

## Mobile connectivity package for Electronic Flight Bag (EFB).

More and more airlines are turning to EFB to decrease costs, improve operations and reduce turnaround time. To maximize the benefits of EFB and meet the needs for a next generation aircraft requires integrated global connectivity. SITA Mobile Data Access (SITA MDA) delivers this connectivity and is tailored specifically to airline requirements.

### BACKGROUND

#### 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 support that's effective and easy to manage.

#### Controlling costs

Managing costs is key. Airlines need to ensure that they have the right commercial model to support EFB (e.g. aircraft-based business models).

They also need to select the right technologies for 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 bundled solution.

SITA's EFB connectivity package delivers:

- A combination of the best connectivity technologies, including cellular and Wi-Fi
- Connectivity management through an administration portal and the Advanced Connectivity Controller
- Coverage across more than 200 countries and territories
- Tested end to end compatibility with SITA EFB applications and devices for Class 1 EFB. Other options are also available, including worldwide corporate Wi-Fi access (65 million access points).

### 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
- An 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

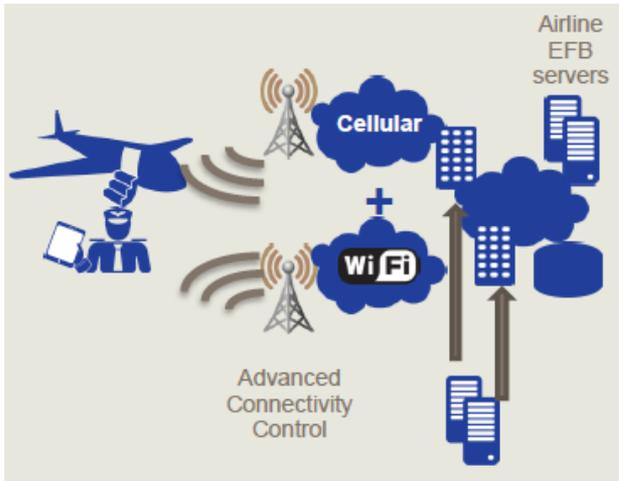
### RESULTS

**200+**  
countries and territories covered

**500**  
roaming partners for maximum global coverage

At least  
**2 providers**  
per country 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

SITA Mobile Data Access provides cellular connectivity in more than 200 countries and territories, with a central management platform and network redundancy.

### 2. Advanced Connection Controller

A network-based solution that enables worldwide organizations to control cellular data traffic centrally.

### 3. SITA Mobility Access (optional)

Mobility Access delivers Wi-Fi connectivity over 65 million hotspots worldwide using a local connection manager.

### 4. SITA Managed Mobile Devices (optional)

SITA Mobile Managed Devices offers a full solution for devices – e.g. tablets including service management and financing. The mobile device management component helps you to deploy a fleet of devices quickly. You can also manage updates or configurations remotely in order to enforce your security policy.

## WHAT MAKES SITA UNIQUE?

Standard connectivity solutions mainly address residential or generic business needs. They do not offer an effective solution for ATI 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 the quality of service.

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

For more information please contact us at [info@sita.aero](mailto:info@sita.aero)