

## PAVES™ ON-DEMAND IN-FLIGHT ENTERTAINMENT SYSTEM

Sit back and enjoy the versatility of PAVES™ On-demand.



In-flight Entertainment (IFE) technology is continually changing. PAVES™ On-demand from Rockwell Collins meets this challenge head on. Its unique architecture gives passengers the latest in high-definition video and entertainment applications, while its scalability future proofs your decision, giving you the flexibility to upgrade your system as technology advances.

*Choose PAVES On-demand, then sit back and enjoy the performance.*

**Rockwell  
Collins**

Building trust every day



## Introducing PAVES On-demand. *The industry's most versatile in-flight entertainment system.*

Airlines can improve their passengers' experience with PAVES On-demand from Rockwell Collins. PAVES On-demand provides in-seat audio/video on demand. Travelers can enjoy high-definition entertainment while the system's compact footprint, light weight and maintenance-friendly features help minimize your cost of ownership.

### Completely scalable and flexible.

Building upon our market-leading PAVES Broadcast components, PAVES On-demand meets the challenge of continually changing IFE technology. The product family enables you to install any configuration from an overhead broadcast system, to a full, On-demand, in-seat entertainment solution— or any configuration in between using the same foundation components. You can even install an overhead system now and upgrade part or all of your aircraft to in-seat video when you are ready.

### No single point of failure.

PAVES On-demand builds upon several core components in our proven PAVES product line, such as our high-definition media server and high-definition overhead monitors. In-seat audio, video and applications are reliably served to customers without interruption. All content is stored at the seat's media player unit, eliminating the single points of failure typically associated with traditional architectures.

### Innovative options.

PAVES On-demand features a new, intuitive passenger interface that is similar to the user's home and mobile experience. Designed from the ground up in HTML5, changes can be accommodated in a time previously unavailable. Changes to many elements of the user interface can be handled in content updates to give a fresh look and feel without extensive software testing. Other advancements include enabling passengers to enhance their on-board experience using their personal electronic devices and connecting passengers to the outside world in real time.

### Airshow® 3D inside.

Airshow® 3D, the cutting-edge moving map product, is embedded into the PAVES On-demand digital server – requiring no additional hardware.

### Flexible media choices.

Beyond enabling airlines to handle their own content management, other innovative capabilities of the system include an operating system that supports HTML5 applications from numerous sources, easily upgradable content storage, connected media such as live updates to digital news sources and magazines, along with the ability for passengers to access their own content from personal devices and watch it on the media player in their seat.

## PAVES On-demand system components

- › Multipurpose media player unit – performs as both passenger media player unit and as entertainment control panel for attendants
- › 10.4-inch LCD retract monitor or 12-inch high-definition overhead monitor
- › High-definition media server
- › Power Ethernet box

### Entertainment control panel

With an easy-to-use, intuitive interface and “on the fly” configuration control, the touch screen entertainment control panel reduces workload for your cabin crew and maintenance teams. It not only controls content in the cabin, it also serves as the loading platform for all media.

- › High-definition 16:9 touch screen
- › Modern, intuitive, graphical user interface
- › Content loading access point

### Multipurpose media player unit

**For passengers:** This integrated seat-back or in-arm unit stores all content and processes commands from each passenger – without the need for a head end server. The touch-screen media player plays HD content on a range of display sizes.

**For attendants:** The unit provides full entertainment control panel functionality.



- › High-definition, 10.1-inch to 12.1-inch, 16:9 touch screen
- › Intuitive gesture based GUI
- › Passengers can connect their own personal devices for charging and viewing content
- › Easy to maintain, using a Quick Release Mechanism

### High-definition media server

The high definition media server provides the Airshow 3D moving map content and programmable announcements. Where programming is broadcast to passengers, the HDMS also stores content and scripts defined by your IFE manager, automating in-flight programming that is perfectly timed and uniquely scheduled for each route.

- › 160 GB solid-state drive
- › Embedded Airshow 3D moving map
- › Embedded recorded announcement machine
- › Supports encrypted and non-encrypted content, including high-definition video files

### Power Ethernet boxes

Just one power Ethernet box serves up to three seats with isolated power and data. Any interruption of power to one seat will not affect the others in that group. The content load passes through the box to load the media player, where it is stored. Streaming content – such as Airshow Moving Map data or live connected content – is also passed through the Ethernet box to the seat.

- › A single box provides power and data to three seats
- › Provides isolation of power and data for higher reliability
- › Loads streaming content to the media player unit

### Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

### For more information, contact:

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