



## CAPABILITIES

### COMPANY INFO

Integrity Engineering & Design Solutions (Integrity-EDS) offers seamless outsourced tech and engineering solutions such as hardware development, obsolescence mitigation, small quantity manufacturing, skilled personnel support, testing, and beyond all accomplished by our FlexInterface™ Project Fulfillment program. This progressive management process combines the outsource capability depth of Integrity-EDS along with our cost and time-saving process solution that bridges the gap between engineering *skill shortfalls* and *project completion* known as ProjectSource. The services and skillsets provided through these programs are vetted and verified for quality, service, and reliability. In turn, your program will achieve the optimal outcome of *on time delivery* without unnecessary cost overruns.

### CAPABILITIES

#### ENGINEERING SERVICES

**Systems Engineering** - Mechanical, electro-mechanical, electronic, software, test and certification at the component and systems level, using requirements-based engineering. Interpretation and application of both US and European Airworthiness Standards (Design Assurance Standards for Airborne Electronic Hardware). Document development, configuration, test, requirements analysis and definition, verification and validation.

**Electrical Engineering** – Hardware Development; Analog, Digital and mixed Circuit Design, miniaturization, FPGA and Specialized Test Equipment.

**Mechanical Engineering** - Mechanical Engineering - Engineering Design & Detailing, Design for Manufacturing (DFM), Design for Assembly (DFA), Value Engineering, CAD/CAE/FEA analysis, Material Selection, Test Analysis

**Software Engineering & Programming** – Systems Software design and development, embedded software design, drivers, systems integration.

**Requirements Based Engineering** – Systems Life Cycle Processes, DOORS, Rational Tool Set (ReqPro), SEMP, CONOPS development, System Architecture, DODAF and UML Modeling, Metric development and management.

**RECON Engineering Services** – Concurrent process flow for reverse engineering and updating electronic and mechanical hardware and data.

#### DESIGN

**Electrical Design** - Analog, digital, mixed signal, high-speed, RF, EMI, impedance control, SMT, thru-hole, high density, micro/blind/buried vias, 30+ layers, schematic development, library management and parts development.

**Mechanical Design** - Electro/Mechanical packaging, rack and panel configurations, cabling and routing, configuration control/ECO's, CAD/manual design/drafting, 2D/3D modeling, detailed mechanical assemblies and test equipment.

**PROGRAM SUPPORT**      **FlexInterface™ Project Fulfillment** - Proprietary process designed for program support and services with the utilization of our **ProjectSource Process** of Rapid Placement of highly skilled resources matched to project requirements.

**CERTIFICATIONS**      **Self-Certified Minority Owned Small Business**  
**Self-Certified Small Disadvantaged Business**

**NAICS**      **Primary**      **541715** – Engineering Research and Development  
**541330** – Engineering and Design Services  
**541511** – Custom Computer Programming Services  
**541512** – Computer Systems Design Services  
**541613** – Marketing Consulting Services  
**561311** – Employment Placement Agencies  
**561320** – Temporary Help Services  
**561330** – Professional Employer Organizations  
**423690** – Circuit Board Merchant Wholesaler

**SAM/ORCA**      **SAM – Registered**      **Status: Current**  
**OCRA – Registered**      **Status: Current**

**CAGE CODE**      **3DHZ5**

**DUNS #**      **127193667**

**QUALITY STD**      **ISO9001:2015 and AS9100:2016 Rev. D (3<sup>rd</sup> Party Certified)**

**CUSTOMER BASE**

Raytheon Missile Systems: Tucson, AZ	ACSS/L-3 Communications: Phoenix, AZ
Honeywell Aerospace: Phoenix, AZ	General Dynamics: Scottsdale, AZ
Dept. of the Navy	Optivus Corporation: California
Zodiac Aerospace, San Diego, CA	Dept. of the Army

Contact us for more detailed information on tools used, specialized capabilities, program and project management capabilities, quality assurance, references, etc.

Visit our website: [integrity-eds.com](http://integrity-eds.com)

**Art Bejarano Jr.**  
President/CEO/Dir. Bus. Dev.  
**Integrity Engineering & Design Solutions**  
dba of Integrity PCB Design, Inc.  
(866) 509-4447 Main  
(602) 509-4466 Direct  
(866) 509-4722 Fax  
Art.Bejarano@Integrity-EDS.com

**Corporate**  
29023 N 148<sup>th</sup> St  
Scottsdale, AZ 85262

**Mailing Address**  
28150 N Alma School Pkwy, Ste 103-631  
Scottsdale, AZ 85262