

## CAPPA PROVIDES PHOTONICS ANALYTICAL AND INSPECTION SERVICES FOR TELECOMS



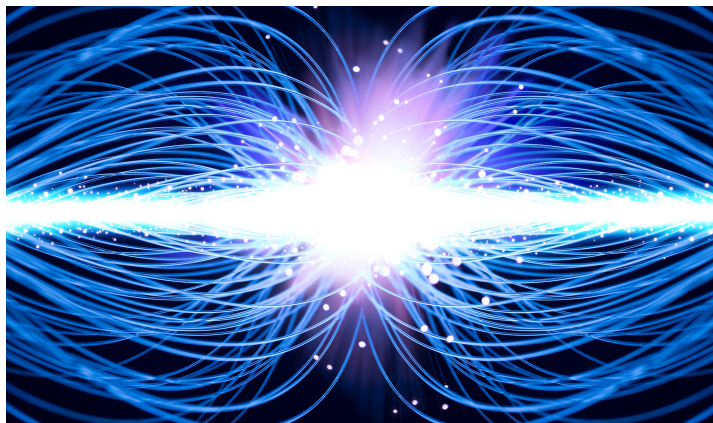
### BACKGROUND

DexGreen is a design and manufacturing company with expertise in telecommunications access network products. Its sales team work directly with the engineers at customers' organisations to provide bespoke solutions. DexGreen can provide ideas, concepts, and solutions to reduce fault levels and improve the efficiency and reliability of an existing Telecoms Access Network.

### THE NEED

Dexgreen places a high emphasis on research and development and continuously adds and modifies products which is the primary driver for its growth. All its products are accredited according to the relevant technical and quality standards and tested according to international best practice.

DexGreen required analytical and inspection services for sealing interface analysis in telecommunication closures, stability testing of raw materials and final products, product composition and general analysis.



### THE SOLUTION

As part of Enterprise Ireland Technology Gateway Network, the Centre for Advanced Photonics & Process Analysis (CAPPA) focuses on bringing the benefits of photonics technology, the generation and manipulation of light, to a diverse range of industry partners.

CAPPA works with a variety of sectors, including telecommunications, medical devices, food and pharma on both short-term consultancy and multi-year collaborative projects.

Partnering with CAPPA enabled DexGreen to avail of services such as Scanning Electron Microscopy (SEM), EDX, Raman and Infrared Spectroscopy, providing the critical analysis information that the company required for trouble-shooting, research and quality control.

### BENEFITS OF THE ENGAGEMENT

DexGreen's collaboration with CAPPA gave the company access to specialist resources and skills. As well as working with CAPPA's highly skilled staff and researchers, DexGreen was able to avail of the services and systems available at CAPPA, including a wide range of expert equipment and facilities situated across two locations.

DexGreen's investment in research and development with CAPPA provided the company with reliable background information supporting product development delivered at a very competitive rate, resulting in reduced downtime within the company.

**From large-scale collaborative projects to short-term consultancy services, CAPPA offers many avenues for companies to explore photonics solutions for their development needs and has a successful track record in securing both research and industrial funding.**

**Contact us to connect your Enterprise with MTU. Email us at [extended.campusCork@mtu.ie](mailto:extended.campusCork@mtu.ie) to discuss a collaboration to suit your needs!**