



Keyfort Supports New Environmental Management Centre in North Dorset, UK

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The Challenge:

Supply secure, reliable broadband connectivity and network segmentation for a local authority between its head office and a rural satellite office.

The Solution:

A SonicWALL PRO 3060 appliance has been installed at the satellite office to provide secure communications for three different categories of user. There are VPN links for secure e-mail and voice calls – the latter terminating in a SonicWALL PRO 2040 at head office.

The Results:

SonicWALL security appliances were used to provide secure, flexible links for a number of separate applications to allow workers at a remote site to maximize the productivity benefits of reliable broadband communications.



"This is the first time we have attempted to use broadband in this way and the experience has been very positive, helping us to maximise the productivity of our officers and work much closer with organisations in our community."

Hilary Ritchie
Rural Regeneration
Manager
North Dorset District
Council

In 2004 North Dorset District Council was awarded £3.71 million from the Office of the Deputy Prime Minister's Liveability Fund, to improve public open spaces in the district.

As part of their vision, the Liveability team also wished to establish an Environmental Management Centre at Sturminster House in which a number of local groups, such as the Countryside Rangers, the Dorset Coppice Group and other voluntary organisations, could lease office space. They could use this as a base for working alongside Council officers on various Liveability Fund projects.

North Dorset District Council serves an area of 61,000 hectares and a community of 63,000 residents in a predominately rural part of Southern England. Surprisingly, perhaps, for an area well-known for its beautiful countryside North Dorset is short of public open spaces accessible for the local community to enjoy. Much of the land is privately owned. The Liveability Fund supports a range of projects from enhancing green and built public areas including market enhancement schemes, community orchards, amenity areas, trailways, play areas and many more.

Sturminster House is in the market town of Sturminster Newton in the centre of the district about 10 miles from the Council headquarters in Blandford Forum. The building, which is in the heart of the British countryside, was refurbished to accommodate the Liveability team and set up as a remote Council office, complete with secure broadband communications for a segmented network.

SonicWALL technology was chosen for its flexibility in managing the diverse security requirements of three different categories of network user at the new satellite facility. Hilary Ritchie, rural regeneration manager at North Dorset District Council commented "From a technology point of view we needed to have secure voice and data links back to Council head office, as well as another



secure link to the County offices in Dorchester and separate Internet access for our tenants."

SonicWALL Gold Medallion partner Keyfort designed and implemented the network to Liveability's specifications. "A key element of the communications infrastructure was the use of SonicWALL equipment to facilitate the multiple broadband connections required to segment the network and to secure the links to the other offices," said Roy Clayton of Keyfort Limited.

A SonicWALL PRO 3060 Enhanced (enhanced operating system) was installed to provide secure management of the different voice and data communications requirements at Sturminster House. "We implemented two ADSL broadband connections," continued Clayton, "both connected with the SonicWALL to effectively form a dual wide area network (WAN)."

The first of these provided Internet access and a virtual private network (VPN) for secure transmission of e-mail between Council offices. The other was used for dedicated voice traffic over VPN terminating on a SonicWALL PRO 2040 located at Blandford Forum. This allowed calls for Liveability officers based in Sturminster Newton to be handled as if they were an extension like any other department on the internal telephone system at head office.

Keyfort also implemented SonicWALL's Complete AV enforced client anti-virus solution at Sturminster House. The entire operation is monitored and managed remotely using SonicWALL Global Management System from Keyfort's offices in Bournemouth. These provide the Council with weekly traffic reports. They also have web access to user traffic reports as and when they need it.