

Electronic Systems

B/E AEROSPACE

Passion to Innovate.
Power to Deliver.



ELECTRONIC SYSTEMS

B/E Aerospace Electronic Systems provides custom designed, highly engineered solutions for electronics, power, interconnect, data storage and processing systems supporting military and commercial applications.

Made up of three facilities with over 100 years of combined experience, B/E's Electronic Systems serves a multitude of OEMs across several different markets, giving customers the unique opportunity to leverage experience with creativity and responsiveness to solve complex electronics packaging challenges.





ENGINEERING INNOVATION

B/E Aerospace's engineering expertise offers solutions in system electronics, cockpit avionics, VITA and custom power products, power ready enclosures, data capture subsystems, custom interconnect design, bringing higher performance with reduces volume and weight.

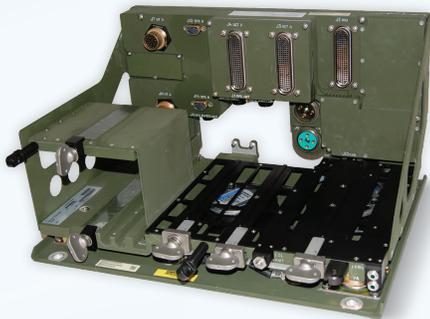
EXPERTISE

- Electrical & electronics design
- Power conversion engineering
- Field test equipment design & programming
- Mechanical / electrical packaging & interface
- Thermal and structural modeling
- Interconnect fiber optics design
- Custom backshell design
- Information Assurance Systems
- High capacity / High speed data storage
- DO-178 / DO-254 software development
- Environmental qualification test programs

MANUFACTURING INGENUITY

In the ever-changing world of supplier value-added capability, more customers are looking toward our vertically integrated manufacturing and assembly strategy. We combine design expertise with in-house production manufacturing processes to produce the finest in design and solutions.

- Systems design
- Sub-systems design
- Electronic / electromechanical assemblies
- Power supplies
- Power distribution panels
- Cockpit and avionics panels
- SMT and thru-hole circuit card assembly
- Electronic and mechanical packaging
- Complex box build
- Conformal coating (spray or dip), encapsulation and potting
- Large cabinet assemblies
- Hardware design
- Braiding
- Molding
- Woven harnesses
- Fiber optics
- Hybrid copper/fiber optics cables
- Flex cables
- Flex circuit design
- Backshell design
- Planetary cable winding
- Connector design



B/E AEROSPACE ELECTRONIC SYSTEMS



AMERICAN AVIONIC TECHNOLOGIES CORPORATION

AATC is a solutions provider in the military and commercial electronics market that offers design to spec and "value added" manufacturing services for military and commercial, airborne and ground based systems. Product mix includes cockpit switching and control panels, embedded VME / VPX power products, custom power products, electro mechanical assembly, and legacy avionics.

25-1 INDUSTRIAL BLVD.
MEDFORD, NY 11763
P: 631-924-8200
AATCORP.COM



MACROLINK, INC.

Designs and manufactures ruggedized system solutions for avionic, mobile and fixed applications. Our rugged ATR chassis, COTS chassis, portable rugged workstations and high speed deployable data storage systems meet the most demanding environmental requirements. Our flight qualified Airborne Recorders and Data at Rest NAS systems feature high-cycle removable Solid State Disk storage.

1500 NORTH KELLOGG DRIVE
ANAHEIM, CALIFORNIA 92807
P: 714-777-8800
MACROLINK.COM



WOVEN ELECTRONICS, INC.

Leading source for analog and digital custom-engineered, interconnect solutions including woven cable configurations, unique mechanical and electrical packaging, and precision fiber optic designs for mission-critical applications.

1001 OLD STAGE ROAD
SIMPSONVILLE, SC 29681
P: 877-539-6836
WOVENELECTRONICS.COM

CERTIFICATIONS

QUALITY ASSURANCE:

- Training and employee certification
- Scheduled calibration and recertification of test equipment
- Internal audit systems
- Defect database and statistical process control charting

NADCAP CERTIFIED:

- Cable and Harness
- Circuit Card Assembly

OTHER:

- AS9100 / ISO 9001:2008
- J-STD-001, IPC-A-610
Class 1,2,3