

Rural Wireless Broadband – Daresbury, Warrington

Commonside Business Court, a converted farm in rural Daresbury Village, Warrington, required a high speed broadband solution for internet access to tenants that included support for voice, security camera, and remote working applications.

Briteyellow Limited (www.briteyellow.com) a UK leader in designing, implementing, and managing high performance Wi-Fi mesh broadband networks, has completed a rural wireless broadband solution for Commonside Business Court in the Daresbury countryside, near Warrington. The newly completed business park is set on 5 hectares of disused farmland and is linked by a 3km wireless backhaul using Wi-Fi mesh radios and antennas to a remote fixed location. Tenants have access to up to 8 Mbps SDSL (synchronous digital subscriber line) from an internet backbone. The managed service provides broadband access to five office suites with applications including IP phone services, security video camera, and remote Virtual Private Networking (VPN).



Briteyellow is a specialist provider of high-performance public and private wireless mesh networks. Managing Director Fredi Nonyelu said, “Broadband access is vital to any enterprise, irrespective of where the company is located. Briteyellow has demonstrated the capability to provide reliable, affordable, and secure high speed wireless internet services that businesses can depend on, anywhere. Briteyellow’s advanced WiFi mesh systems connect rural and remote areas anywhere in the UK to our carrier-grade wireless broadband service”.

Briteyellow’s managed wireless internet service is built on a dual server network with two independent wireless backhaul links for network redundancy. Each tenant suite is provisioned with broadband from a Briteyellow wireless router linked to one of the network servers. All suites have a traditional wired local area network which connects back to the wireless router.

Commonside Business Court is owned by Commonside Investments Limited. A new business park on a converted farmland in rural Daresbury Village the development has five tenant units. Managing Director Chris Thomson said, “Commonside Business Court is a unique and attractive location. Home to enterprises like the National Design Consultancy, we wanted to ensure that our tenants had access to advanced communications services. Traditional telecom service providers were unable to offer a cost effective solution because of the distance of the farm from the nearest BT Exchange. Briteyellow’s wireless solution connects our facility to state of the art SDSL broadband which means as a landlord we can now provide advanced hosted IP communications services to our tenants.”

One of the applications the Briteyellow wireless internet systems provides is remote security camera monitoring. Commonsense Business Court has a private gated entrance which is monitored 24 x 7 x 365 by a network of on-site security cameras. These are linked to the Briteyellow network enabling the service provider to remotely access and monitor video images from the site.

Briteyellow also provides an integrated IP PBX phone system on site which provides tenant suites with a scalable managed digital switchboard. "Traditional PBX systems are being replaced by modern IP PBX systems. The Briteyellow solution enables tenants to migrate seamlessly to advanced phone management and unified communications" said Fredi Nonyelu.



Briteyellow's managed wireless internet system supports next-generation IP communications. Following the successful deployment in Daresbury, Briteyellow is exploring opportunities to expand its high-performance managed wireless internet services to other rural and metropolitan areas across the UK, Middle East and Africa.

About Briteyellow

Briteyellow Limited is a next-generation wireless internet service provider and systems integrator. The company provides innovative technology, technical expertise, delivery support, and managed services to government agencies, enterprises, and service providers involved in planning, tendering, and deploying high performance broadband wireless/mobile communications. Briteyellow and Britezone are registered trademarks of Briteyellow Limited. All rights reserved.

