



POSSIBILITIES OF CABIN MANAGEMENT. *MADE EASY.*

This fully digital cabin management solution maximizes in-flight comfort, entertainment and productivity.

Honeywell's Ovation Select® Cabin Management System (CMS) offers passengers a broad range of cabin entertainment, control and integrated communications that maximize in-flight comfort and productivity.

Leveraging nearly 40 years of cabin suite expertise, Honeywell has vastly improved cabin management systems, and we are always incorporating the latest digital technology to bring passengers a superior cabin management solution. The Ovation Select® CMS seamlessly integrates the latest and greatest consumer electronics devices into the cabin. Simply carry them on and plug them in. As technology evolves, the Ovation Select® CMS easily accommodates tomorrow's devices so you can carry on with your life.

Understanding that time is money, Ovation Select® is reliable. The system design, diagnostic tools and global support network keeps the cabin system available and aircraft flying. With Ovation Select®, passengers will be able to make the most of their travel time and have the best overall in-flight experience.

Honeywell Advantages

Honeywell's Ovation Select® CMS offers...



Architecture Designed for Growth

The system's modular architecture uses a very robust and open Ethernet backbone, which allows the latest and even future technology innovations to be easily and rapidly integrated. Ovation Select® hosts an IP-based network, where audio and video distribution, command and control, as well as 28 VDC power are all distributed via a single Ethernet cable.

Best-In-Class Integrated Components

The system features fully integrated 1080p High Definition (HD) widescreen displays, crystal clear nVelop™ surround sound and a real-time 3-D HD moving map. Our system accommodates anything from USB drives and laptops to HD gaming systems, and shares the content throughout the cabin.

Always Available with the Honeywell Global Support Network

Ovation Select® is designed to minimize single-point failures, meaning a single failed component won't affect the other components within the network. An advanced onboard diagnostics tool continuously monitors the entire system, end-to-end. Real-time status to the crew is provided in a manner that they can easily understand. Recommended actions to resolve the issues are even presented. As new equipment is introduced, or a failed component is replaced, the system updates the new unit's configuration automatically. The Honeywell global support network – including the SPEX® exchange and rental program and Honeywell Avionics Protection Plan (HAPP) – backs up your components so replacements are provided within 24-hours. The system's auto-loadable software feature combined with this comprehensive support allows your aircraft to return to service quickly.

Flexible and Easy to Install

Ovation Select® is much easier to design and install than legacy Honeywell systems. In addition, the architecture requires less wiring and fewer hardware components. It's also easily configurable via the web-based Master Configuration Tool. All of this results in set-up time and labor cost savings. The scalable system design reduces hardware lead times through common components that fit all aircraft platform sizes. This second-generation, all-digital architecture provides the highest degree of flexibility and scalability.



Key Entertainment & Information System Components

Honeywell's Ovation Select® CMS offers the best in class audio and video components to turn the business jet cabin into a state-of-the-art theater in the sky. Passengers can view high resolution content on LCDs or listen to digital satellite radio. Additionally, our JetMap® HD moving map system allows passengers to follow their flight plan while viewing helpful in-flight information.

Available in touch screen, discrete switches and hand-held remote applications for your Smartphone and Tablets, Honeywell's cabin controls provide passengers and crew with an intuitive interface to manage the cabin. With the touch of a button, passengers can control audio/video source equipment, lighting and temperature, even window shades and galley functions - all without ever leaving their seat.



System Components



Blu-ray player

Watch the latest Blu-ray or DVD media with the Ovation Select® Blu-ray player.



JetMap® HD Moving Map

Supporting multiple languages, points of interest and 3D, worldwide streets and roads, JetMap® HD brings a world class moving map to the Ovation Select® experience. Operators can configure their own 'home-bases' and personalize the in-map aircraft to exactly match their aircraft livery. JetMap® HD offers customizable briefings and worldwide terrain images, all displayed in beautiful 1080p high definition.



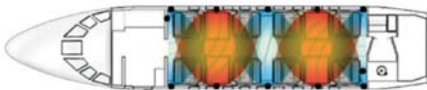
On-demand Entertainment

Ovation Select® offers a first-in-class option of viewing early window movies and home video releases. Adding the ability to carry on personal content, Ovation Select® offers the broadest range of in-flight entertainment. Through special arrangement with a leading content management company, Honeywell offers the ability for passengers to view wireless movies on their personal electronic devices, as well as early window content (pre-Blu-ray release) on wired monitors, with full Digital Rights Management protection, aboard their aircraft.



Monitors

Developed for Honeywell in partnership with Rosen Aviation, the monitors aboard an Ovation Select® cabin provide full HD, 1080p, images from any source on the aircraft.



Sound System

Developed in conjunction with Alto Aviation, the Ovation Select® surround sound audio system has to be experienced to be believed. No other system comes close.



XM radio

Developed in conjunction with Heads-Up Technologies, the Ovation Select® XM radio offers over 170 audio channels to passengers traveling in North America.



Satellite TV

With the AIS-2000 Satellite Television, enjoy live satellite video onboard your Ovation Select® equipped aircraft in several regions around the world including contiguous US, Europe, Middle East, India and Russia.



Cabin Interface Unit (CIU)

The CIU is the heart of the system and is a highly reliable DHCP Ethernet switch/ router that acts as the audio/video distribution and command and control unit. It interconnects all of the cabin equipment across the CMS network, as well as providing 28 VDC power to the key components.



Discrete Switch Panels

The Ovation Select® discrete switch panels provide a simple user experience.



Remote Control

By using their own devices, (i.e., Smartphone or Tablet) and an available app from both the App Store and Google Play, passengers engage with the system, eliminating the need for a standalone remote control. Once the Smartphone or Tablet app links with the onboard Wireless Access Point, you can easily control every aspect of your cabin right from your own iPad, iPod or Android device.



Utility Input/Output (UIO)

The UIO provides control functions for those components that cannot interface directly to the CMS. It manages a variety of cabin sub-systems such as cabin temperature control, cabin lighting control, all galley operations, and other third-party electronics.



Hi-Def Audio/Video Input (HD AVI)

The input facilitates the interface to non-native A/V components.



Hi-Def Audio/Video Output (HD AVO)

The output facilitates the interface to non-native HD monitors. This is particularly beneficial for integrating large (> 42"), widescreen monitors or other nonstandard sized monitors.

System Components



Touch Screen Personal Control Units (PCU)

Touch Screen PCUs provide an elegant full color interface for command and control of Ovation Select® components (e.g., Blu-ray, JetMap® HD, Lighting, Water System, Temperature, Window shades, etc.). Since the interface is icon based, the PCU provides an experience similar to Smartphone and Tablet devices.



Ovation Select® Touchscreen (OST)

The OST serves as the master controller; it provides a large touchscreen capable of displaying and controlling the complete cabin system.



Media Interface Unit (MIU)

The MIU centralizes many Ovation Select® features. It provides storage for A/V media files to be distributed across the CMS, hosts JetMap™ HD moving map application and logs CMS anomalies and system health warnings.



Auxiliary (Aux) Panel

The Aux Panel integrates and distributes the audio and video content for several types of carry-on electronics. Interface types include HDMI, VGA, 3.5mm aux-in, Standard Definition RCA, USB, and optional RJ-45



Ovation Select® High Definition Audio Video on Demand (AVOD)

Private aviation's only real-time, on demand access to Early Release Window theatrical movie content. Business jet operators can now integrate HD AVoD movies into their aircraft cabin - anywhere, anytime. This is a true, fully asynchronous AVOD solution providing simultaneous wired and/or wireless, independent distribution, to each hard-wired or hand-held device. That means each passenger onboard can enjoy personal videos or Hollywood and international feature films with complete autonomy and flexibility... play, pause, fast forward, reverse – it's all up to you.

Productivity & Entertainment

Honeywell's Ovation Select® CMS offers the ultimate entertainment and high-flying productivity. Experience it with simple-to-control, highly reliable, state-of-the-art technology.

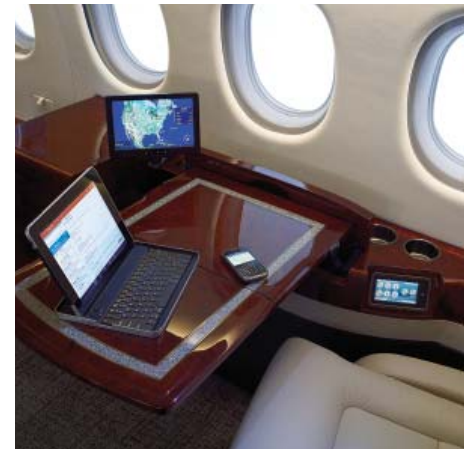
When it's time to relax, you can enjoy news, sports, movies, gaming and music. Your media content is delivered in crisp surround sound audio and vivid high definition video with Honeywell's Ovation Select®. The result? Every seat becomes its own theatre in the sky.

For when you need to work, you can be just as connected onboard as you are in the office, making the most of your travel time. You can receive and respond to e-mail, access the Internet, host video conferences and make telephone calls. Understanding that time is money, Ovation Select® is reliable. The system design, diagnostic tools and global support network keeps the cabin system available and working, so you can too. With Ovation Select®, you will stand up and take notice of how much can be accomplished in the air. The result? Every seat becomes its own office in the sky.

Learn more at www.ovationselect.com

“A Honeywell Ovation Select package offers cabin systems control, passenger air-to-ground communications and a wide array of inflight entertainment (IFE) offerings, including audio and video on demand and Apple TV. The Ovation CMS has evolved in recent years. Its functionality and feature set are now unsurpassed in the super-midsize class.”

— Fred George,
Business & Commercial Aviation,
Aviation Week Magazine



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