

Wi-Fi Reach | Passport

A Ready-to-Install Space-based Wi-Fi Service Solution



Global Opportunity for Broadband Service

Today roughly 4 billion people in the world are not connecting to the Internet, 60 percent of which live in rural areas. Three-fourths of this unconnected population has Internet access available where they live but are not connecting because they cannot afford connectable devices and service plans or may not be familiar enough with how to use the technology, or they do not have access to relevant digital content. The remaining 1 billion unconnected in the world today are not accessing the Internet because broadband infrastructure to support Internet connectivity is not available where they live. This connectivity gap creates an opportunity for Mobile Network Operators (MNOs) and Internet Service Providers (ISPs) to apply new business models for growing their subscriber base and generating new revenue in areas they might not have considered reaching before.

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to the Internet
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Barriers to Connecting the Unconnected

There are several barriers to connecting the unconnected, especially those located in remote off-grid areas. One of those barriers is the high cost of deploying infrastructure to provide mobile or fixed broadband connectivity service in these areas using traditional backhaul approaches such as fiber or microwave. In addition to cost, ROI is a prohibiting factor, especially since many of these unconnected remote areas have lower income populations, making recovering an investment risky and slow. Then there's the feasibility problem, as many of these areas are in geographic locations that make it nearly impossible or at minimum impractical for traditional infrastructure deployments.

Benefits At-A-Glance

- **Flexible & Scalable:** Ready-to-install kit can be configured for smaller community Wi-Fi hotspots and/or larger fixed wireless deployments
- **Cost Efficient & Profitable:** Lower CAPEX/OPEX investment for affordable internet connectivity to lower income communities
- **Space-based Broadband Network:** Backhauled with Intelsat's high-performing globalized space and terrestrial network
- **Cloud-based Billing:** Easily configurable for localized prepaid end user packages based on language and currency
- **Value Added Features:** Customizable end user experience to include login, advertising, localized content and customer surveys
- **Solar-powered Option:** Solar-power kit for areas where electricity and diesel fuel options are not available or practical



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¹ Source: GSMA Connected Society State of Mobile Internet Connectivity 2018

Quickly and Profitably Connect the Unconnected

What if you could quickly and profitably expand your broadband business into untapped markets and unconnected communities anywhere and everywhere, no matter how remote?

- MNOs can now provide affordable internet service in low income areas until the communities are economically ready for a 3G/4G network.
- ISPs can provide affordable internet service to ultra-rural and remote communities until they are economically ready for a fixed broadband network.
- Government, non-governmental organizations (NGOs) and multinational corporations can work with an MNO or ISP to provide internet access to remote communities to promote sustainable development goals.

Wi-Fi Reach Passport for Affordable Broadband Connectivity

Ideal for MNOs, ISPs, government, NGOs and multinational corporations, Wi-Fi Reach Passport is a complete satellite-enabled Wi-Fi service connectivity kit for providing internet access to rural and remote communities where traditional mobile and fixed broadband infrastructure does not exist or is impractical to deploy. The solution comes with everything you need to quickly install and easily operate community Wi-Fi hotspots and/or fixed wireless deployments, including cloud billing and provisioning, hotspot management hardware and software, captive portal, white label Android downloadable app, VSAT kit, solar panel, Wi-Fi router, access points (indoor or outdoor), training documentation, and local installation and support.

Wi-Fi Reach Passport is part of our portfolio of broadband solutions designed to meet the growing demand for expanding mobile and fixed internet access for people, places, and things anywhere, everywhere.



ABOUT INTELSAT

Intelsat operates the world's first Globalized Network, delivering high-quality, cost-effective video and broadband services anywhere in the world. Intelsat's Globalized Network combines the world's largest satellite backbone with terrestrial infrastructure, managed services and an open, interoperable architecture to enable customers to drive revenue and reach through a new generation of network services.

Thousands of organizations serving billions of people worldwide rely on Intelsat to provide ubiquitous broadband connectivity, multi-format video broadcasting, secure satellite communications and seamless mobility services. The end result is an entirely new world, one that allows us to envision the impossible, connect without boundaries and transform the ways in which we live.

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