

MOBILE DATA ACCESS (MDA) WITH EFB

MOBILE CONNECTIVITY PACKAGE FOR ELECTRONIC FLIGHT BAG (EFB)

More and more airlines are turning EFB to decrease costs, improve operations and reduce turnaround time. In order to maximize the benefits that EFB can deliver and meet next generation connected aircraft needs, integrated global connectivity is required. Mobile Data Access delivers this connectivity and is tailored specifically to airline requirements.

ISSUES

Seamless connectivity

Electronic Flight Bag (EFB) implementations need reliable global coverage, and must work seamlessly across device, application and connectivity.

Global support

Operation systems like EFB need global 24/7, easy-to-manage and effective support.

Controlling costs

Managing costs is key, and airlines need to ensure that they have the right commercial model – such as aircraft-based business models – to support EFB. They also need to select the right technologies to get the most cost-effective solution. Finally they need to manage these costs centrally – optimizing bandwidth and restricting use as required.

SOLUTION

SITA can combine EFB applications and global connectivity to seamlessly deliver a single, fully bundled solution.

SITA's EFB connectivity package delivers:

- A combination of the best connectivity technologies, including cellular and Wi-Fi.
- Connectivity management with administration portal and Advanced Connectivity Control
- Coverage across 180 countries and territories
- Tested, end-to-end compatibility with SITA EFB applications and devices

For Class 1 EFB, other options are available such as a worldwide corporate Wi-Fi access (600,000 hotspots).

BENEFITS

- A ready-to-use package which has been tailored to meet specific airline needs
- High bandwidth availability thanks to a combination of technologies
- Unique SITA support desk dedicated to the air transport industry
- Integrated and simple solution for pilots, for increased end user satisfaction
- Global coverage to guarantee business continuity even in remote destinations
- Higher reliability with network redundancy and service level for business-critical EFB

180

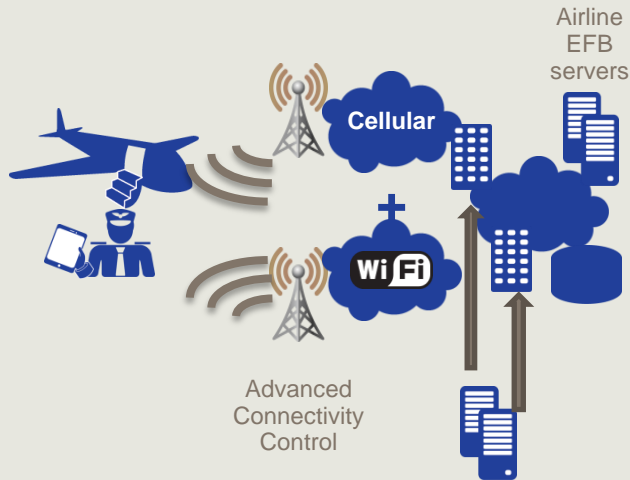
countries and territories covered

400

roaming partners for maximum global coverage

a minimum of 2 providers per country in order to boost reliability

HOW DOES IT WORK?



- Connectivity can rely on both cellular and Wi-Fi radio access networks.
- Advanced Connectivity Control enables airlines to limit data traffic to specific servers or countries.
- Tablets can also be provided as a managed devices solution.

SOLUTION COMPONENTS

The solution is based on combination of standard products:

1. SITA Mobile Data Access [2G/3G]

SITA Mobile Data Access provides cellular (2G/3G) connectivity in 180 countries and territories with a central management platform and network redundancy.

2. SITA Advanced Connectivity Control

This product limits connectivity to specific servers or countries

3. SITA Wireless@Airports (optional)

Provides SITA Business-grade Wi-Fi in 50+ airports.

4. SITA Mobility Access (optional)

SITA Mobility Access delivers Wi-Fi connectivity over 600,000 hotspots worldwide using a local connection manager.

5. SITA Managed Mobile Devices (optional)

SITA Mobile Managed Devices offers a full solution for devices e.g. tablets including service management and financing.

6. SITA Mobile Device Management (optional)

Helps deploy a fleet of devices quickly, and manage updates or configuration remotely in order to enforce security policy.

CASE STUDY

Standard connectivity solutions mainly address residential or generic business needs. They do not offer an effective solution for air transport industry business-critical applications such as Electronic Flight Bag or Electronic Flight Logs.

SITA is working with leading airlines to provide standard off-the-shelf EFB solutions. These solutions include connectivity that delivers global coverage and performance. They also offer the capability to control and optimize costs without compromising on quality of service.

Airlines and aircraft manufacturers already agree that EFB and avionics will rely on a blend of connectivity technologies, and SITA is ready to support the air transport industry with an array of solutions.

For more information please contact us at info@sita.aero