

Kent Surrey and Sussex Air Ambulance Trust choose Omni-Hub™ to deliver critical connectivity for Enhanced Care Teams

Peplink partner to develop innovative backpack version of Award winning universal sensor and communications hub for air ambulance crews

UK, xx May 2015 - Kent, Surrey and Sussex Air Ambulance Trust (KSSA) and Tactical Wireless Ltd (TWL) have reached an agreement for the joint development of a backpack-mounted version of TWL's award winning Omni-Hub™ multi-mode communications system.

The backpack-mounted Omni-Hub™ will provide paramedics with high quality video, audio and medical data links to and from KSSA's control centre at Marden, Kent. The backpack Omni-Hub™ will operate for up to 8 hours per day using on-board battery packs. Trials of the new system are expected to start at the end of May.

Omni-Hub™ integrates proven technologies: a world-leading multi-band router and an advanced video management system (VMS) to provide communications capability in remote and difficult areas. The technologies aggregate bandwidth and manage the transmission so that the available bandwidth is used efficiently.

As part of the programme, TWL, using Omni-Hub™ and its unique high-gain, MiMo antenna technology, surveyed key areas of KSSA's area of operation. By managing all 4 cellular networks and the transmission content, live video transmission was achieved in areas where communications were otherwise impossible. These test sites were chosen based on KSSA's incident frequencies and its approved landing sites.

TWL's unique MiMo antenna pod, combines up to 8 cellular, 4 WiFi and a GPS antenna, to provide good cellular connectivity and a long range WiFi hotspot.

The 2 organisations have also agreed to the joint development of an in-flight Omni-Hub™ for the future.

Commenting on the development, KSSA's CEO, Adrian Bell, said:

"Delivering life-saving advanced critical interventions in the pre-hospital environment is challenging and we need to be able to support our Enhanced Care Teams properly. Key to this is reliable and consistent connectivity to allow a resilient and sustainable method of exchanging audio, video and data swiftly and consistently from anywhere across our region – the South East Coast. Omni-Hub™ is a very exciting advance and provides the level of technological capability that offers the potential to overcome the connectivity challenge; I am very much looking forward to the results of our forthcoming operational trials."

TWL's Chairman and MD, Peter Morton, said:

"This is an important development and enables Omni-Hub™ to provide KSSA with an important disruptive technological advance, which will enhance patient care."

Notes for editors:

Kent, Surrey & Sussex Air Ambulance Trust is a registered charity established to relieve sick and injured people in South East England and surrounding areas

TWL's Omni-Hub has been recognised for its Innovation, as follows:

- Scottish Enterprise Life Sciences Awards 2015
 - Winner in the Innovation Category
 - One of 3 finalists in the Innovation Collaboration category, alongside Aberdeen University's Centre for Rural Health
- Medilink UK Awards 2015
 - Finalist in Innovation category

The Innovation Award is given to companies who have pioneered certain areas of healthcare and developed ground-breaking products to solve life threatening problems.

About Tactical Wireless Ltd

Tactical Wireless Ltd is a specialist in developing advanced communication technologies and services for practical application within the fields of telemedicine, critical incident response and security. Founded by Peter Morton, an engineer with over a 20 years' experience within the industry, TWL has developed its flagship Omni-Hub™ universal sensor and communications hub, to manage data from a range of digital IP devices with transmission through an intelligent backhaul router. TWL partners include Inmarsat, Peplink, VayTek, Fortress-shield and iCom. For more information, please visit

www.tactical-wireless.com

About Peplink

Peplink is the leader in Internet load balancing and VPN bonding solutions. Routers have been deployed around the world, helping thousands of customers from varied industries to increase bandwidth, enhance Internet reliability, and reduce costs. Our complete product line includes models for business of all sizes, and provides an award winning Internet experience for customers.

Peplink believes that quality, innovative products, and passionate customer service can help everyone experience a better Internet. That's why customers around the world depend on Peplink.

Peplink operates globally with offices in North America, Europe, the Middle East, and Asia. Our solutions are sold and supported by distributors, system integrators, and strategic partners worldwide. <http://www.peplink.com>

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