



## corporateoverview

***Better. Faster. Smaller. Cheaper.*** Across the electronics industry, developers of optoelectronic and microelectronic devices continue to advance on each of these market-driven factors. And as devices change, so do their packaging requirements.

Packaging is often the last barrier in producing a commercially viable device. Leading-edge companies focussing on innovative device design may not have the necessary expertise or equipment in-house to develop the packaging required. Yet considering up to 75% of the product cost can lie in optoelectronic packaging solutions, it is critical that packaging design be integrated into the device development process in order to reduce product development cycle time and associated manufacturing costs.

At a more fundamental level, without a packaging solution that meets stringent reliability and design for manufacture requirements, device concept may not attract the funding required for development or may not attract customer adoption.

Innovation is not enough – a smooth move from development to market acceptance is crucial.

By taking advantage of Optocap's packaging design expertise and investment in first-class lab and testing equipment, companies can focus on device development while reducing risk and time-to-market.

Optocap will bridge the gap from design to manufacturing. Our flexible and collaborative approach to product development ensures that a packaging solution – whether utilising standard technologies or requiring a unique next-generation solution – will satisfy your device requirements and ensure a smooth path to market.

## Design Services

Optocap offers a range of packaging services across the development process, including design consultancy, prototyping, qualification, failure analysis, and transfer to low-cost volume manufacture. As a pure-play provider, Optocap will ensure that the packaging solution developed for a device balances industry standardization with any unique requirements.

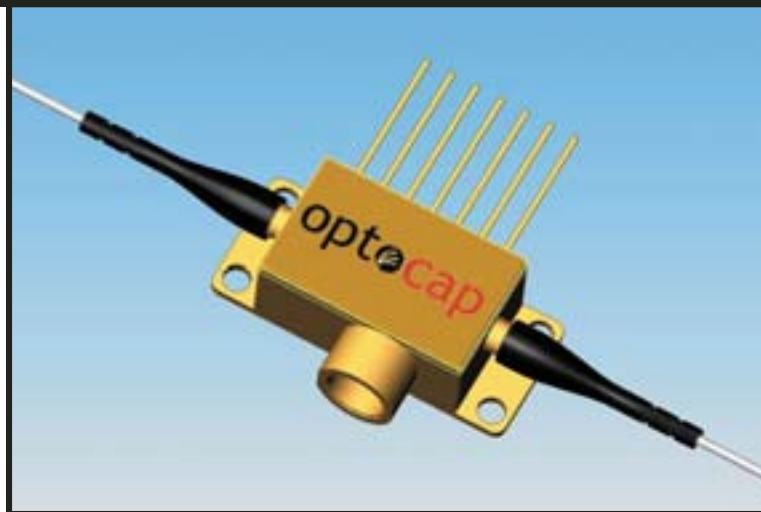
Complementing its services portfolio, Optocap applies its expertise in developing new device packaging technologies for emerging device requirements. Having its own intellectual property considerations means Optocap understands that the rigorous protection of intellectual property is fundamental to any collaborative relationship in leading-edge product development.

## Technical Expertise

Optocap is focused on providing full packaging design services for devices targeting a wide range of applications across the consumer, industrial, communications, medical, and automotive markets. These include:

- optoelectronics
- MEMS
- biotech
- microdisplays
- sensors

In each of these areas, technology developments are occurring fast and have far-reaching impact. Strong relationships with Scotland's academic research and development community and global industry standards organisations ensure that Optocap is tapped into the requirements of emerging next-generation devices. Supplementing Optocap's 100+ man-years of packaging expertise, this keeps Optocap at the forefront of new device packaging technologies and processes.



## About Optocap

Optocap Limited develops advanced device packaging solutions for the communications, consumer, industrial, medical and automotive markets worldwide. Working on optoelectronic, MEMS and biotech devices, microdisplays and sensors, Optocap's expertise in packaging solutions spans the development process: from design consultancy through prototyping, qualification (including full Telcordia), failure analysis, and transfer to low-cost volume manufacture.

Established in June 2003 by Scottish Enterprise to provide a critical link in commercialising university-generated IP and creating/sustaining high-growth potential start-ups, Optocap is jointly funded by Scottish Enterprise and the European Regional Development Fund for three years, after which it will be spun-out as a commercially independent organisation.

Optocap is located in Livingston, Scotland. For more information, please contact us at +44 (0) 1506 403550, by email [info@optocap.com](mailto:info@optocap.com) or at [www.optocap.com](http://www.optocap.com).