



FLEET ENHANCEMENTS

In-Flight Entertainment and Connectivity



LIFECYCLE
SOLUTIONS



IN-FLIGHT ENTERTAINMENT AND CONNECTIVITY

Boeing LIFECYCLE SOLUTIONS encompass products, services, and support that will help you realize the maximum value of your Boeing fleet throughout the service life of your airplanes. This includes help refreshing airplane interiors and optimizing in-flight entertainment and connectivity systems.



OPTIMUM PERFORMANCE AND HIGHER RELIABILITY



Proper integration of in-flight entertainment and connectivity systems can help your airline build passenger loyalty.

Our engineers have direct access to the original design data necessary to properly integrate and troubleshoot onboard systems on every model of Boeing airplane. Our industry experience and expertise as the airplane OEM enable us to optimize your in-flight entertainment and connectivity systems to deliver seamless, dependable performance to your passengers.

Systems integration expertise and project management experience.

A Boeing LIFECYCLE SOLUTION ensures a timely, effective integration.

- Develop a comprehensive plan for the integration.
- Test all installations and interfaces.
- Ensure that the systems meet certification requirements.
- Manage the project, including supplier relationships.

All configuration changes are thoroughly documented, and you can count on worldwide spares availability and logistics.

World-class technical consulting.

Let us be your partners in planning and installing the IFE and connectivity system that is right for your airline. Our engineering, project management, and modification specialists can assist you with everything from evaluating and testing to certifying the systems you select.



Tailored solution.

As a full-service integrator, Boeing can perform as much of your upgrade as you require, including management of all aspects of your project through certification. We can also manage systems suppliers, including peripherals, seat, and galley suppliers, to ensure that your requirements are met. On-site support is also available. Our engineering, project management, and modification specialists reduce cost and schedule risk, freeing you to do what you do best.



A complete line of innovative, high-technology products and services.

Our products and services range from individual critical skills or tasks to comprehensive projects. All work is backed by Boeing quality assurances — the best in the industry.

- Project management.
- Design and integration of fiber optics and copper-based high-speed networks.
- Airplane and systems integration.
- Seats with installed IFE.
- Purser workstations and video control centers.
- Audio and video systems.
- Integrated audio/video on-demand systems.
- Connectivity systems integration.
- Cabin telecommunications.
- Unique software applications.
- Dividers and closets containing IFE.
- Public address and cabin services.
- Associated wiring and racks.
- Enhanced cooling.
- 777 and 747 standard interface.

Enhanced cooling.

Only Boeing offers a cooling system design that is integrated with airplane systems to manage waste heat that can compromise cabin comfort and impact other systems.

Standard interface.

Cabin services management kits standardize the in-flight entertainment system interface (ARINC 628 Part 3) across 777 and 747 models. The Boeing portion of the in-flight entertainment system interface — the cabin management system — therefore integrates smoothly with corresponding airplane systems.

Conveniently manage information.

The Boeing kit establishes a protocol for the type, format, rate, and location of information transferred. It also establishes a protocol for electrical requirements and timing, BITE, and maintenance and control logic standards. Once installed, the kit provides a standard interface to install an ARINC 628 Part 3-compliant buyer-furnished IFE system for audio, passenger services, video, and games.





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