

About us:

- Specialized in technical consulting, project/program management, and cad services.
- o Proven track record of engineering and operations achievements.
- Excellent communication. Organized, approachable, and down to earth while also remaining persuasive as necessary with proven leadership qualities.
 - Skilled in leading highly effective cross-functional teams from concept to completion through engineering leadership, program & project management using appropriate-to-task tools and experience (also Lean-Sigma Black Belt trained).

Product and Process Design

- o Including Fixture, Tool, and Gage Design: highly experienced in 3D Solid Modeling & 2D Drafting.
- o **Solidworks**, is the primary cad system used.
- Also experienced in Inventor, Pro/E, Cadkey, Mastercam

• **Process Development**, experienced with a wide range of processes including:

- o Mill, VMC, 2 to 5-axis
- o EDM: Wire, Conventional/Plunge, Small Hole/Drill
- Lathe, Swiss Machining
- o Grinding: Surface, Centerless, Multi-Axis / Flute
- Laser: Welding, Cutting, Marking
- Waterjet
- Manual: Assemblies, Deburring, Inspections, Induction Welding, Ultrasonic Welding
- o Finishing: Electropolishing, Passivation, Pickling, Cleaning
- o Injection Molding, Castings, Lost Core
- Rapid Prototyping

Quality

- o IQ/OQ/PQ protocol development and execution
- Gage R&R's, DOE's, Capability Analysis
- o Minitab & SPC
- o Versed in ISO13485, ISO & QS9000
- Lot Containment & NCMR

• Metrology Support, experienced in a wide array of metrology techniques including:

o CMM, Smartscopes, Micro-Vu, Comparators, Overlays, Laser/Bench/Handheld Micrometers, Calipers, Gages and Indicators, Profilometers, Visual inspections, Go/No-Go, Hard Gages & Other Standard Measuring Tools, etc.

Up-To-Date with Technology

Utilizing the latest in Solidworks CAD, as well as, in the Microsoft Office suite of professional tools including Access,
Visio, and Project. These tools are essential to function as a project management customer representative, and as a manufacturers' liaison.

• Scalable Support, from one to an entire team:

An extended team of highly skilled individuals is available when needed - capable of ensuring a manufacturing projects' success through engineering and machining expertise. Each person on this team brings with them 20 years+ of experience in their discipline, which includes ME / QE / Management / Toolmaking / CAD and CAM (up to 5-axis). Without a doubt, this team is versed at being new product & process development professionals.



CONTACT INFORMATION:

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