

# GLOBALink<sup>SM</sup> Onboard Internet

## Managed Internet Access/Email Services

ARINC's Onboard Internet portfolio—Oi—focuses on the needs of both the business and leisure passenger—offering a range of services including news, sports, radio bulletins, web browsing, email, instant messenger, podcasts, and VPN access.

Oi provides a managed live Internet experience with limited streaming services and file downloads. Oi utilises a satellite communications medium provided by Inmarsat SwiftBroadband and the Oi software can be hosted on any Linux-based server. The solution combines the ability to wirelessly, or via a data loader, refresh content onboard the aircraft while on the ground—and it offers managed live access during the flight through SwiftBroadband. This ensures a better customer experience, recognising the fact that a single channel system is not a true broadband pipe, but will offer similar connectivity to that of an ADSL connection. Oi's managed Internet experience assures a service that can be priced cost-effectively, but still offers VPN connectivity at a premium price for passengers willing to pay for it.

Passengers will be able to switch on their laptops and connect via the aircraft's onboard wired or wireless infrastructure. The service is accessed directly through the passenger's existing browser—no need for downloading of additional software.

Oi is fully customisable to the airline's requirements and supports a combination of free view or paid for applications. Flexibility in charging options is fully supported and can even include third party sponsorship of services to be used either as an additional revenue stream for the airline, or to cover any potential charges to the airline for any free view services.

Passengers are given a choice in how they communicate to the ground; webmail, IM, SMS, or VPN. As these applications use significantly different

# ARINC

## DEDICATION BEYOND EXPECTATION



amounts of bandwidth, passengers can be provided with different pricing plans to reflect this.

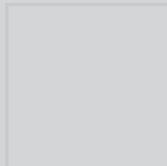
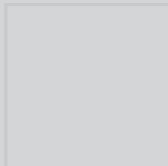
News and sports are offered as text, radio, or video. This provides passengers with a choice of how to access services, similar to how they do it on the ground.

Content is also extremely flexible and ARINC will work with the airline's preferred content provider to ensure that the content sourced and displayed is cost-effective and meets their passengers' demographic needs. This content can vary by route and aircraft type.



## GLOBALink In-Flight Applications

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ARINC's Oi solution compliments the existing airline InFlight Entertainment (IFE) system by allowing it to be used for content media and passengers' own devices.

ARINC is confident that Oi is attractive to commercial airlines and their business and leisure passengers alike, because it:

- ▶ Provides the ability for passengers to use their own personal computers
- ▶ Offers passengers a choice of services which are priced accordingly
- ▶ Requires a software-only package with no modification to the aircraft
- ▶ Results in a relatively small non-recurring expense (NRE)

ARINC, a portfolio company of The Carlyle Group, provides communications, engineering and integration solutions for commercial, defense and government customers worldwide. Headquartered in Annapolis, Maryland with regional offices in London and Singapore, ARINC is ISO 9001:2008 certified.

To learn more log onto [arinc.com/globalink](http://arinc.com/globalink) or email [globalink@arinc.com](mailto:globalink@arinc.com)

## GLOBALink Voice & Data Communications

### Air/Ground Data Link Communications

VHF  
HF  
Inmarsat  
Iridium

### Air/Ground Voice Communications

VHF  
HF  
Inmarsat  
Iridium

### Airport Operations Voice & Data Communications

450 Mhz Business Radio  
800 Mhz Business Radio  
Gatelink  
Airport Remote Radio Access Service (ARRAS)  
In-Range VHF

## GLOBALink In-Flight Applications

### Flight Crew Applications

CrewPass  
Cockpit Access Security System

### Flight Deck Applications

OpCenter  
Digital Automatic Terminal Information Service  
Centralized Flight Management Computer Waypoint Reporting System  
Centralized Automatic Dependent Surveillance  
CNS/ATM Gateway - Communications, Navigation, Surveillance/Air Traffic Management Gateway

Graphic/Text Weather Service

### Aircraft Position Applications

Web Aircraft Situation Display  
Airline Operations Center Network

### Cabin Applications

Onboard Internet  
In-Flight Services Portal  
Live Text News  
Seatback Messaging

## GLOBALink Radio Installation & Maintenance

Radio Installation & Repair  
Radio Equipment & Parts Sales  
Radio Network Design & Engineering  
Asset, Program & Configuration Management  
RF Propagation Analysis  
RF Environment Analysis  
Life-cycle Maintenance  
Integrated Air/Ground & LMR Ground System Implementation