

# EMTEQ

## Offering Unparalleled Services, Products for Aviation Industry

**E**MTEQ is a comprehensive solution provider, specializing in avionics systems & integration, cabin management systems & cabin comfort, and interior & exterior LED lighting systems for retrofit and forward fit applications in the aviation industry. To complement this product offering we provide unparalleled services in design engineering, system engineering, aircraft certification and consulting services.

### SkyPro™ and Cabin Comfort

In 2009, EMTEQ began production of SkyPro™, The Advanced Connectivity Productivity Solution. SkyPro™ is an all digital, high-definition system designed for scalability and customization with regard to productivity, entertainment and cabin environment. SkyPro™ links carry-on electronic devices to the existing SATCOM system, connecting passengers to work and life on the ground. All passengers are provided with an all-digital, high definition network, creating a personalized audio, video (including Blu-ray) and gaming environment.



ELEMENTS™ Seat Heaters, the industry's first airworthy seat heating system, are FAA-certified and RTCA DO-160 compliant. Manufactured with aircraft grade materials, each seat unit contains built-in safety features such as system self-diagnostics, redundant temperature monitoring and automatic shut-off.

EMTEQ's AC power outlet solutions are designed for 110 and 220. EMTEQ also offers custom call buttons and switches.



### Interior LED Lighting

New this year is EMTEQ's 115VAC interior LED ceiling and sidewall light (ELW83) for the air transport market. This product was designed as a low cost solution for cabin refresh programs. EMTEQ's expansive LED interior product line includes options from upwash/downwash and lavatory lighting to entry way and cockpit lighting. EMTEQ's versatile lighting systems are installed on numerous aircraft platforms. Utilizing the latest in LED technology, these lightweight products emit a brighter, cleaner, and more consistent light. The result is a lighting system that lasts longer, requires less power, has greater durability, and is easy to install with low maintenance.

### Avionics Engineering, Kits & Certification

EMTEQ currently holds over 100 STCs for more than 30 aircraft models covering navigation, surveillance, communication systems for air and ground communications, and interior lighting systems. EMTEQ's Partnership for Safety Plan with the Federal Aviation Administration (FAA), on-staff FAA DERs, DARs, DMIRs, and mechanical and avionics engineers expedite customer program timeframe requirements. Capabilities include engineering, design and certification services, installation kits and avionics support packages, instrument panels, interface and main wire harnesses, and avionics systems.

### FC Exterior LED Lighting

EMTEQ's state-of-the-art optics and chip-on-board LED technology provide more versatile packaging options than traditional exterior lighting products. These

products reduce power consumption, are lighter in weight and smaller in size, require fewer maintenance demands, are easy to replace and customizable. Products are designed and manufactured by Flight Components, EMTEQ's Switzerland office, and meet RTCA DO-160 and MIL-STD-810 standards in accordance with EASA TSO, FAA TSO certification and OEM specifications.

### Coaxial and Specialty Cables, and Equipment Trays

EMTEQ offers a complete line of RF Coaxial and Specialty Cables, ARINC 404/600 and Specialty Trays and Wire Harnessing. Full system integration services are available for standard avionics systems, structures and kits, or for custom program applications.

### ACS Aircraft Engineering and Certification & NAI Specialty Structures and Mechanical Systems

ACS-NAI, EMTEQ's Canadian facility, is a Transport Canada (TC) Design Approval Organization (DAO 98-C-01) and approved manufacturer, distributor & maintenance provider of aeronautical products (AMO 88-97). ACS-NAI has the authority to issue aircraft approvals for aircraft repairs and modifications including avionics and electrical systems, structures, flammability, occupant safety and interior and mission systems. ACS-NAI also provides subcontract manufacturing to major airframe manufacturers and maintenance organizations worldwide.

EMTEQ employs 400 people and operates from a state-of-the-art, PMA and AS9100 approved, 57,000-square-foot facility in New Berlin, Wis., with global offices in Florida, Winnipeg, Canada, Taubaté, Brazil, and Bachenbülach, Switzerland. EMTEQ also holds a strategic partnership with Cable Technology in Great Falls, Mont.

### Contact Information

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