

# Your Product Development & Manufacturing Partner



**Flexible, responsive & reliable component manufacturing services**  
*Precision machining, engineering and scalable production services to the Defence, Aviation, Electronics and Medical sectors*

## KEY CUSTOMERS AND PARTNERS – 20 years meeting industry requirements

- **BAE SYSTEMS** – Prototyping, manufacture and test of components
- **NOVA SYSTEMS** – Manufacture of prototypes and parts
- **BOEING Defence** – Prototyping and manufacture of MQ-28a Ghost Bat parts
- **TRITIUM** – Prototyping, manufacture, assembly and testing of components including heat exchanger assemblies for electric vehicle rechargers
- **ELLEX MEDICAL** – 5µm consistency for laser eye surgical components
- **FERRA and NAECO** – Preferred subcontractor to both organizations

*“Protonautics reacts very quickly to any changing needs of Ellex being very flexible to meet our requirements. We rely on Protonautics to assist us in the qualification of our new designs, particularly on design for manufacture, as well as meeting our production demand with integrity and consistency.”*

Angela Standing, Manufacturing and Supply Chain Manager Ellex Medical Pty Ltd

## CAPABILITIES – Materialising your concepts since 1998

- **5 & 4-axis CNC Mills and CNC Lathes** to 5µm accuracy
- **Assembly and testing of subsystems** - vertical integrators
- **Materials experience** - including Stainless Steel, Alloys, PEEK, Acetyl, Titanium and Exotic Composites
- **Sheffield CMM** - 6µM repeatability measurement and reporting
- **Surface Treatment** - Inhouse Alodining, Anodizing & electropolishing
- **Rapid Prototyping** - 3D Printing of exotic materials to 100µm accuracy

## THE PROTONAUTICS DIFFERENCE – Experience providing solutions

- **Reduced Risk** - Manufacture review and feedback to your design team
- **Reliable solutions** delivered with precision and >98% DIFOT
- **Subcontractors** - verified network for paint, sheet metal, etc
- **RF components** - Chassis, Amplifiers, Antennas and Filter Bodies

## QUALITY STANDARDS AND ACCREDITATIONS

- **ISO9001:2015 + AS9100:D** certified: “Manufacture of machined components, chemical surface treatments and assembly services.”
- **Australian Industry Group** member
- **Australian Industry Defence Network** member

## CONTACT DETAILS

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