



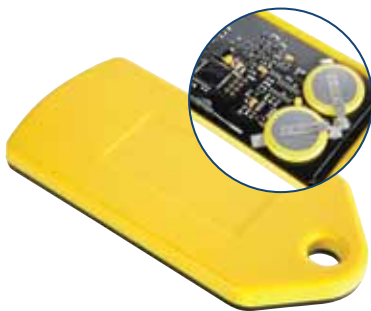
We can provide a range of sub assemblies, electronic assemblies or fully assembled products that are custom-made to meet customers' specific requirements. We work closely with our customers and our technical experts can provide guidance from concept through to production.

Our assembly services range from low-volume manual assembly through to high-volume automated assembly. This service provides all the benefits of offshore manufacturing combined with full local support.

## PCBA

We offer a full printed circuit board assembly service using a variety of processes.

- › PTH and SMT assembly including BGA placement
- › 100% tested using AOI, ICT and X-ray
- › Component selection and BOM cost-down analysis
- › Prototype to production in one location



## Plastic Injection Moulding

Plastic injection moulding is typically used for high-volume production plastic parts in a variety of different finishes.

- › Full range of thermoplastics including ABS, PC, PP and Nylon
- › Choice of material finishes to meet IP and flammability ratings
- › Different fixing options include screw-fit, snap-fit or ultrasonic welding for a permanent bond
- › Custom colours and finishes

## Overmoulding

Moulding around electronic circuitry ensures that the product is fully tamper-proof. This is an established technology used in many different applications.

- › Mechanically resistant to shock and vibration
- › Two stage moulding process where component protection is required
- › Often used in conjunction with cable assembly manufacture
- › Full customisation including finish, colours and logos



## Metal Stamping

- › Reduced manufacturing costs for medium to high-volume production
- › Stamping process enables production of high precision parts
- › Available in a variety of finishes; the anodised finish is especially resistant to corrosion
- › Frequently used in conjunction with aluminium extrusions to produce bespoke enclosures



## Aluminium Extrusion

The extrusion of aluminium is a versatile and cost effective process, resulting in simple or complex product designs with an excellent surface finish.

- › Lightweight, strong and corrosion resistant
- › Available in a variety of finishes including anodised, polished and painted
- › Custom colours and labelling
- › Suitable for small batch production



## Packaging

We offer a wide variety of packaging choices to suit your specific requirements.

Packaging options include:-

- › Custom labelling
- › Blister packs
- › Full retail packaging to include instruction sheets, user manuals etc

## Full Product Assembly

We offer a full product assembly service to those customers that require it. We can work through from the design concept stage right through to production, assembly and packaging.



Our technical experts will be happy to talk through your ideas and concepts and provide advice on designs and technologies that will be suitable for your products. We have a proven track record in providing unique solutions for our customers. So whether it's an enclosure, simple product modification or completely new product design, why not contact us to chat through your ideas or requirements.