

Designing for Manufacturability with **BOYD**



Engineered materials and thermal management solutions are often considered too late in the product design process, creating rework that adds cost and delays project delivery. That's why Boyd offers design engineering expertise. We help manufacturers accelerate the design cycle and achieve strong ROI by designing for manufacturability. We assure your components have maximum manufacturing yield and are optimized for highest efficiency installation or assembly in your production lines. Boyd's product design assistance delivers outstanding results for our customers.

How we work

Boyd has a unique product design perspective that enables more powerful, efficient, safer, and reliable devices in four simple steps.

01



Design consultation

We review your project requirements against a variety of factors to help you select the right technologies and the most optimal manufacturing processes that meet your design needs and differentiate your products.

02



Materials expertise

We'll use our deep materials science expertise to help you select the best materials that solve your performance needs, or unlock new material innovation to solve challenges for complex applications.

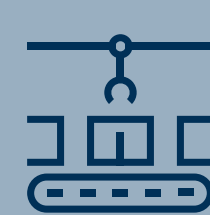
03



Rapid prototyping

We create production-quality prototypes using a range of materials to quickly validate your innovative concepts and rapidly test multiple design iterations to help you accelerate your time to market.

04



Production & assembly

We help you simplify your bill of materials and assembly processes with a holistic approach to final product design, integrating multiple components into streamlined solutions from a single vendor.

The benefits of designing with Boyd

Working with Boyd early in the product design process can help:



- ✓ Eliminate rework and errors
- ✓ Better integrate solutions that seal, cool, and protect into overall product design
- ✓ Achieve better product performance
- ✓ Accelerate innovation
- ✓ Reduce total cost of ownership or operation
- ✓ Create a better user experience
- ✓ Improve reliability
- ✓ Accelerate time to market
- ✓ Streamline production and assembly processes
- ✓ Provide priority access to materials from world-class suppliers like 3M



BOYD

Contact Boyd before you start your next project and enjoy all the benefits of our design engineering services.

www.boydcorp.com