A n enviable track-record of collaboration between businesses and academia keeps Cambridgeshire, and the world-renowned electronics companies located here, consistently ahead of the competition. Industry leaders such as ARM and Cambridge Silicon Radio (CSR) find their home here in a setting where electronics engineering businesses collectively employ over 4,400 people. This represents the UK’s largest hi-tech manufacturing sector in terms of jobs and is responsible for a significant contribution to the national and local economy. Electronics expertise is found across the county with South Cambridgeshire and Huntingdonshire together accounting for around 66% of employment in this sector, Cambridge City a further 21% and East Cambridgeshire and Fenland supporting the remaining 13%.

Mobile Communications

Cambridgeshire leads a region at the forefront of mobile communications innovations in Bluetooth, NFC, UWB, Zigbee, WiFi, RFID and home to the likes of CSR, ranked No.1 in every Bluetooth market segment.

Other success stories include:

- **ARM** – almost 100 ARM-powered processors shipped per second
- **CSR** – offers complete audio, connectivity and location platforms that deliver ground-breaking functionality, performance and value
- **Broadcom** – a global leader in communications semiconductors
- **CRFS** – creating real-time RFeye® spectral analysis tools for planning, monitoring, and licensing of wireless spectrum
- **Qualcomm** – the world’s largest provider of wireless chipset technology

**Frontier Silicon** – the world’s leading supplier of innovative semi-conductor, module and software solutions for digital radio and connected audio systems

**Academic Partners**

In common with many of the high-tech sectors in Cambridgeshire, links to the universities play a vital part in the successes of many companies. **CAPE**, the Centre for Advanced Photonics and Electronics, is a partnership between the University of Cambridge and major industrial companies established to jointly commission research and spear-head development. CAPE builds on Cambridge University’s world-leading position in photonics and electronics by collaborating with industry on early-stage R&D, yielding astonishing results in discovery and subsequent commercialisation.

The University of Cambridge **Computer Science Lab**, which includes the Networks and Operating Systems (NetOS), Digital Technologies Groups and the Wireless Communications Team, works to a similar model. NetOS runs the Cambridge Open Mobile System (COMS) project, exposing 3G and evolving 4G mobile technology to developers and early adopters with the University playing a crucial role in sharing its wealth of knowledge and market opportunities with its commercial partners.

Two of the county’s leading networking communities, **Cambridge Network** and **Cambridge Wireless**, are also fundamental to success in helping their members find exciting new commercial opportunities from collaboration and in encouraging challenge and inspiration through debate.

To take your place in this kind of community and assist your business in reaching new levels of success, contact Tom Hennessy, Inward Investment Officer at Cambridgeshire County Council, for more information on +44 (0)1223 714083 or tom.hennessy@cambridgeshire.gov.uk

**Cambridgeshire, home of excellence in:**

ICT – Electronics