

Multi-Tenancy Gigabit Eco Innovation Centre, Peterborough



Client: Peterborough City Council

Project: ICT Multi-Tenancy

Client's requirements

Our client, Eco Innovation Centre (EIC) a division of Peterborough City Council (PCC), required a secure and reliable method of delivering multi-tenanted Gigabit interconnectivity to its tenants.

Some of the principle requirements for multi-tenanted secure and reliable network connectivity are detailed as follows.

- Secure IP enabled infrastructure
- Resilient Gigabit connectivity to all enabled endpoints and highly available
- Firewall controlled network segregation and isolation
- Tethered speeds to enable a commercially viable solution

The Problem

The EIC previously offered a legacy internet connection to its tenants via an open network providing a classic example of an unmanaged network connection servicing many users over an unreliable network.

As the number of tenants increased and internet demand continues to grow, the EIC's internal network infrastructure struggled to cope.

The Solution

The K A Wing Group Ltd (KAW) deployed their in-house specialists to produce a detailed design and delivery of an IP based secure network system.

We carefully selected a system most suited the requirements and found a practical solution with HP-3COM & WatchGuard appliances.

Using HP-3COM's feature rich management akin to Cisco's IOS and WatchGuard's application and proprietary hardware was advantageous to our bid which enabled a successful deployment of a single, yet multi-tenanted IP based secure network system within the EIC.

Each tenant has its own network space segregated using Virtual networking (VLAN), this enables a secure and reliable network, each network switching component is installed with several diverse routed multi-core fibre backbones which offers the EIC and its tenants a resilient network connection with Gigabit speeds.

Making the difference

The K A Wing Group Ltd are considered specialists in the field of providing reliable and secure Gigabit network systems across Peterborough for Schools, shopping centres and local government buildings.

The project at hand was met with outstanding reviews, delivered on time and to budget.