

Consulting services
to transition your
ideas from *concept*
to *hardware*.

CAPABILITY STATEMENT

Mission

Our Mission is to help the government create new technology in an efficient and cost effective manner. We have been subcontracting on various government projects for over 6 years. We are experienced with developing a wide range of electronics on multiple platforms.

Core Competencies

1 – Integrated circuit (IC) and application specific integrated circuit (ASIC) design and testing. We have designed, implemented and tested many types of circuits and systems. We have worked with pure analog, mixed signal and pure digital circuits and systems. We have worked in many process types and feature sizes and are experienced with radiation hard by design techniques as well as 3DIC techniques.

2 – Printed circuit board (PCB) design and testing. We can build and test anything from a simple test fixture to a complex system. We work with analog and digital systems as well as program FPGA's, microcontrollers and software interfaces. We have experience using components from all major manufacturers.

Company Information

Sensing Machines

8604 Fowler Avenue
Baltimore, Maryland 21234
www.sensing-machines.com

DUNS: 620867593

CAGE: 4J6H4

Government Point of Contact

Francisco Tejada, President

Phone: 443-312-2182

Email : GovInfo@sensing-machines.com

NAICS Codes

541330 541380 541712

PSC Codes

AC61	AC62	AC63	AC64	AJ41	AJ42
AJ43	AJ44	AN11	AN12	AN13	AN14
AN15	AR11	AR12	AR13	AR14	5962
5963	5980	5998			

Designed circuits and systems include:

Amplifiers, comparators, filters, mixers, voltage references, analog to digital converters (ADC), digital to analog converters (DAC), frequency synthesizers, lock in amplifiers, direct digital synthesizers, imagers, control loops, sensor readout electronics, optoelectronic control systems, digital control units, test fixtures.

Past Performance

Our Clients include:

- The Johns Hopkins University Applied Physics Lab
- NASA Goddard Space Flight Center
- Aeroflex Plainview
- International Rectifier
- Lumedyne Technologies
- AMTEC Corporation

Competitive Edge

- Design team excels at interacting with clients to fully understand and correctly implement the project
- We are agile and responsive to our customers and projects needs
- Maintain all the necessary software and hardware to develop and test the systems we design and build
- Excellent time and cost estimation to complete your project on time and on budget
- Full product support after hardware delivery including support design, testing and product documentation