



Bayard Design is a Product Design firm that can run your Engineering project from concept, to detailed design, to launch, and through to sustaining. Bayard Design specializes in Consumer, Medical and Military Product Design and Mechanical Engineering analysis. We have helped many established companies and startups quickly get their products to market by providing Engineered solutions to their product design challenges.

Bayard Design has a database of reliable suppliers in the US and China ready for all volumes of prototyping and production of your product. As experts in the rapid prototyping technologies we have in-house 3D printing and bring the latest best practices and techniques to bear on your product. We provide our customers with a full-service solution and can be your whole engineering department or become a member of your established team.

Bayard Design's Project Roles & Services

- Electro-Mechanical Product Design & Program Management
- Tolerance Analysis and Six Sigma Process Analysis
- Prototyping and Manufacturing Support
- Mechanical Engineering Analysis, FEA, CFD and Thermal Analysis
- Mechanical CAD/CAM Design in Solidworks
- Design Documentation
- Certification and Test Management

Portfolio Examples



Organ Transport System

*FEA, DOE, Pugh, FDA,
Medical Device,
IEC 60601*



Electronic Controller

*High Volume, Consumer
Product*



Voice Controlled IOT Device

*IOT, Smart Device,
Consumer, ID*



Robotic Articulating Arm

*Human Factors, FEA,
FDA, Medical Device,
IEC 60601*



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