



CAPABILITIES

COMPANY INFO Integrity PCB Design, Inc., d/b/a Integrity Engineering & Design Solutions an Arizona Corporation, established in 2002. Integrity–EDS provides full engineering and hardware development services to the DOD, aerospace, medical and telecom industries.

CAPABILITIES **ENGINEERING SERVICES**

Systems Engineering - Experienced Systems Engineers for mechanical, electro-mechanical, electronic and software test and certification at the component and systems level, using requirements-based engineering methodologies (RBE). Interpretation and application of both US and European Airworthiness Standards governed by EUROCAE ED-14D/RTCA DO-160 (Environmental and EMI/HIRF Hardware Test Standards), EUROCAE ED-12B/RTCA DO-178 (Software Test Standards) and RTCA DO-254 (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 - Integrity has designed, developed and produced aerospace rotating components, helicopter blades and maintenance tools. We can fabricate and assemble our designs, including component enclosures and installation packaging.

Software Engineering – Software design and development, embedded software design, drivers, 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 hardware and data. PCB>>Gerber>>Schematic; Mylar>>Gerber>>Schematic; PDF>>Gerber>>Schematic; Old PCB Data>>Updated PCB Database. Obsolete Parts, Legacy and Full Turnkey Reverse Engineering.

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.

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 (3rd 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: www.Integrity-EDS.com

Art Bejarano Jr.

President/CEO/Dir. Bus. Dev.

Integrity Engineering & Design Solutions

dba of Integrity PCB Design, Inc.

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