

Product Development at V-DP
Client-Centric Design

1. Initial consultation with a designer and manufacturing process expert
 - Determine the idea components and what they apply to
 - Define the market(s)
 - Define the material(s) and manufacturing method(s)
 - Determine the initial design direction based on the market(s)
2. Concept visualization
 - Initial 3d item creation using CAD software (Solidworks)
 - Creating a 3d .pdf file for client viewing
 - Consult with client to determine further design direction
 - a. V-DP uses DFM (design for manufacture) principles
 - b. size / shape
 - c. features
 - d. colors
 - e. materials
 - f. look and feel
3. Design Refinement
 - Adjust design based on input
 - Create 3d .pdf file for client viewing
 - Consult with client
 - Repeat this step as needed for mutual agreement to proceed
 - a. Consideration is given to the prototype method and cost at this stage. If the prototype is going to be expensive due to the required process, further design modification may be applied.
4. Prototype Creation
 - Using the most applicable prototyping process to create the item(s)
 - V-DP reviews the prototype and notes further design consideration
 - Client receives the prototype(s)
 - Consult with client
 - Repeat steps 3 & 4 until a manufacturable item has been designed and client is satisfied
5. Design Review
 - V-DP does final review of design for manufacture
 - Option to create production example part(s)
6. Final Consultation
 - Full review of item with client
 - Discussion of manufacture and marketing plans
 - Determine further V-DP involvement if applicable