



## **Blu Wireless Technology to demo 60GHz 'Lightning' module at Mobile World Congress**

**Bristol, UK. 15 Feb 2015:** [Blu Wireless Technology](#), a specialist in multi-gigabit wireless baseband system IP, will demonstrate their 60GHz 'Lightning' modules at Mobile World Congress in Barcelona 2-5 March, 2015.

Blu Wireless has integrated its gigabit baseband technology [HYDRA](#) with class-leading 60 GHz active phased array radio technology into the 'Lightning' wireless gigabit modem in order to demonstrate the technology of beam formed Gbit communications.

The 'Lightning' module delivers gigabit modem capability with dual gigabit Ethernet switch connectivity. Moreover, auto beam training capability is implemented using advanced electronic beamforming technology. This provides the benefit of not requiring antenna alignment during installation together with the ability to adapt beam direction to environmental changes – such as temporary beam blockage.

The module also integrates a full 'OpenFlow' SDN client which supports wireless mesh networking. It is currently being deployed as part of the [Bristol is Open](#) experimental network to demonstrate gigabit rate wireless mesh networking for dynamic data backhaul applications.

The 'Lightning' module is integrated into a robust mechanical housing (see attached pic) for deployment in outdoor applications and is available with mounting kit for lamppost deployment.

Mark Barrett, CMO at Blu Wireless commented: "The 'Lightning' module represents a total system solution for the next generation of flexible gigabit capable backhaul technologies. The unique combination of low profile 60 GHz phased array technology, gigabit modem and adaptive mesh networking using SDN 'Openflow' techniques will deliver lower TCO and scalable data delivery capabilities to service the increased data demand of mobile networks"

The module is now available for purchase from Blu Wireless and will be demonstrated at MWC on the Imagination Technology Booth in Hall 6 -6E30. If you would like to meet with the team please get in touch asap.

### **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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