

Flight data download



- 1 When aircraft is on the ground, QAR allows transmission of data
- 2 Cellular module searches and establishes cellular connection
- 3 QAR establishes secure connection to avSYNC

avSYNC (Azure)

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|--------------|---|
| CheckIn | 4 QAR checks-in via CheckIn Web Service |
| Orchestrator | 5 Orchestrator notifies downloader on QAR |
| Downloader | 6 Downloader transfer files QAR → Blob storage |
| Blob storage | 7 Customer specific, secured, temporary storage. Configurable storage time limits |

Flight data delivery

avSYNC (Azure)

- 1 Data retrieved from customer Blob storage
- 2 Customer specific workflows applied, e.g.
 - Combine A717 and A429 files into single A717 file
 - Generate custom ACMS file
 - Push A717 file to FOQA destination system
 - Push ACMS file to Diagnostic system

Blob storage

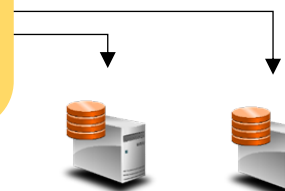
Workflows

Push delivery via

- SFTP
- SFTP-Cert
- FTPS
- FTP

Pull deliver available

- LDAP integration



Customer identified destination systems

With reliable 4G cellular service, flight data delivered to customer systems within 15 minutes of aircraft landing