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PAVES On-Demand In-Flight Entertainment System

PAVES On-demand provides in-seat audio/video and applications to passengers without interruption. 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.

Content is stored at the seat's media-player unit, eliminating the single point of failure typically associated with traditional architectures. Passengers can enjoy high-definition entertainment while the system's compact footprint, light weight and maintenance-friendly features help minimize your cost of ownership.

PAVES On-demand comprises four components: multipurpose media player, LCD retract or high-definition overhead monitors, high-definition media server and a power ethernet box.

Key Features and Benefits

- Completely scalable and flexible, meeting and exceeding the challenge of continually changing IFE technology. 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. Option to install an overhead system now and upgrade part or all of your aircraft to in-seat video when you are ready.
- With 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.
- PAVES On-demand features a new, intuitive passenger interface similar to the user's home and mobile experience. Designed from the ground up in HTML5, changes can be accommodated in a timeframe previously unrealistic. 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 onboard experience by using their personal electronic devices to connect to the outside world in real time.
- In addition to Moving Map options, boarding music and programmable announcements, the 160 GB of storage capacity also allows you to store at least 2 play periods of a diverse range of information and entertainment



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content. Automated in-flight programming is perfectly timed and uniquely scheduled for each route.

- 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.
- Multipurpose media-player unit performs as both a passenger media-player unit and an entertainment control panel for attendants with a 10.4" LCD retract monitor or 12" high-definition overhead monitor.
- Modern, intuitive, graphical user-interface with high-definition media server and power ethernet box.
- With an easy-to-use, intuitive interface and "on-the-fly" configuration control, the high-definition 16:9 touchscreen 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.
- Integrated seat-back or in-arm unit stores all content and processes commands from each passenger, without the need for a headend server. The touchscreen media player plays HD content on a range of display sizes.
- The unit provides full entertainment control-panel functionality with high-definition. 10.1" to 12.1" 16:9 touchscreen with intuitive gesture-based GUI.
- Passengers can connect their own personal devices for charging and viewing content, with quick-release mechanism.
- 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 Moving Map data or live connected content – is also passed through the ethernet box to the seat.

Our modular and affordable engineering designs include PAVES and GLIDE embedded, overhead and portable IFE, USB and 110V power, LED lighting, passenger services, tape replacement, crew applications and content services. We deliver tailored solutions with reliable performance, operational efficiencies, and offer ancillary revenue potential.

To discuss how our solutions can best fit your needs, visit burrana.aero

