**Key benefits**

1. Provides optimised access to Gmail in remote locations
2. Sends pictures without reducing picture quality
3. OneMail app is private and secure
4. Affordable way of sending and receiving email via satellite connection
5. Easy to activate and use

**OneMail**

**Optimising Gmail performance for Inmarsat’s satellite networks**

OneMail from OCENS is an email service app which provides optimised Gmail performance through connectivity from Inmarsat. Using patent-pending mail processing, OneMail delivers rapid access to Gmail accounts and unparalleled high-fidelity picture compression and transfer.

Gmail is one of the most widely used email systems on the planet (reportedly hitting 1 billion users in the year 2016*), but the Gmail assumption of ample available bandwidth via conventional, terrestrial networks makes it unfeasible when deployed over most satellite networks. That’s where OneMail comes in. It provides rapid, specially optimised access to Gmail accounts via satellite connectivity, using patent-pending mail processing, and it also makes it easier for your experts to choose which emails they would like to download and which can be left until later.

OneMail does the hard work by sending users a summary of the emails in their Gmail inbox and it allows them to tag which emails they would like to see in full. The OneMail app then pulls together any emails flagged as important or interesting, compresses them, and sends them through to the user. This works via an attachment system which is completely private and encrypted, protecting the Gmail account.

An added benefit is that even though the app pulls selected emails onto a user’s smart device, it does not delete any emails from their linked Gmail account. It effectively provides an auto-archive of the flagged emails that they can review in Gmail when they return to a place with a conventional network connection. Designed for the latest smart devices, the OneMail app is compatible with iOS and Android smartphone and tablets.

**Advantages**

They say a picture is worth a thousand words. OneMail’s image compression feature enables users to send high-quality pictures from their iOS or Android device via a satellite connection. The app automatically compresses pictures, eliminating the need to manually manipulate an image to reduce its file size. It typically reduces a 1MB or 2MB image to under 50KB. Despite compression, image fidelity is retained because the process preserves unmatched image quality and dimensions, ensuring a high quality image is delivered.
**Usage Scenarios**

There are numerous organisational advantages to allowing users to access their Gmail accounts in a cost effective and optimised way. Accessing Gmail through OneMail enables better welfare of remote workers and can aid business performance through better remote communications. Example sectors where OneMail could provide tangible benefits, include:

- Oil and gas/mining: Equipment maintenance and inspection, remote healthcare capability, capital project management
- Aid and development: First responder situation assessment, public safety event monitoring, team communications on-the-move

**Inmarsat coverage**

OneMail is supported by Inmarsat’s global L-band satellite network coverage, ensuring reliable access to critical data from remote sites anywhere in the world. OneMail has been certified for use over the following services:

- IsatHub
- BGAN
- IsatPhone and IsatPhone 2 (via Sidekick router, also from OCENS)

**Certified application**

As part of our CAP (Certified Applications Provider) programme, Inmarsat works with a number of application providers with the intention of ensuring to that their applications are not only compatible with our network, but provide our network users with effective, customer-focused applications that offer genuine business benefits, whether they’re using the network for voice, broadband, machine to machine connectivity, or all three. Only individual applications approved by Inmarsat are endorsed with the Inmarsat Certified logo.

**Disclaimer**

Where an application provider’s application carries the Inmarsat Certified logo, it means that the application has been certified by Inmarsat to operate over Inmarsat’s satellite network. Certification does not mean that Inmarsat is certifying any system design or assumes any liability or responsibility in connection with the application provider’s application.

**About OCENS**

OCENS data services, software and apps merge easy-to-use applications with unprecedented content offerings to affordably deliver data over satellite phones to remote users around the world. The OneMail mobile email service for iOS and Android smartphones and tablets, launched in October 2015 and it was developed to provide optimised Gmail access to satellite users.

---

*As reported by The Guardian on 2 Feb 2016, (www.theguardian.com/technology/2016/feb/02/whatsapp-gmail-google-facebook-user-app)