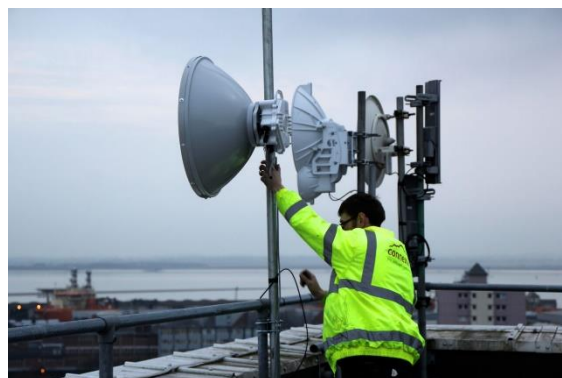


Connexin trial the first commercial PPC-10G in the UK

Connexin, a Hull based ISP are the first company to trial a commercial Elva-1 PPC-10G in the UK. The PPC-10G is the world's first 10 Gbps wireless point to point link and operates at E-band. The PPC-10G is intended for 4G/LTE and future 5G mobile network back-haul, it can also bridge fibre-optic networks across rivers, motorways, railways etc. It can also be used for last mile deployment in city centres. The PPC-10G is also much faster to deploy than fibre optics, it takes a matter of hours not weeks and is not at risk of being dug up or severed.

Connexin installed the trial PPC-10G link on the 21st of February 2017. The link is installed in Hull at a distance of 700m between two of Connexin's sites. Connexin's Technical Director, Will Kebbell, commented on the trial saying "We are delighted to be trialing this next generation technology. The quick, efficient deployment enables IoT (Internet of things) applications, which is an important element of Connexin's rapid expansion". Connexin can confirm that they are achieving a full duplex 10Gbps connection between their two sites. The PPC-10G in the UK can achieve a much further distance, as it can achieve 99.99% over 2.5km.



The PPC-10G is also the worlds cheapest solution per Gbps at E-Band and is also extremely cost effective when compared to fibre optics, as there is no trenching cost and it also removes the need for installing ducts. The PPC-10G is also covered by a 'light license' in the UK meaning the annual cost for a license is only £50, for the needed 2GHz of bandwidth in the 70Ghz/80Ghz frequency range.

Daniel Korneev, CTO & Director of Elva-1 was quoted in saying "We are very excited about working with Connexin to deploy and demonstrate our 10 Gbps wireless MM Wave solution to the UK and worldwide telecoms industry." Ian Cains, Managing Director of RF Com said "It is a massive step forward for the UK telecoms industry and we are very happy to be pioneering this technology with Connexin".



For Info, please email – info@rfcom.co.uk