Secure Server Router (SSR-7000)
Electronic Flight Bag Interface and Communication Unit (EICU)

Bring secure, wireless data transmission and connectivity to your crews and lower costs to your operations.

The SSR-7000 Secure Server Router is an Electronic Flight Bag (EFB) Interface and Communication Unit (EICU) that brings value to your airline by improving data security and crew connectivity while lowering your costs for data transmission, flight operations and maintenance.

With compact, all-in-one connectivity, this solution combines the capabilities of traditional wireless data transfer and avionics interface devices with ultra-secure EFB and crew wireless access. It seamlessly integrates with your existing operational work flow.

The unit’s embedded router wirelessly connects an EFB to on-board and external networks. These networks include avionics, maintenance information, cabin, air-to-ground, airport gate and airline operation centers. Selecting the most cost-effective communication channel available for transmitting data and connecting the EFB to external networks is easy with built-in tools.

The EICU/SSR-7000 also features a Virtual Digital Aircraft condition monitoring system Recorder (VDAR) and creates files that work with your existing FOQA/MOQA tool set. Use the ground cellular/Wi-Fi connectivity to automatically download standard quick access recorder (QAR) files to your airline’s back office for use in your current flight data management system (FDMS) program.

KEY FEATURES AND BENEFITS

› Connect your iOS or Windows® tablet (EFB) and run popular apps, including connecting to your Airline Operations Communications (AOC) on your tablet
› Establish a secure wireless access point for the cockpit and cabin crew
› Use OEM, Rockwell Collins and third-party EFB applications to increase operational efficiency
› Gather and transmit industry-standard FOQA/MOQA data files on the ground using cellular and built-in aircraft interface device
› Connect to any communications link on board: cockpit and cabin SATCOM/HF/VHF/ATG/Wi-Fi/cellular
› Move data off the aircraft securely using least-cost routing methods

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TRUSTED EXPERTISE
Rockwell Collins delivers the expertise you need to understand the complete airline end-to-end connectivity ecosystem and the impact of a vast array of choices on your airline’s bottom line. We can help you:

- Learn how to leverage the advantages of a “managed aviation network” to reduce communications costs

PRODUCT HIGHLIGHTS
- Single unit combines crew Wi-Fi, AID, VDAR and QAR
- Direct global on-ground cellular and Wi-Fi connectivity
- ARINC 834-6 EFB interface
- ARINC 429/717/Discrete, RS-232/422 and USB 2.0 interfaces
- Ethernet 10/100/1000 BaseT
- Ultra-secure WPA2 with firewall, VPN and OS hardening
- Built-in configuration and maintenance tools
- Available as option on Airbus A320neo/A330neo
- Aftermarket STCs or OEM service bulletins planned for many aircraft types

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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