VENUE™ HIGH-DEFINITION CABIN MANAGEMENT SYSTEM

Elevate your flight experience.
A sumptuous system for your vibrant lifestyle.

When the time comes to consider a new cabin or a cabin upgrade, you want your investment to reward you with exceptional comfort, efficiency and enjoyment. Step up to Venue™, the award-winning cabin management system from Rockwell Collins. Bring business productivity, entertainment, connectivity – and, ultimately, your aircraft’s value – into high definition.

Enhance the cabin experience with technology that matches the sophistication of your new interior — in looks, feel, usability, capability. Sleek and seamless, Venue delivers airborne performance that rivals your digital home theater or mobile office.
Performance

Frequency range 2 – 200 MHz
Bandwidth 25 kHz (V/UHF), 300 kHz, 1.25 MHz and 5 MHz (UHF), 3 kHz (HF)

Data rate From 64Kbps up to 6 Mbps (half-duplex)

Power output 50 Watts VHF and UHF, open in HF

Environmental

Operating temperature -40ºC to 55ºC
Shock and vibration IAW MIL-STD-810E

Interfaces

Audio for Combat Net mode
Ethernet 10/100 Mbps
V24/V28 RS232 - PPP
SNMP remote control

Physical Characteristics

Width 391 mm
Height 190 mm
Depth 343 mm

Installation

Scalable to four channels with a second chassis
Power supply 28 VDC nominal

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Pristine video and audio quality. Individual command from each cabin seat. Elegant, intuitive controls. Wireless and wired options. This multifaceted, configurable solution is developed by the leader in cabin management systems and is backed by our industry-leading service and support.

No matter what size your aircraft, there’s a Venue for you. In fact, Venue is now flying on aircraft small through large – including select Cessna, Dassault, Gulfstream, Bombardier and Airbus corporate platforms, just to name a few. Venue’s hardware is exceptionally compact because we’ve combined more functions into fewer boxes and used small, lightweight cables to distribute the system’s high-definition video and data signals. The result: Your cabin can be fully loaded with today’s most desirable digital media, including content protected by Hollywood Digital Rights Management (DRM), and provisioned to support new technologies, without an overload of infrastructure.
Venue's innovative design has earned international awards.
A world of high-definition entertainment on demand.

Adapted from the latest in consumer electronics technologies, Venue offers unsurpassed content options. These include audio and video on demand as well as higher audio and video fidelity to you and your fellow passengers. As consumer technologies advance, Venue is ready – designed to support software upgrades with ease and cost effectiveness.

Your shows
Watch Blu-ray™ movies or other high-definition content and enjoy the crystal-clear picture quality of a high-end home theater environment from the comfort of your cabin seat. Connect your iPod®, iPad® or other portable device and enjoy your favorite movies, TV shows and personal content on state-of-the-art displays. Or simply load your unencrypted media into a USB storage device and bring your favorite entertainment on board to share on-demand with other passengers.

By choosing to equip your aircraft with our Tailwind® TV system, you and your passengers stay connected and aware, with access to a wide selection of live news, sports and financial information, as well as a wide array of entertainment.

When your Venue system is integrated with Rockwell Collins Skybox™, your options for enjoying Hollywood content are even greater. You can access your Apple iTunes® content from the on-board Skybox library, then share it on your cabin displays or stream it wirelessly to your iOS devices.

Your music
Sit back, relax and listen to your favorite music in high fidelity as you breeze to your destination. Venue offers you audio on demand by accessing your music library from any USB flash drive. You can also select music from CD playback capability or, with Skybox, from the on-board iTunes library. Broadcast music throughout the cabin speakers or listen individually on your headphones.

Your map
Get your flight information and explore the world with your personal Airshow® moving map. Interact with and customize your Airshow map in your seat via your personal monitor or around the aircraft using the Airshow app on your iPad. Getting there is now more interesting than ever.

Your games
Easily connect your PlayStation® 3, Xbox 360™ – or other console that uses High-Definition Multimedia Interface™ (HDMI) – for in-flight gaming in real time, without missing a beat.

The cabin becomes your satellite office.

Venue offers features just for the business traveler. It gives you and your passengers the data network, wireless and wired options to make the cabin your airborne office. Use your laptop computer, iPhone®, iPad and other portable devices. By offering airborne office functionality – a must-have for most business fliers – your aircraft provides high value for you today and better retains its resale value tomorrow.

Work smarter
When business teams travel together on your aircraft, Venue enables the tools that keep them productive. For example, by plugging a laptop computer or iPad into your seat-side VGA or HDMI port, you can display the visuals of your presentation on every cabin monitor. And when your Venue system is integrated with Skybox, you can wirelessly share your business documents throughout the cabin. You and your colleagues can collaborate from the comfort of your own seats. With Venue, the days of huddling around one screen are over.
Innovation in every element.

The value that Venue brings to your cabin comes from its distinctive mix of capability, content, aesthetic appeal, flexibility and reliability. Because Rockwell Collins integrates all the elements that make up this mix, you can count on a system that seamlessly blends the beauty and forward-thinking technology that can make your cabin – and therefore your aircraft – extraordinary.

**Powerful, flexible architecture**

At the heart of Venue is something that stays quietly out of the way yet makes itself known through the performance it brings to your cabin: high-definition, real-time architecture. Because Venue is designed for scalability and configurability, it is highly responsive to your changing system needs. It also easily incorporates exciting new consumer technologies as they emerge.

Venue’s architecture supports video resolution up to 1080p and is fully compatible with high-definition standards such as HDMI, 3G-SDI and Blu-ray. The system is High-bandwidth Digital Content Protection (HDCP) compliant to ensure the truest display of any high-definition source. It also supports traditional analog video equipment, with the added benefit of high-quality video scalers in our monitors to upconvert standard definition sources to high definition.

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**Image Descriptions**

- **Media Center Device**
- **Dual Blu-ray Disc player**
- **Media Center**
- **Airshow interactive menu on the personal touch-screen monitor**
- **HDMI**
- **Blu-ray Disc**
Audio and video on demand menu screen using Boxee software
Throughout your cabin, Venue’s content control capabilities make every passenger the driver of his or her flight experience. Interface design is intentionally minimalist and highly intuitive, with easy-to-understand iconography and easy-to-read display menus. Where elegant form meets powerful function, adding a new level of electronic sophistication to your cabin.

**A family of control capabilities**
Give your passengers individual command over their Venue experience with a choice of control types.

**Touch Screen Switch Panel** – with optimized design for installation and usage near your seat. This touch-screen switch panel provides comprehensive seat and cabin controls. It incorporates state-of-the-art technology, dynamically supports VIP and standard configurations, and can default to a flight status display when not in use. Bezels are customizable to match your unique cabin interior.

**HD galley and personal touch screens** – provide users with the controls to manage the system’s entertainment, data and environmental capabilities. Incorporates a high-definition, 10.6-inch touch screen and utilizes a refined, intuitive and simple user interface, including icons and aircraft layout displays.

**Venue Cabin Remote App for iPod touch®, iPhone and iPad** – transforms each device into a complete cabin remote. The app dynamically recognizes the configuration of your cabin and provides just the control options you need.
10.6-inch HD Galley Touch Screen
10.6-inch HD Personal Touch Screen

Venue Cabin Remote App and Airshow moving map for iPod touch, iPhone and iPad
High-definition displays
With Venue, you can outfit your cabin with displays in a wide range of sizes. Their advanced, high-definition, widescreen formats provide swing-away convenience at each seat as well as bulkhead installation options, so every passenger can have a front-row view. Our smart, high-definition touch screen monitors host our Airshow maps and enable audio and video on demand, allowing you to add functionality without having to install additional equipment.

Airshow
Follow your flight in real time and get a variety of destination details with Venue’s integrated Airshow moving map. With the HD touch-screen monitor, you have a full interactive map at your seat that enables you to navigate and explore the virtual globe at your leisure. Or just choose to broadcast Airshow to your large area monitors so that you are continuously kept informed of your flight path.

Your choice of platforms for the Airshow map includes the Media Center Device or the HD touch-screen monitor. With the HD touch-screen monitor, you have the option of a traditional broadcast map or a fully interactive in-seat map.

Passengers with an iPad can take the Airshow features further to create an even more dynamic and tailored experience. With the Airshow app, you can experience new features such as map views that virtually allow you to see through the cabin.
Bring it on.

With Venue, you have the flexibility to tailor your cabin management system by interfacing with today’s most popular consumer devices. Plug in your personal iPod or iPhone and access your entire music and video library in flight. You get audio and video distribution throughout the cabin, as well as full iPod control at your seat, via a virtual iPod menu.

Or, bring on your own electronic tools and gadgets. Venue will take it from there — smoothly integrating and collaborating with them, even recharging them so you’re ready to go the moment you land.

Venue’s versatile electronic inputs provide access to the system through your personal touch screen, letting you interact with such technologies as:

- iPods, iPhones and iPads
- HDMI – iPad, digital cameras, PlayStation 3 and Xbox 360 game consoles
- MP3 players
- Laptop or personal computers, with VGA and HDMI connectivity
- USB drives storing your audio and video content
- All USB-compatible devices
- Android and Windows® devices with Digital Living Network Alliance (DLNA) compatibility, through Skybox integration

Value that rewards you today and tomorrow.

Venue is designed from the ground up to be information enabled, supporting the next generation of communications and connectivity applications. Its simple, scalable architecture includes such features as built-in redundancies and streamlined software loading operations for the performance, cost-efficiency and reliability you’ve come to expect from Rockwell Collins. Key advances in architectural design include:

**High system availability**
A number of Venue features ensure that your system is always ready when you are. For superior maintenance support, it has centralized systems diagnostics with on-board, built-in and PC-based tools. Our system has redundant control processing and the intelligence to reconfigure itself to maintain its high performance should any of its components fail. So relax and enjoy the flight.

**Easy configurability**
A database-driven software architecture and comprehensive configuration tools make Venue easy to configure for your aircraft.

**Growth capability**
When you step up with Venue, you equip your aircraft with a cabin management system that will keep you in step with the latest in-flight entertainment, communication and connectivity.

Your aircraft represents an investment that’s meant to enhance your life – now, through the convenience and enjoyment it offers. But also long term, through the value your aircraft retains. When you’re ready to outfit your aircraft with a high-definition cabin management system that has the innovation to handle cabins of all sizes, with installed or portable devices, for executive or family use, there’s a Venue for you.

To learn more about how our Venue high-definition cabin management system can heighten the comfort, capability and value of your aircraft, contact your dealer or Rockwell Collins sales representative.
Worldwide service and support from a trusted source.

Flexible service solutions you can count on. From initial delivery and throughout your aircraft’s life cycle, we are here with comprehensive service and support solutions. Our worldwide support network offers life cycle support solutions from options including performance-based maintenance and repairs, engineered solutions, rental exchange, training and simulation solutions; all backed by the best turnaround times in the industry. Rockwell Collins delivers reliable solutions, anywhere, anytime – every time.

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:

Rockwell Collins
400 Collins Road NE
Cedar Rapids, Iowa 52498
+1.319.295.4085
email: csmarketing@rockwellcollins.com
www.rockwellcollins.com

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