Pilot Photonics Ltd was founded in August 2011 by former CTVR post-doctoral researcher, Dr Frank Smyth and colleagues at Dublin City University and the Tyndall National Institute. The company is based in the Invent business incubation centre on Dublin City University campus. It is privately held and offers unique optical comb source subsystems that will be a key enabler for the next generation of high density optical networking transmission solutions.

With its patent pending technology, Pilot Photonics delivers robust and cost-effective optical comb sources, which emit highly stable, low line-width, phase-matched wavelength combs suitable for multicarrier optical transmission systems including coherent optical OFDM, Coherent WDM and Nyquist WDM.

2012: New Funding, New CEO, New Products
Pilot Photonics was founded in August 2011 and completed a successful funding round in early 2012. In August 2012, Dr Stan Lumish was hired as CEO. Dr Lumish, has held leadership positions at AT&T, Bell Labs, Lucent Technologies and JDSU and brings over 25 years experience in optical networking to the company.

In September 2012, the team demonstrated their latest products, a C-band tunable optical comb source and a four-channel 28-GHz optical comb source. Lumish commented: “By offering C-Band tunability, along with 28-Ghz channel spacing; our products work to meet the needs of future industry demands”. The four channel 28-GHz optical comb is an extension of the company’s current fixed comb product, introduced at OFC/NFOEC 2012. This optical comb is particularly relevant to designers of 400 Gbps transmission systems and will facilitate the creation of a stable testing environment.

Pilot Photonics CTO, Dr Frank Smyth demonstrates Pilot Photonics’ Optical Wavelength Comb Source to EU Commissioner for Research, Innovation and Science, Maire Geoghegan-Quinn

Dr Stan Lumish (CEO) and Dr Frank Smyth (CTO) at the Pilot Photonics Twitter Wall, ECOC 2012 in Amsterdam.

Headquarters
Pilot Photonics
Invent Centre
DCU
Glasnevin
Dublin 9
Ireland
+353 1 700 7993
www.pilotphotonics.com