



Strive not to be a success, but rather to be of value. -Albert Einstein-

Capability Statement

B&A Engineering Systems Inc.

- Electronic Design
- Space, Avionics & Instrumentation
- Engineering Services

B&A Engineering Systems, Inc. (BAENG) is a vibrant, growing business centered on developing space flight, avionics systems, and Instrumentation. Our highly-qualified staff collaborate directly with clients to develop systems from initial concept to final system integration and testing.

BAENG provides turn-key solutions, high-quality engineering services and peak performance EGSEs that are utilized in space missions and projects.

Over 25 years of relentlessly delivering innovative, high quality designs and solutions, has culminated in an ingrained culture of aspiring for brilliance. We pride ourselves in the quality of projects we deliver and look forward to the road ahead.

Why B&A?

- Customer Relationship (100% Retention)
- On-Demand Services
- Project Time Saving (Consistent ahead of schedule delivery track record)
- Turning customers to partners
- 25 years of experience in space applications
- Vibrant multi-disciplinary expertise

Core Capabilities

- Electronic design, system integration and testing
- Radiation hardened electronic instrumentation
- FPGA Programming
- Ground Support Equipment (GSE)
- Prototyping
- Concept Development
- Research & Development
- Turn-key Solutions
- Electronic/Mechanical Assembly Services

Competitive Advantages

- National Instruments Silver Alliance Member
 - 3 CLD Engineers
 - Value Added Reseller (VAR)
- ISO 9001 Certified
- Registered on: SAM, NVDB, SBA
- JPL IDIQ Contract
- AS9100C compliant

Representative Past Performances

- **Flight Hardware Design** - Mars Science Laboratory (MSL), Mars Exploration Rover (MER), Mars 2020, Jupiter JUNO mission, Earth Orbiting Satellites (EOS) weather satellites, CubeSat.
- **EGSE** - CAL, SWOT, NISAR, M2020, Europa
- **SBIR** - Extreme Environments Technology



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Sample – Products

Test Equipment:

- Isolation Box Chassis:
- Break-Out-Box
- Various Isolation Test Interface cards

B&A Engineering National Instruments:

- SE DIO FlexRio Adapter Control
- Xilinx ChipScope PRO Debugging BOB

Boards:

- DC Motor Controller
- +3.3V Isolated Regulator Board
- +5V Isolated Regulator Board

Intellectual Property:

- Hyperspectral Data Compression IP Core

North American Industry Classification System (NAICS)

335129 - Other Lighting Equipment Manufacturing

334220 - Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing

334290 - Other Communications Equipment Manufacturing

334511 - Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing

334515 - Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals

541330 - Engineering Services

541380 - Testing Laboratories

541511 - Custom Computer Programming Services

541512 - Computer Systems Design Services

541715 - Research and Development in the Physical, Engineering, and Life Sciences

Major Clients

Jet Propulsion Laboratory Northrop Grumman Giant Magellan Telescope Honeywell Sierra Lobo
NASA Goddard

General Information

Registered Company Name: B&A Engineering Services Inc.

DBA: B&A Engineering

Year Incorporated: August 2000

State of Incorporation: California

Corporation Type: S

DUNS Number: 092263818

CAGE Code: 4DQ22

Contact Information

Telephone: (949) 335-9707

Address: 3554 Business Park Drive, Suite A-1
Costa Mesa, California 92626

For General Questions: info@baengineering.com

For Sales Questions: sales@baengineering.com