



## FLIGHT OPERATIONS SYSTEM (FOS®) SYSTEM REQUIREMENTS

# FLEXIBLE AND SECURE

### Proactive and safe data management

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. Collins Aerospace takes these concerns very seriously and works to ensure the safety and security of our customers' data.

#### FOS® HOSTED

Our ARINCDirect<sup>SM</sup> FOS® 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, Mac and tablets
- Strong security features, including enforced password complexity and expiration
- Tight integration with other 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

#### KEY FEATURES AND BENEFITS

- Layered security
- Environmental controls
- High availability computing infrastructure
- Redundant networking and connectivity
- Anti-virus protection, formal patch management
- Business continuity/disaster recovery
- 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



The 24/7 operations and support available to our customers provides proactive monitoring of the IT infrastructure supporting the ARINC Direct 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.

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.

### FOS MOBILE REQUIREMENTS

iPad® and iPhone® – Requires iOS version 11.0 or higher

Android™ – Requires OS version 4.1 or higher

### FOS SYSTEM REQUIREMENTS

#### Workstation

Operating system	Windows 7/10
CPU	Quad core recommended
RAM	2 GB minimum
Resolution	1280 x 1024 recommended minimum
Remote desktop	Citrix Client

#### Server

Operating system	Windows 2012/2016 64 bit recommended, with Terminal Services
CPU	Quad core, or multiple cores recommended
RAM	6 GB minimum
Hard drive	Minimum 80Gb C drive hard drive space
IIS	ASP.NET State service must be installed and running

#### Citrix servers

v7.x or higher	
CPU	4 CPU; 64 bit recommended
RAM	8GB preferred
Virtual Drive	1GB per user for Citrix/ Terminal Services

#### Database

Pervasive SQL v13; 64 bit recommended

#### Report Writer

SAP Crystal Reports 2013

#### Web server/services

IIS 7 with .net Framework 2.0, 3.5 and 4.7.2 minimum

ASP.NET State service must be installed and running



#### Collins Aerospace

24/7 Flight Operations Center  
+1 410.266.2266 | +1 866.321.6060

arincdirect@collins.com  
collinsaerospace.com