Martec Ltd specialises in the design and manufacture of high quality precision components for use across a wide range of industries from military, marine and aerospace to medical and industrial applications.

The company was aware of the University of Kent’s expertise in Body Worn Antenna and wondered if the technology could be used to develop a pin-less connector, to give greater reliability under stress in hostile environments.

“A working prototype was developed which has already generated significant interest and excitement”

In partnership with the School of Engineering and Digital Arts, Martec embarked on a two year Knowledge Transfer Partnership (KTP) to develop a prototype offering unique features currently unavailable, opening up new opportunities for increasing their customer base. The project was so successful that a working prototype was developed, which has already generated significant interest and excitement.

Martec is currently working with two external partners to evaluate the capability of the new product named WiPES (Wireless Integrated Power Electronics Systems). The success has led to Martec setting up a development lab to support future advances of the technology; the company will also be exploring the option of setting up a separate Division to concentrate on future product development.

Dan Harnett, Managing Director of Martec, commented

“The KTP has allowed Martec to develop a new style interconnection solution, WiPES, that is at the forefront of technology. This has enabled us to look at new markets and become involved with customers in opportunities that we would not have previously been considered for.”

Part funded by the Technology Strategy Board and other funding organisations KTP is Europe’s leading programme helping businesses to improve their competitiveness and productivity through the better use of knowledge, technology and skills that reside within academic institutions.

For further information on how your business can benefit from our support and services, contact Kent Innovation & Enterprise, University of Kent, T: +44 (0)1227 827376 E: enterprise@kent.ac.uk www.kent.ac.uk/enterprise/