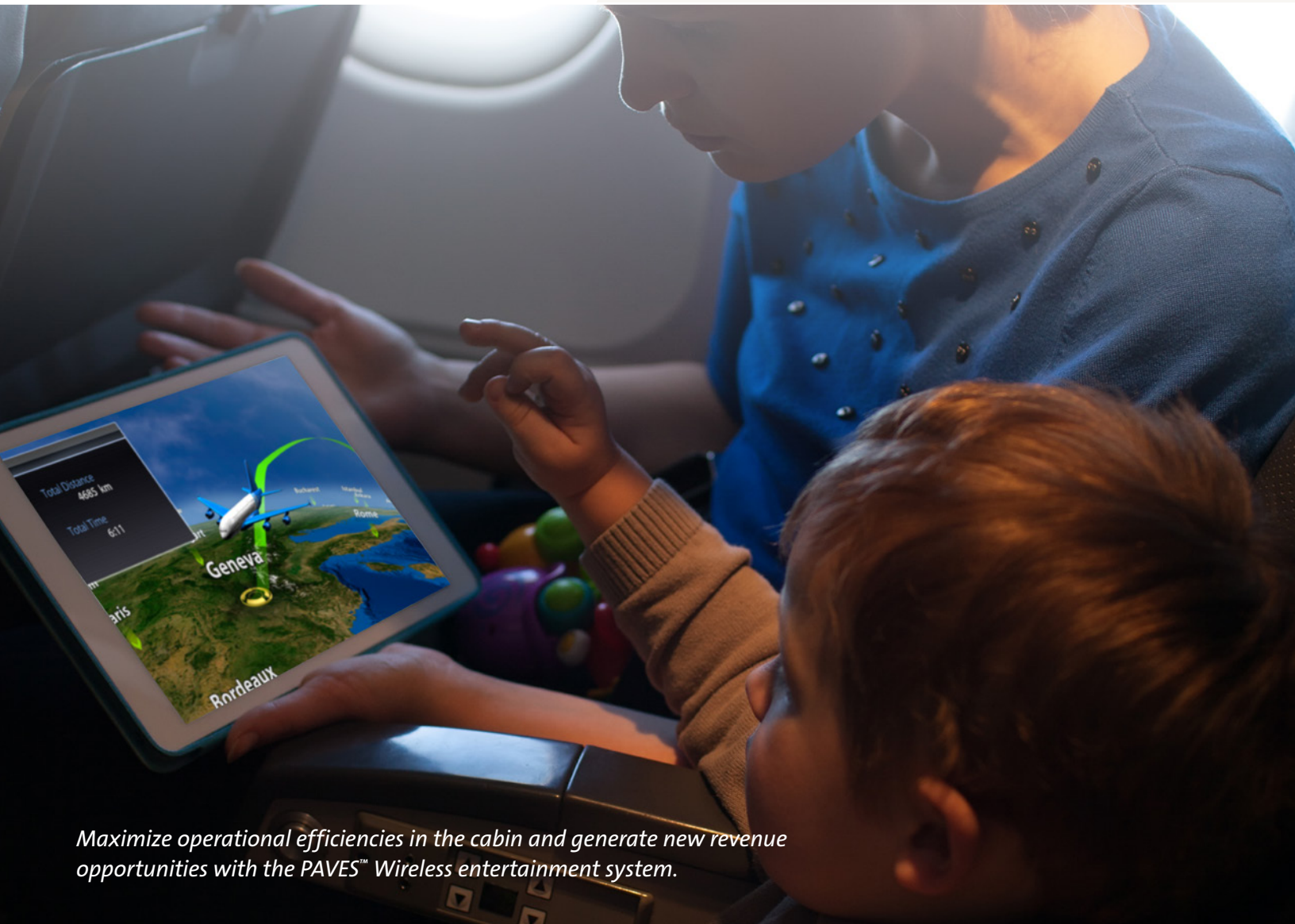


PAVES™ WIRELESS IN-FLIGHT ENTERTAINMENT SYSTEM

Advanced wireless IFE and connectivity solutions



Maximize operational efficiencies in the cabin and generate new revenue opportunities with the PAVES™ Wireless entertainment system.

**Rockwell
Collins**

Building trust every day

Experience robust, wireless cabin capabilities

PAVES Wireless provides reliable and consistent, high-performance access for every passenger in the cabin and crew members throughout the aircraft. Passengers can enjoy movies, shopping, web browsing, event TV, VoIP phone calling, messaging and much more.

Airlines can now add connectivity to their PAVES Wireless platform and process real-time credit card authorizations to avoid costly fraudulent credit card transactions.

Designed as an open, scalable and connectable platform, PAVES Wireless supports the seamless integration of preferred airline or third-party applications. Talk to us about our portfolio of rich applications, including e-reader, seat-to-seat chat, Airshow® moving maps and additional ancillary revenue services.



PAVES Wireless platform supports:

- › Internet connectivity
- › Wireless in-flight entertainment
- › Cabin crew applications
- › Credit card authorization
- › Aircraft IP communications

Bringing high-value solutions

- › Delivers lower-cost alternative to embedded IFE systems
- › Provides consistent and high Quality of Service (QoS) to all passengers on all airframes
- › Flexibility to integrate alternative software platforms
- › Powerful management tools to curate, deploy and monitor content and passenger usage
- › Supports all current IP satellite data links

Wireless server

This high-performance server is designed on an open Linux software platform for easy integration of third-party applications. Modular design allows maximum flexibility and scalability while minimizing system weight, cost and power usage.



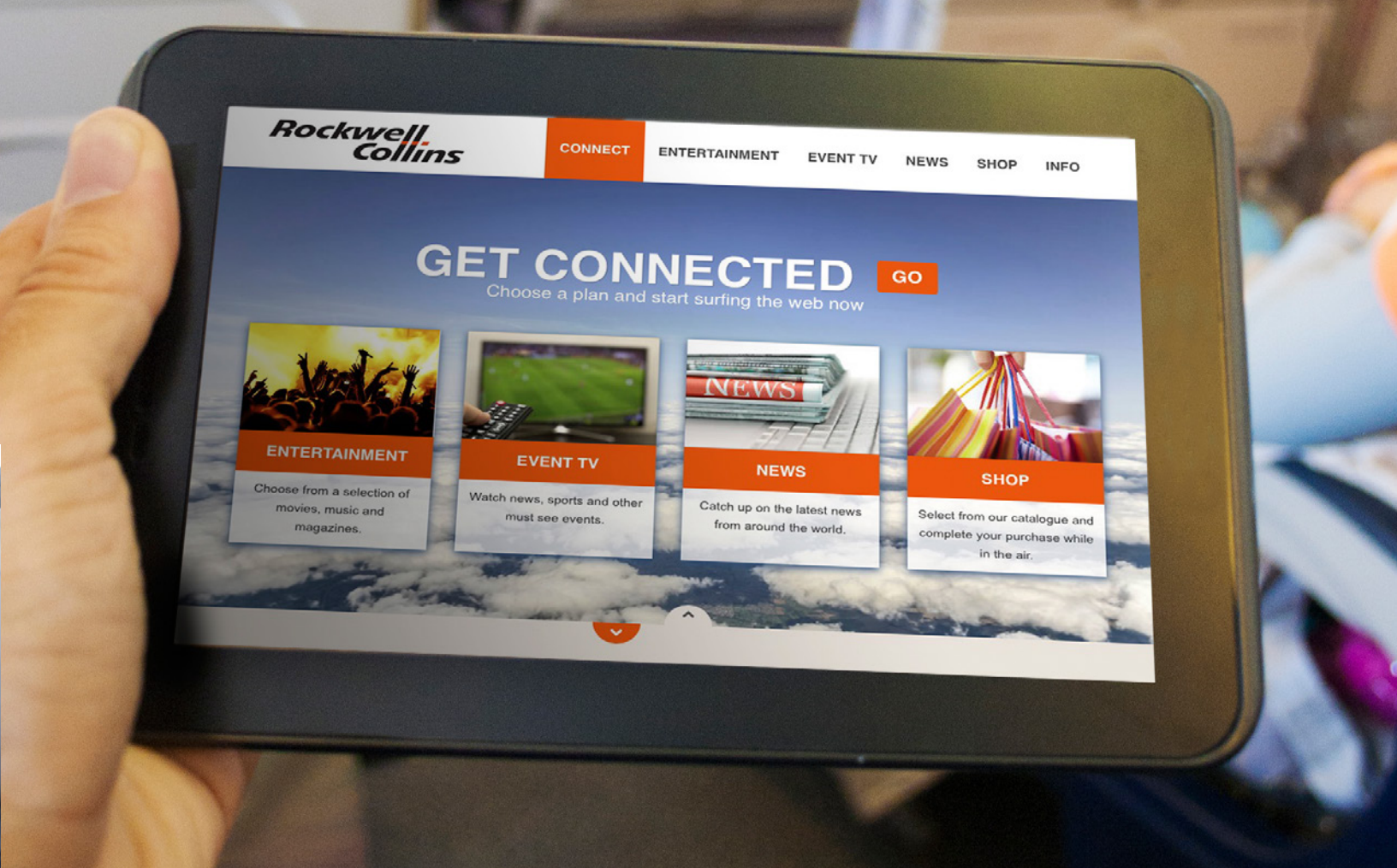
- › Multi-core processor with solid-state storage
- › Built-in GPS chipset
- › Aircraft Interface Device (AID) with built-in, dedicated processor
- › An integrated Iridium® satellite data unit

Cabin control panel and data loader

Installed in a convenient cabin location, the cabin control panel and data loader provides power control, system status, content loading and wireless access for crew and cabin personnel. Data is transferred at high rates through all phases of flight via a broad range of media types.



- › Cellular 3G, 4G, LTE and Wi-Fi® connectivity options
- › Data loader media support – SD, SDHC and SDXC cards, plus USB 2.0 drive
- › Built-in test equipment
- › High-speed data uploading and downloading
- › Automatic and non-attended high-speed content loading



Key features

- › 300+ simultaneous streams to passenger devices
- › High-definition audio and video on demand for personal devices
- › Fast content loads with “Insert-and-Go” technology (patent pending)
- › Open software architecture, providing quick and flexible integration of third-party apps
- › Airshow – industry-leading moving maps
- › Integrated two-channel Iridium connectivity, enabling real-time payment transactions
- › Off-aircraft connectivity via 3G, 4G and LTE
- › L-band, Ku-band and Ka-band SATCOM support
- › Consistently high QoS for all passengers

Wireless access point (WAP)

The WAP is optimized for high-density environments and delivers excellent wireless in-flight entertainment performance. Consistent delivery of data, voice and video applications is achieved via the dual-radio, dual-band and three-stream WAP.

- › High-density implementation of IEEE 802.11a/b/g/n
- › Wireless spectrum control for over-the-air QoS + RF management
- › MIMO capable



WAP antenna

The WAP antenna optimizes network performance and enables the wireless IFE system to manage passenger connections beyond the capabilities of other wireless IFE systems.

- › Weighs less than 1 kg
- › Flexible mounting options
- › Designed for high-density environment



Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions to commercial and government 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.

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