

CASE STUDY.

INNOVATIVE CONVERGED VOICE AND DATA NETWORK.

Aedas are a global force in the built environment with a wealth of experience and expertise in a variety of architectural, design, property and surveying services. They have 9 offices throughout the UK and offices in Australia, China, Hong Kong, Malaysia, Singapore and the UAE.

Challenge.

In such a dynamic and rapidly expanding organisation the status of IT and communication infrastructure at the various UK locations varied dramatically.

Therefore, one objective was to standardise the infrastructure to offer all offices a high level of functionality, expandability and reliability for their voice and data networks.

As with most organisations this had to be achieved in the most cost effective manner with a tangible return on investment of three years for the directors of Aedas to endorse a project of this magnitude.

Overview.

Name:
Aedas

Area of operation:
Engineering Consultants

Headquarters: Glasgow

Founded: 2002

Number of employees: over 500

Key technology:
Converged IP Telephony

Categories:
ICT Solutions

Key benefits:

- Reduced costs
- Improved productivity

Solution.

During the design phase of the project we introduced a team comprising of Client Manager, Technical Consultants and 'Director Sponsor.' Through discussions with various levels within Aedas, we became fully conversant with the business drivers and return on investment required for Aedas to initiate the project.

The converged IP telephony solution consists of:

- Mitel 3100 evaluation pilot
- Mitel 3300 IPT systems at all offices
- High performance HP managed LAN Gigabit/100Mbps LAN
- Structured cabling infrastructure
- Sites linked via VoIP linked over C&W Frame Relay
- Unified Messaging
- Ongoing support
- Project management of roll out.

Benefits.

The Mitel 3300 and Hewlett Packard converged solution has helped Aedas realise the following cost of ownership benefits:

- Reduced cabling costs
- Remote management
- New users added remotely
- Reduced moves and changes cost
- Reduction of inter-site telephony costs
- Reduced site visits by IT staff.

Aedas have "a commitment to design quality and endeavour to create buildings that are both aesthetically and functionally successful.

Azzurri can not boast that a converged IT and communication infrastructure is aesthetically successful, however they have proved through their innovative design that one converged voice and data network can certainly be functionally successful".