

Wireless integration

Wireless emergency lighting system



Securaplane's wireless emergency lighting system (WELS) is now flying on the Boeing 787 Dreamliner.

The system provides illumination and signage to enable passengers and crew to evacuate the aircraft in an emergency.

WELS uses wireless Securaplane™ intra-aircraft communication to save weight over wired systems by an estimated 52 pounds. The system can be easily reconfigured through wireless technology (including reprogramming). This allows seats to be reconfigured without wiring, transverse separation enabling the aircraft's emergency lighting to operate regardless of structural damage, maintainability through wireless reprogramming, health management diagnostics and LRU level replacement.

Key features

- **Weight savings**
Weighs approximately 52 pounds less than a wired system
- **Easy reconfiguration**
Seats can be moved without changing control wiring
- **Transverse separation**
Emergency lights operate regardless of structural damage to aircraft
- **Maintainability**
Wireless reprogramming, health management diagnostics and LRU level replacement
- **Interchangeable controllers**
Identical wireless controllers are configurable to act as master, subordinate or remote units, minimizing part numbers for spares

Applications

- Illumination and emergency exit identification

Approved installations

- Boeing 787 Dreamliner family

Securaplane

Our product competencies and services:

Aircraft security systems | Airborne video cameras | Aircraft batteries | Battery chargers | Inverters | Converters | **Wireless integration**

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About us

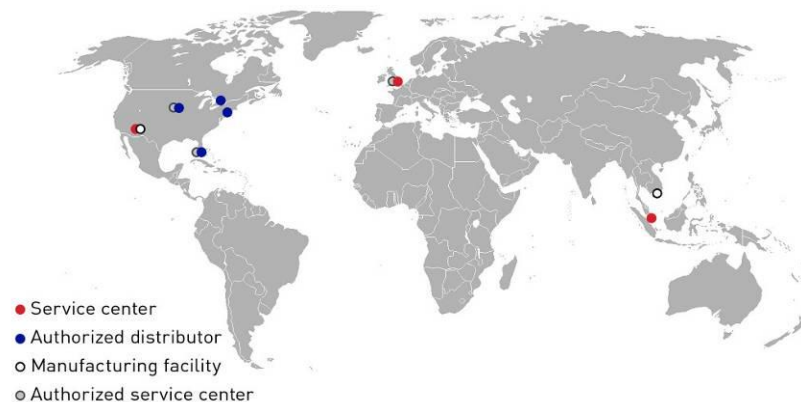
Securaplane is a leading supplier of avionics products for business, commercial, and military aircraft including airborne video cameras, security systems, emergency and main ship batteries, battery chargers, inverters, and wireless control systems. Our products are installed by major OEMs including AgustaWestland, Airbus, Boeing, Bombardier, Cessna, Dassault, Embraer, Eurocopter, Gulfstream, Hawker Beechcraft, and Sikorsky.

In April 2011, Securaplane was acquired by Meggitt PLC as part of a broader acquisition of the Pacific Scientific Aerospace group of companies. Headquartered in the United Kingdom, Meggitt PLC is an international group operating in North America, Europe, and Asia. Known for its specialized extreme environment engineering, Meggitt is a world leader in aerospace, defense and energy markets.



Locations

Securaplane's headquarters in Tucson, AZ is home to its primary manufacturing and engineering facility. Securaplane is supported by sub-assembly work performed in Vietnam and repair and overhaul work in the UK and Singapore through other Meggitt facilities. Securaplane customers are supported through authorized distributors and service centers throughout the world.



Certification

FAA Part 145: Certificate number SROR383N
EASA Part 145: Certificate number EASA.145.5074

Contact us

Customer service

To place new orders, inquire about existing orders, or arrange for Securaplane product upgrades

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Technical support

For questions regarding installation, operation and troubleshooting of our products

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Sales

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