



Industrial Design + Mechanical Engineering Concept to Production - Design and Product Development Services

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Design and Engineering for tough environments – outdoors, sports, industrial and medical

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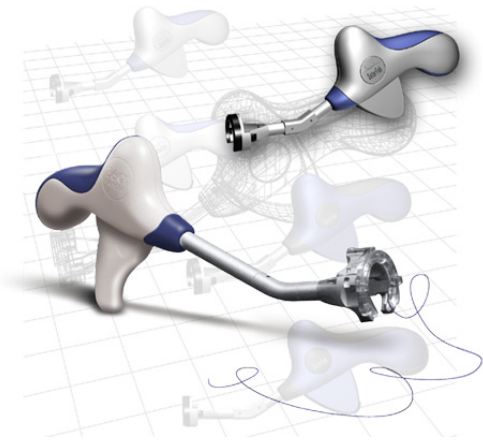
Office Products + Design + Engineering + Brand Development

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Infrastructure – Power – Networking – Connection

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Human Interaction + Ergonomics + Hand Held + Regulated

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Concept to Production Design and Engineering

Industrial Design + Mechanical Engineering + Sourcing

Concept to Production Phase Gate Process

Phase 0	Specification	Definition + Research
Phase 1	Concept Development	Configuration + Design and Engineering Concept + Human Factors
Phase 2	Design Refinement	Feasibility Testing + Refinement to One Concept + User/Customer Evaluation
Phase 3	Part Design	Production Part Design + Cost Confirmation + Final Specification
Phase 4	Prototype and Documents	Prototype and Evaluation + Final Sourcing + Control Documents
Phase 5	Tooling through Production	Tooling Release and Review + First Article Evaluation and Final Revisions

Computer Aided Design Software and Capabilities

Pro-Engineer and Solid Works

Finite Element Analysis + Tolerance and Production Engineering + Design to Cost for worldwide sourcing + High Volume Production Design

Design for Patent Application and IP Strategy

Demonstrated ability and extensive experience in electronic packaging combining industrial design and mechanical engineering

Facilities

Staff Size 12 1/3 Industrial Design 2/3 Engineering Experienced Senior Staff

12,000 Square Feet – Large Conference Facility + Foam Model Shop + Secure Client Areas

Founded 1984 – over 20 major design awards from IDSA/Business Week, IF, Appliance Design, ID Magazine

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