

9TH JUNE 2009

TES Signs Licence Deal for Ultra-wideband Wireless Technology

Established Scottish Design Group is ITI Techmedia's Third Licensee

ITI Techmedia has reached a new commercial milestone with the signature of a licence to a core element of Ultra-wideband technology created in the ITI Ultra-wideband Wireless Communications R&D programme. TES Electronic Solutions Ltd (TES), based in Newbridge, Edinburgh, an established design group specialising in wireless communications software, will deploy ITI proprietary technology to strengthen its position in the high speed wireless connectivity market. The agreement will enable TES to develop system and sub-system solutions based on novel Ultra-wideband technology.

The ITI Software Suite comprises ECMA-368 compliant UWB MAC, Convergence Architecture and Protocol Abstraction Layers and has been developed according to the WiMedia UWB standards. The revolutionary architecture will enable TES to provide a single 'common radio platform' which will be used to support different wireless protocols simultaneously: High-Data-Rate Bluetooth, Wireless-USB and WLP ('IP-over-UWB').

From its Newbridge location, TES provides wireless systems design services to a range of clients. TES wireless IP can be found in many high-street products as well as in professional and military wireless solutions. TES is known for innovation and for the experience which is embedded in its wireless team, and is also known for its high-quality DECT & Bluetooth IP.

Terry Hurley, Managing Director of ITI Techmedia, commented: "Our Ultra-wideband R&D Programme offers a range of commercial opportunities, of which this will be one of the first to be exploited. I am delighted that this technology has been licensed by a Scottish group which has world-leading skills in communications software design services, and is seeking to advance its expertise in this important radio technology. This is a compelling indication that the ITI model is helping Scotland to realise commercial opportunities in innovative and exciting global markets."

Barclay Milne, Managing Director of TES, explains: "TES focuses very much on the high-end professional and consumer markets where customers look for exceptional performance and product differentiation. We have been able to meet the special demands of our customers by adapting or enhancing the Bluetooth and DECT technologies to meet the needs of the application. Therefore, having full access to UWB technology is essential for the way we work with our clients. The UWB technology will allow us to provide our

customers with very high bandwidth (up to 300 Mbps) wireless solutions and to continue to meet the exceptional needs of these clients".

Welcoming the announcement, Enterprise Minister Jim Mather said, "I welcome this significant opportunity for Scotland to strengthen its position as a source of expertise in wireless technologies. This technology will help companies gain a competitive advantage and initiatives of this kind can help position Scotland's economy for a strong recovery – complementing Scottish Government efforts to help businesses and householders."

ITI Techmedia commissioned the R&D Programme to develop vital elements of a WiMedia-UWB IP toolkit: physical layers (PHY), media access controllers (MAC), protocol application layers (PALs), antennae and proprietary mesh networking extensions, offering a range of solutions for the wireless marketplace. Companies licensing the ITI technology will be able to develop products and services to enable a host of multimedia devices to connect wirelessly.

Editorial Contacts

For further information, interviews or photography from ITI Techmedia please contact:

Jamie Henderson

Firefly Communications

0131 553 0150

james.henderson@fireflycomms.com

About ITI Techmedia

ITI Techmedia is committed to making brilliant ideas a commercial reality.

It commissions research and development programmes to generate market-driven, commercially-focused business opportunities in the digital media and communications technology sectors. Through extensive research of global markets it identifies future commercial opportunities and drives the formation of innovative R&D programmes. These programmes design, develop and deliver platform technologies and enable the formation of new products and services to address emerging market opportunities.

The result is a portfolio of commercially valuable, cutting-edge intellectual assets, which are owned and exploited by ITI for the benefit of the Scottish economy. These assets are licensed to new and existing organisations and stimulate the formation of start-up and spin-out companies.

Further information is available on the website: www.ititechmedia.com

About TES

TES Electronic Solutions is a global electronics services company offering a unique blend of technology innovation and custom electronic design and manufacturing solutions. TES designs customer specific systems or sub-systems that are optimized to a customer's application mainly in the focus areas Wireless, Embedded Graphics, Telematics and Mixed Signal SoC. TES also develops licensable wireless, graphics and multimedia IP which accelerates time to market.

TES has expertise in the design of analog and digital integrated circuits, embedded software and hardware up to complete system solutions. The company delivers solutions to blue-chip companies

worldwide from its 17 international design centres and its manufacturing sites in France and in Penang.

Further information is available on the website: www.tesbv.com

About WiMedia-UWB Technology

WiMedia ultra-wideband is a high-bandwidth radio technology for use in short range (<10m) wireless personal area networks, operating across a wide bandwidth spectrum (3.1 GHz– 10.6 GHz). In 2007, the first WiMedia-UWB consumer products appeared, including UWB-enabled computers from major PC-OEMs (Dell, Lenovo and Toshiba) and peripherals from Belkin and D-Link.

|

