Aviation has become very data-centric, with aircraft generating Gigabytes of flight and maintenance data annually, while airborne systems require regularly scheduled and repair-related software updates. In-Flight Entertainment systems also require mass storage devices. This has resulted in a steadily increasing workload for Maintenance, Engineering and IT departments.

Avionica’s avSYNC service works with our suite of wireless data collection and management products to provide a comprehensive, secure, and time-tested data management service for commercial flight operators.

Scalable Performance
avSYNC is a secure, web-hosted application (SaaS) that does not require you to augment your IT infrastructure. Avionica hosts scalable, redundant servers in hardened server farms in support of your data requirements. Data is conveyed directly to and from our miniQAR, secureLINK, aviONS and avRDC solutions over secure, encrypted Virtual Private Network tunnels. Files may be transferred to or from any location with Internet access. Avionica’s 4G wireless devices eliminate WiFi access point coverage, security, and maintenance headaches.

Predictable Pricing
avSYNC service is simple and affordable. Whether you operate one aircraft or 500, avSYNC provides users with one low fixed cost per aircraft for downloading flight data. Need to upload flight data? Avionica's avSYNC can provide that service as well, for a low fixed cost per Megabyte.

Fits All Requirement
As a technology company, Avionica knows the ongoing challenge of maintaining a stable, secure data network. As a Flight Data Management company, we also understand the proprietary nature of flight data. Avionica offers two configurations of avSYNC to satisfy airline requirements: Our Cache and Forward (CaF) configuration captures customer flight data via secure VPN and stores it on our servers. Once transferred, the data is conveyed to the customer's site (or Avionica's FDM/FOQA service or other FDM/FOQA provider). A copy may be retained if required, for as long as required.

Always Compatible
With avSYNC, you can rest assured knowing your data will be delivered quickly, securely, and in the same format in which it was generated. Whether it's flight data enroute to an FDM/FOQA department or third-party provider, or MP3 files enroute to your In-Flight Entertainment system.

Call Avionica for more details about how avSYNC can make your data management more efficient.

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We’re Ready to Help
Whatever you need, Avionica is ready to help. Our team will work with you to meet your data and communications management needs.

www.avionica.com
Minimum Local System Requirements

- Dual Core or better CPU
- 2 GB RAM (Solely for Virtual Machine)
- 25 GB Free Disk Space
- Network Adapter with Internet Access
- Sufficient Disk Space for Data Storage (or Remote Drive Mapping Capability)
- 32-bit OS, such as Windows XP/7, Windows Server 2003/2008/2008R2, Linux (including Redhat, esx, esxi, etc.).

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