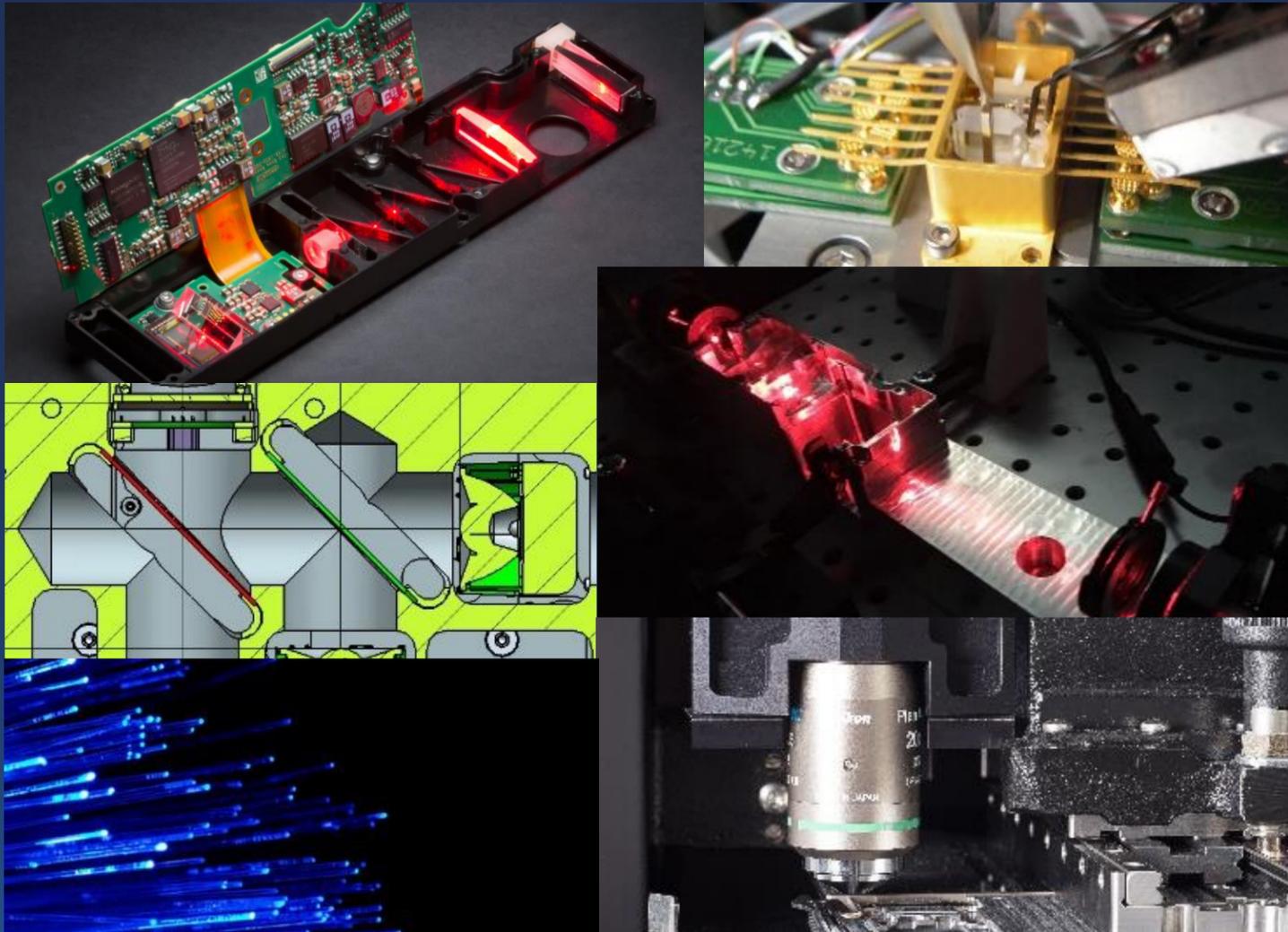


# Optical Solutions for life-sciences

Prodrive Technologies delivers state-of-the-art optical products and makes them reach their full potential using integrated solutions that meet your requirements and expectations. We are experienced in optical design for a variety of environments including ultra-high vacuum, high pollution, high speed, and highly constrained form factors. We are confident that we can create the solution to your optical challenge.

With the necessary competences available from a large base of software, electrical, mechanical and physics/optical engineers and extensive in-house (optical) manufacturing and (custom) testing capabilities we can take your optical project from the initial concept through design, prototyping, and validation to series production. Being experts in a wide range of technologies including amongst others vision & sensing, motion & mechatronics and embedded computing, we are able to provide solutions ranging from custom sensors assemblies to integrated optical assemblies and to customer unique total solutions. All at high quality and with the appropriate certification and compliance.





Solution specific assemblies of optics including lens design and photonics for smallest formfactor solutions. Enable next generation technology in your application with our knowledge and production capabilities.

Our design and production capabilities include solutions for the smallest formfactor and complex optical assemblies for imaging and photonics systems. These optoelectronic systems require critical assembly steps to reach maximum optical, as well as electrical performance. These assemblies can require chip-on-board, wirebonding, gluing, and placement steps for individual components such as extremely large imagers, mirrors, prisms, filters and fiber optic plates.

At Prodrive, we have the capabilities to design sophisticated custom optical components. This can be applied for comprehensive illuminators with specific beam shaping capabilities or in other applications requiring high resolution color accurate lens assemblies for imagers. Regardless of your requirements we can go from concept to design and finally to series with highest quality with our automated production capabilities.

Application and solutions include:

- Microscopy
- DNA Sequencing
- Diagnostic Equipment
- Point of care equipment
- Custom image cameras
- Custom lens assemblies
- Chip-on-board