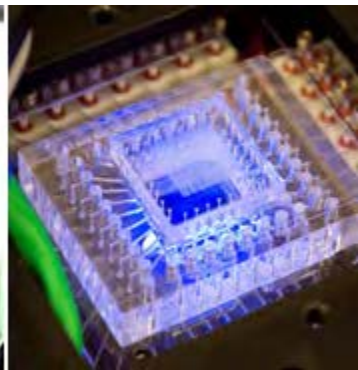
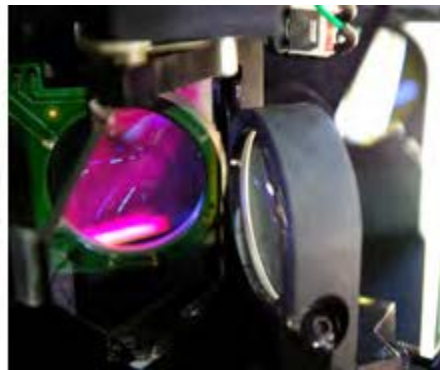
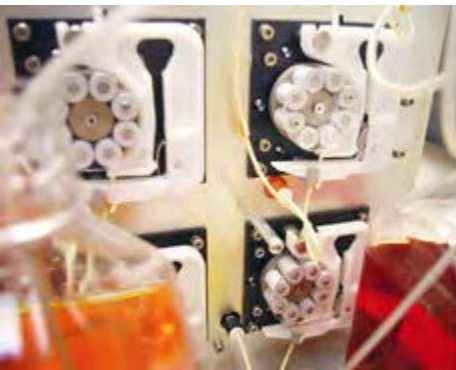




lean product design to commercialize your idea and grow your business.

From concept development to production, watch your vision come to life with Creation's end-to-end Product Design Services. For start-up and Fortune 500 companies alike, our design team has a 25-year track record of developing both new and next-generation products that have one thing in common: **they help our customers innovate, accelerate, and succeed.**



25 Years of Expertise Ensures You Meet Cost Reduction & Time-to-Market Goals

- 300+ Successful Products to Market in Variety of Industries
- 55+ Design Engineers: Optics, Electrical, Mechanical, Industrial, Software, Test, Fluidics
- Regulatory Expertise from FDA Class III & Premarket Approvals to RoHS & Emerging Legislation
- Complete Medical Device Development: ISO 13485-Certified Process
- Iterative/Phase Gate Design and Development Controls
- 2 Design Centers in Denver and Milwaukee
- 11 Manufacturing Locations across USA, Canada, Mexico and China



our team is your team.

End-to-End Design & Engineering Expertise to Fit Your Needs

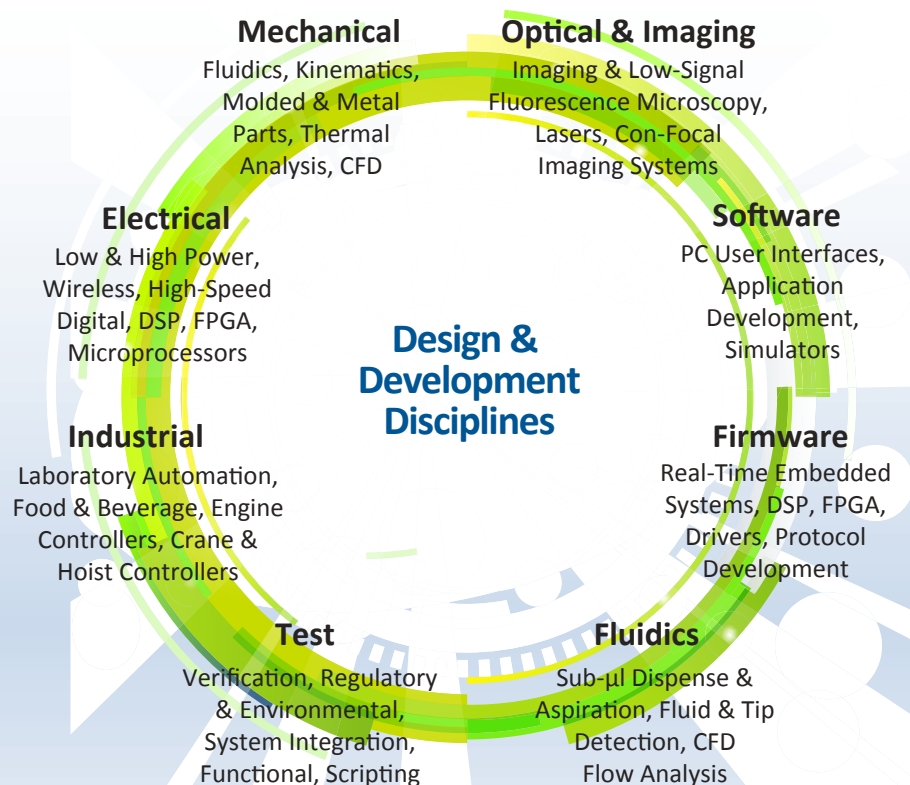
When you partner with Creation Design Services, you get proven expertise, expert project management and scalable solutions that are tailored to your business goals and your marketplace. You also get the benefit of Creation Technologies' EMS business expertise in manufacturing and supply chain and access to our manufacturing facilities around the world.

Product Development Services

- Concept & Feasibility
- Planning & Requirements
- System Design
- System Prototyping
- Verification & Validation
- Design Transfer
- NPI & Production Scale-Up
- Process Validation
- Saleable Production
- Manufacturing, Supply Chain & After-Market Services

Our Customers' Markets

- Medical
- Instrumentation
- Industrial
- Prosumer
- Communications & Wireless
- Defense, Security & Aerospace
- Transportation
- Environmental



ISO 14971 - Application of Risk Management
ISO 13485, FDA Class I, II, III & 21 CFR 820
IEC 61010 - Safety for Electrical Equipment
ISO 60601 - Medical Equipment Electrical Safety
ISO 62304 - Medical Device Software Development
RoHS & CE Marking, CSA Marking, and UL Labeling



products your customers will love.

Product Design Success

Our successes are the result of an accomplished team dedicated to finding technical solutions that meet business and marketing requirements and exceed expectations. Here are a few examples of our customers' successful products:

Pulse Oximeter:

Design & Development, Prototyping, Manufacturing and Systems Integration



Highlights

- 70% Cost Reduction
- 300% Increase in Battery Life
- 50% Decrease in Physical Battery Requirements
- High-Volume Production
- Automated Production Test Fixture

Project Expertise

- Electrical & Mechanical Systems
- Industrial Design Support
- C-Based Software Development
- PC User Interface
- Custom LCD & Consumer Enclosure
- RoHS Compliance & Chemical Resistance

Deep Vein Thrombosis Prevention System:

Design & Development, Prototyping and Transfer to Manufacturing



Highlights

- Next-Generation Prototype within 15 Weeks
- Pilot Build within 28 Weeks
- Field Units Proved Project Success: Increase in Blood Flow Goal Reached
- FDA 510(k) Documentation Risk Analysis

Project Expertise

- Electrical & Mechanical
- Software Development
- System Verification Planning
- FDA 21 CFR 820
- ISO-13485 , ISO-14971, IEC 60601-1

IVD System & Assaying Tissue Sample Slides:

Design & Development and Prototyping



Highlights

- Development of 2 Proof-of-Concepts for Risk Mitigation
- Thermal Controls & Incubation
- Company Maximized Short-Term Revenues & Profits, Selling Assets and Exiting in 44 Weeks

Project Expertise

- Electrical & Mechanical Engineering
- Industrial Design
- Fluidics, Mechanisms, Heat Transfer
- Embedded & User Interface Software
- CE Mark & UL Compliance for Laboratory Instrumentation