

"We provide over-the-counter service to customers who need:

Drawing Control

- NTK – Need to Know, Access and Verification
- IMS files printed or e-mailed
- Verification of drawing information (metadata)
- Scanning of drawings for electronic transfer to IMS
- Preparation of "blowbacks" from board drawings
- Legacy information about files or documents
- Data Archival (storage, retrieval and maintenance)
- Conversion of microfilm to electronic data
- Copy Services (color copies, prints documents, drawings, etc.)



Available Prints Sizes

- A (8.5" X 11")
- B (11" X 17")
- C (17" X 22")
- D (22" X 34")
- E (34" X 44")

LARGEST SIZE: 34" X 250"

Our Mission

"Provide exceptional engineering design, definition, and information management services to SNL/CA's engineering and scientific staff. To meet or exceed the requirements of those customers, while providing these services with attention to cost, performance, and schedule."

8948
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Manager
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EA & Specifications **Drawing Control**
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Electrical
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Otto, Catherine Schubert, George
Whitney, Rod

Mechanical
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Allen, Ed Lombardi, Joanne
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Belluomini, Jerry Nguyen, Thanh
Bunn, Steven Schwinghammer, Mike
Cass, Brian Tong, Jeff
Chavez, Tony Tootle, Michael
Chavez, Barbara Vonhof, Scott
Chavez, Daniel Wong, Martin
Claudnic, Mark

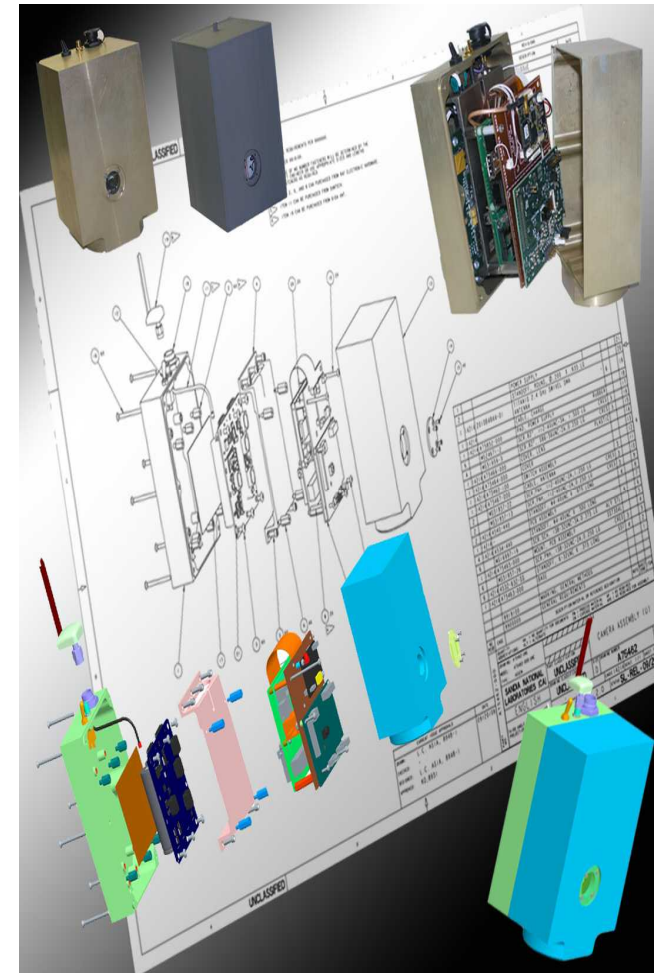
For assistance please contact:
925-294-4949



**engineering
design
services**

ENGINEERING SAND2008-3325P **DESIGN**

**YOUR NEEDS!
OUR CAPABILITIES!**



925-294-4949

Mechanical

- Machine Shop Interaction
- Pro/Engineer
- SmartCAM
- AutoCAD
- Inventor
- SolidWorks
- Unigraphics NX
- PhotoShop
- Excel
- 3D Scanner Reverse Engineering

Electrical

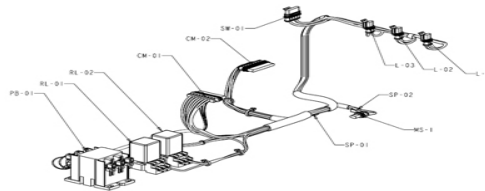
- Mentor Graphics
- Design Capture
- DxDesigner
- Expedition PCB
- VeriBest
- VBPCB
- MicroStation V8 and '95
- Pro/Engineer

Mechanical

"Our organization has a group of experienced Senior Mechanical Designers who provide services from conceptual designs to production drawings using the most advanced computer aided design software (Pro-E) to create part models and assemblies in 3D"

Additional Services

- Rapid Prototype Plastic Models- (SRN, SCN)
- 3D Modeling
- Photo-realistic Images for Presentations
- Animation for Assemblies and Training
- In Depth Tolerance Studies
- Cable Design



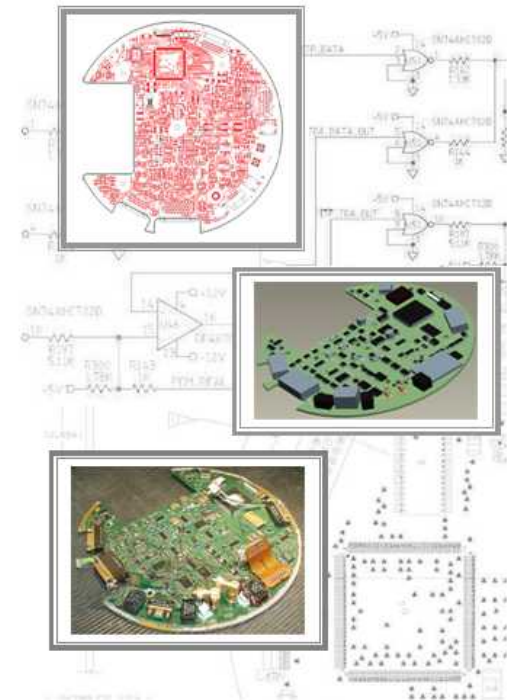
Assembly Fixture Produced Rapid Prototype



Electrical

"We have a staff that can provide services ranging from schematic capture and interconnect diagrams to multilayer PCB and flex cable layout. We can accommodate either unclassified or classified designs (up to and including SRD, Sigma 15."

- Schematic Capture
- Multilayer PCB Design
- Flex Cable Layout
- Interconnect Diagrams

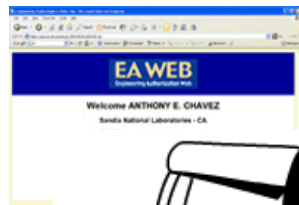


Released PCB definition includes a full range of standardized manufacturing files (Gerber 274X photoplot files, NC Excellon drill files, etc.) and detailed fabrication and assembly drawings. Our PCB designs can also be translated into Pro/ENGINEER 3D models.

Engineering Authorization (EA)

Specifications

Material List (ML)



Material Lists

Engineering Authorizations control drawings, specifications, Automated Material Lists (AMLs) and any other documentation that defines the product, thereby controlling the product.