

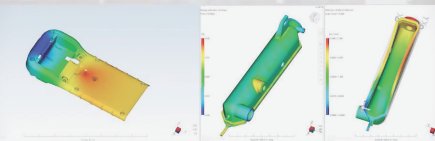
# DESIGN TO PRODUCTION, SIMPLIFIED.

Prototype-Plus™ is a low cost tooling solution that provides customers with the speed and cost of a prototype tool, at the quality level required for production.



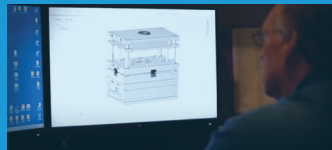
PROTOTYPE **Plus**™

## 1 Design for Manufacturability



AIM's mold designers review part details to ascertain tool complexity, cycle time, and possible cosmetic and physical issues in the part. Recommendations are made to reduce cost and increase process stability and consistency of the final product.

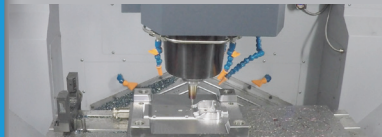
## 2 Tool Design



All tool designs are done in 3D CAD. Once completed, AIM will first conduct an on-line meeting with the customer to review the tool design ensuring all critical criteria is addressed.

**TYPICAL DURATION**  
**2-5 days**

## 3 Tool Construction



AIM employs a large state-of-the-art toolroom to utilize the Prototype Plus™ process.

**TYPICAL DURATION**  
**1 - 4 weeks**

## 4 Injection Molding SIM & FAI



Process development starts with Scientific Injection Molding. This ensures long term capability of the molding process, followed by a 100% FAI... confirming part to print.

**TYPICAL DURATION**  
**1 - 2 weeks**

## 5 Quality Validation



With our highly trained staff and well equipped lab, AIM Plastics is prepared to handle any level of validation that is required!

**TYPICAL DURATION**  
**Job Specific**

**CONCURRENT**

**TOOLING CHANGE**

