

Blu Wireless Technology to supply backhaul modules for Bristol Is Open

Bristol, UK. 9 Feb 2015: [Blu Wireless Technology](#), a specialist in multi-gigabit wireless baseband system IP, has announced its participation in experimental high-speed network, Bristol Is Open.

Bristol Is Open is a joint venture between Bristol City Council and Bristol University designed to bring high-grade broadband to the city, which has been designated as one of the UK's [Superconnected cities](#). It is based around a 'Terabit' fibre optic cable that runs through the city centre, servicing 53 business hotspots. The fibre provides a network backbone and will have a variety of wireless sub-networks enabling technologies hanging off it that will combine to create an experimental test bed. The network is intended to deliver user data rates up to 1 Gbps – using a combination of WiFi, LTE and other novel wireless access technologies.

Blu Wireless Technology will deploy a number of 60 GHz wireless 'Lightning' modules that use BWT's custom baseband gigabit modem architecture, HYDRA, to provide a novel wireless mesh backhaul link. The objective is to extend gigabit coverage from the core fibre network into those areas of the city that cannot connect directly to the fibre network. The Lightning module will provide a Gigabit Ethernet connection that can be used by a standard WiFi or LTE base station to connect into the core network.

A total of 40 Lightning modules will be deployed in various configurations by March 2015 across the centre of Bristol.

With funding secured from the [Department of Culture, Media and Sport](#), Bristol Is Open will seek to capture information about many aspects of city life, including energy, air quality and traffic flows.

Mark Barrett, Blu Wireless Technology CMO said: "We are excited to be supplying our cutting edge millimeter wave technology to the 'Bristol Is Open' project. We believe that the combination of electronic beam steering with our HYDRA gigabit rate millimeter wave wireless modem and dynamic SDN mesh networking will place Bristol in the forefront of this rapidly growing market".

[George Ferguson](#), Mayor of Bristol said: "This pioneering project has massive potential and will go further to cement Bristol's growing international reputation as a collaborative laboratory for change. "During our year as European Green Capital and beyond it will help people develop tomorrow's technology and better understand how a modern city operates; linking things up in brand new ways and opening us up to all sort of possibilities."

Blu Wireless will also be demonstrating their Lightning modules at [Mobile World Congress](#) on 2-5 March. They can be found at [Hall 6, Booth 6E30](#).

ENDS

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About Blu Wireless Technology:

Blu Wireless is a leader in 60GHz intellectual property. The company designs and licences its technology for inclusion on 802.11ad next generation WiFi (WiGig), tri-band WiFi and 4G mobile network backhaul chipsets.

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