



media information

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CAMBRIDGE BROADBAND EXPANDS PRODUCT RANGE

Cambridge, UK, 23 November 2004: Cambridge Broadband announces significant enhancements to the industry-leading broadband wireless access solution, VectaStar. VectaStar™ has already demonstrated its ability to out perform alternative solutions and by launching the new base station and E1(T1) Concentrator, Cambridge Broadband continues to move ahead of the market.

The new base station architecture enables operators to terminate both ATM and IP traffic within their core network without the need for additional routing or switching equipment. The new base station configuration gives operators the choice of backhauling their VectaStar network over ATM/SDH, IP or E1 connections.

The main physical change is the inclusion of two extra STM-1 ports on the ATM switch making eight in total. This increased capacity of the base station allows for:

- enhanced backhaul – saving on provision of point-to-point or leased lines
- connection of optional E1 concentrators, enabling circuit services along with ‘drop and insert’ of up to 48 E1 circuits
- ability via the E1 concentrator to offer GSM/3G backhaul – especially aimed at pico- and micro-cell deployments where there is a need for fractional E1/T1

An important feature of the new configuration is the physical separation of the management and network traffic onto different interfaces, which combined with a built in firewall, minimises the possibility of network security breaches.

The new base station units are identical in size to the previous units and are fully compatible with existing devices, which can be upgraded as required.

Ben Freeman, VP Engineering at Cambridge Broadband, comments: “Cambridge Broadband is a company that listens and acts on our customers’ requests. By introducing these new products we are enabling them to deliver a range of services using a flexible platform, offering a variety of backhaul to work smarter and most importantly, increasing functionality without impacting equipment price.”

— Ends

notes

1. For more information about any of the issues in this press release, please contact Sandra Gilligan, e-mail sgilligan@cambridgebroadband.com, phone +44 (0) 1223 225797.
2. Photograph, caption “new, sleek form factor VectaStar base station”, is available electronically, please contact as above
3. A PDF version of this press release is available, please contact as above.

About Cambridge Broadband www.cambridgebroadband.com

Cambridge Broadband has pioneered the development of carrier-class, point-to-multipoint broadband wireless access equipment for network operators wishing to deploy high-capacity, multi-service networks. The company is focused on delivering high quality multi-service networks with the best price-performance in the licensed bands for operators worldwide. Cambridge Broadband was formed in January 2000 by an experienced team with a strong record of successful innovation in broadband wireless design.

About VectaStar

Cambridge Broadband's VectaStar systems offer the most advanced combination of high bandwidth, high coverage and extended range on the market. It supports multiple carrier-class services simultaneously, each with robust QoS and has a 480Mbps (Megabits per second) base station capacity that can deliver up to 60Mbps full-duplex per customer. VectaStar has excellent non-line-of-sight capability and self-backhaul at ranges beyond 20km, making it a compelling solution for network operators looking to deploy high-capacity multi-service networks.