

## Flight Operations System (FOS<sup>®</sup>) system requirements

### *Hosted and non-hosted instances*

#### FOS hosted

In today's global environment when so many transactions take place over the internet, customers are looking for assurance that their business data is safe. Rockwell Collins takes these concerns very seriously and works to ensure the safety and security of our customers' data.

Our ARINCDirect<sup>SM</sup> FOS<sup>®</sup> hosting environment includes:

- › Highly available and dedicated server instances for each customer
- › Flexible architecture that permits the integration of key technologies to enhance the ARINCDirect FOS application experience
- › Remote access over secure web connection from a variety of client devices including Windows<sup>®</sup>, Mac<sup>®</sup> and tablets
- › Strong security features, including enforced password complexity and expiration
- › Tight integration with other Rockwell Collins ARINCDirect solutions
- › Inherent disaster recovery
- › Physically secured computing environment
- › Encrypted data backups
- › Strong IT security and controls processes including on-going internal/external audits and penetration testing
- › Total IT managed services solution

The 24/7 operations and support available to our customers provides proactive monitoring of the IT infrastructure supporting the ARINCDirect solutions. Our trained and experienced staff possesses extensive IT expertise in operations, software development and product domain knowledge. We employ industry best practices including ITSM processes such as incident, change and release management.

Additional features of the data center include:

- › High availability computing infrastructure (clustering, virtualization)
- › Redundant networking and connectivity
- › Layered security (application firewalls, infrastructure firewalls, intrusion detection/prevention)
- › Anti-virus protection, formal patch management
- › Business continuity/disaster recovery (hot-site data center and operations support)
- › Environmental controls (HVAC, power, humidity, fire suppression)
- › Multiple power feeds, uninterruptible power systems (UPS) and backup generators
- › Data backup and replication services
- › 24/7 system monitoring and remote management
- › Tight integration with third party service providers

We ensure security through controlled facilities access, 24/7 video monitoring, regular internal and external IT security and controls audits and penetration testing. This combination of people, process, and technology ensures our customers' data is secure both physically and digitally.

## Non-hosted FOS system requirements

### Workstation

- › Windows 7/8/10
  - CPU: Quad core
  - Memory: 2GB
  - Resolution: 1280×1024

### Server

- › Windows 2008/2012 and Terminal Services, 64 bit
- › Linux®
- › Citrix®
  - CPU: 4 cores; 64 bit recommended
  - Memory: 8GB  
256MB per user for Citrix/Terminal Services

### Database engine

- › Pervasive.SQL v12; 64 bit

### Report writer

- › Crystal Reports 2008/2013

## FOS mobile requirements

- › BlackBerry® – Requires OS version 4.3 or higher
- › iPad® and iPhone® – Requires OS version 7.0 or higher
- › Android™ – Requires OS version 2.1 or higher

Learn more at

[rockwellcollins.com/arincdirect](http://rockwellcollins.com/arincdirect)

## About Rockwell Collins

Rockwell Collins is a pioneer in the development and deployment of innovative communication and aviation electronic solutions for commercial and government applications. Our comprehensive ARINC Direct suite of flight support services brings together best-in-class flight planning, international trip support, cabin connectivity and flight operations management.

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