
- Voice Recording System
- Market Data Information
- Financial / Market Data Switching System
- Servers, workstation
- LAN / WAN – Routers and Switches
- Integration of VIOP (Voice over IP) at the main links between locations
- Network Security and firewall
- Voice Telecommunication Systems (PABX & Voice Mail)
- Telecommunication lines
- Laser voice/data links between locations in London.
- Installation of Satellite links between London, and Overseas Locations
- Remote access to accounting/banking systems applications overseas via satellite

(b) INFRASTRUCTURE ITEMS

- Office Space Planning (Special areas)
- Dealing Room Space Planning
- Equipment Rooms Space Planning
- Visitors Reception Area Space Planning
- Banking Hall refurbishment
- IT infrastructure Cabling
- Physical Infrastructure Items such as Electrical work, UPS, Air-condition, new Walls and Partitions
- Dealing Desks design, build and implementation

4. Training

A training programme was developed for both the employees and the management catering for the various levels of users.

The programme and subjects covered the “Technology Items” such as the Trading Systems, Desktop Application, Voice Recording, Networking, Security System, and Telephone System.

5. Technical Support

An on going technical support service was requested by the client.

A technical support programme was developed and tailored to suite the new business operation.

This service continues to be provided by DSL Consultants Ltd

6. Procurement of Equipment and Office furniture

DSL Consultants Ltd provided a complete Procurement of Equipment and Office Furniture Service through its sister company, thus giving the client a complete peace of mind regarding the management and co-ordination of all aspects of the project. This contributed to a high-level of efficiency and overall cost savings.