Consequent Evolution: a scalable and flexible solution to suit your business model

BoardConnect Product Suite: the upgrade path

Variable configurations

The system’s modular architecture enables you to upgrade gradually, step-by-step, to add new features and to reduce system size at a later stage. Many variations on these configurations are possible so you can adapt your mission to the greatest extent. The system’s scalable architecture brings a new degree of flexibility to the world of IFE and broadens the range of aircraft which can be profitably equipped.

mCabin – connect your crew

Lufthansa Systems’ mobile solution mCabin is the only app your cabin crew will ever need to give you up-to-date information and knowledge to the crew. It enhances the crew’s efficiency and reduces their stress at all phases of the flight cycle. It now includes a new module that has integrated the BoardConnect Crew front-end enabling control and interaction of the IFE system to the mobile device and has been designed as a mobile app which means that you can choose the incasto features that best suit your processes and staff. The base module includes the Duty Plan and Log-in and this can be enhanced with modules such as Crew Management with positioning and flight assessment, and Passenger Information with individual CRM details and interactive seat-map. With the quick and easy Reports module, incidents on-board are immediately processed and, with an internet connection, important information can be communicated directly to flight operations.

BoardConnect Platform

- Connectivity Ready
- Onground Portal
- Content Management
- Platform & IFE Software
- BoardConnect Backend Hardware
- Portable Hardware

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BoardConnect Software Modules: choose your configuration

BoardConnect Wireless IFE

Server and Wi-Fi infrastructure

Internet access routed through the BoardConnect

BoardConnect Product Suite
Variations on a common software

Lufthansa Systems’ award winning BoardConnect is the established leader in wireless IFE. Our flexible and cost-effective modular software platform is available in a range of options to suit your operational requirements. You can choose between the classic, axencia integrated BoardConnect equipment, the flexible Portable solution, which does not require an STC, or the advanced connectivity option, BoardConnect Access Point. A suite of software features are made available to your passengers from audio and video on demand, games, integrated shop, interactive moving map, chat and electronic publications and more. BoardConnect also allows for a seamless new shopping experience and contains a wide range of options to generate ancillary revenue. Our system has been installed on Boeing 787, Boeing 747, Airbus A350, Airbus A330 and Embraer E190 aircraft.

BoardConnect Access Point

The head-end component of the BoardConnect IFE system, the server, includes a redundant dual Ethernet switch and two redundant solid state disk arrays for fail-safe operation. The server is connected via a fiber optic link to the aircraft Wi-Fi access point and contains a wide range of options to generate ancillary revenue. It is compatible with all popular wireless access points and contains a wide range of options to generate ancillary revenue.

BoardConnect Access Point

A network distribution device designed specifically for Lufthansa south-eastern Europe applications, the BoardConnect Access Point supports IEEE 802.11 a/g/n wireless standards based on a commercial off-the-shelf wireless access point. It is configured for the specified radio frequency spectrum for facilitating dual-radio wireless communication with other aircraft wireless devices on the network.

BoardConnect System Overview

Nuts and bolts

The wireless IFE system provides passenger entertainment on the move. BoardConnect offers passengers an extensive range of entertainment options that can be tailored to suit their needs.

BoardConnect Air Data

Auxiliary revenue made easy

Lufthansa Systems has substantial experience in entertainment and offers our passengers the ability to view the latest movies and TV series, as well as a range of music, audio books and podcasts, all previously available in digital form. Our system also allows passengers to make food and drink orders, duty-free shopping, and any other items you wish to offer. In addition, our system allows passengers to take advantage of our external partners’ content, such as newspapers and magazines, all previously available in digital form.

BoardConnect Payment Solution Integration

All that is mobile

Passengers may use a Windows OS PC or a Mac in combination with a smartphone or tablet to control their in-flight entertainment experience. The necessary App can either be found in the Google Play store or can be provided by the airline via a customized website. BoardConnect server and Wi-Fi infrastructure make it possible to use an iPad, iPhone or iPod with iOS 4 or higher by utilizing an App which can be downloaded via the App or iTunes Store. Android tablets (starting with OS version 4) and smartphones (starting with OS version 4) are supported as well. The necessary App can either be found in the Google Play store or can be provided by the airline via a customized website. BoardConnect wireless IFE offers passengers an extensive range of entertainment options that can be tailored to suit their needs.

BoardConnect Air Data

Sound and vision

Give your passengers the freedom of utilizing their own personal electronic devices.

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