

CASE STUDY



Multi Site Interoperability Across London

UBS Group choose TES to survey, design, supply and install a complete turn-key Radio Communication System with complete coverage of all sites around the Capital.

UBS Group is one of the world's leading financial firms, combining financial strength with a reputation for innovation and a global culture that embraces change. UBS determined a requirement for a fully managed solution for the implementation of a campus wide radio communications system across numerous sites around the Capital. Prior to this, a campus wide system did not exist. It was required primarily for the day to day running of the premises and as an Emergency communications solution for the safety of personnel and crisis management in the event of an incident in the Capital, ensuring business continuity and protecting clients' interests.

This was an opportunity for TES to show their strength in complete solutions provision, as we designed, built and installed the system in a period of less than 8 months.

The main challenges faced, were the build of numerous high specification radio rack units in a short time-frame. For this, TES adopted an efficient production line approach to complete the build in good time and well under the expected cost. We formed a relationship with experienced local contractors to perform the Antenna Feeder installation in sensitive environments that require the up-most of client care and attention.

Our solution provided the Bank with a resilient network of hand-portables that can be used to communicate throughout the entire building concerned or to other users in different buildings. Also, working in-line with their Crisis Management teams, special priority was given to allow Emergency calls to be made even in situations where voice traffic is at capacity.

The system offered by TES is fully expandable, far in excess of UBS's original requirements, which means that future expansion will be able to adopt the system without the need for any replacement system.

In addition it was also necessary to provide a fully comprehensive 365 day, 24 hour, emergency call out service and planned preventative maintenance program for the UBS London campus during and following the completion of the upgrade.

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Numerous UBS teams are currently enjoying the benefits of their new trunked radio system as the system is being handed over to them.

Benefits of the new system:

- **Functionality** - Flexible Trunked radio combines many of the functions of a mobile telephone system with the best of conventional PMR, hence being more user friendly.
- **Wide Area Coverage** – minimal “black spots” means everyone is able to communicate with one another, whilst they are on campus, inside or outside buildings.
- **System Reliability** – Should a repeater fail, users will be able to continue transmitting and receiving with their radios, as redundant equipment will take over.