Cellular Access Service

Experience uninterrupted Dedicated Internet Access (DIA) or SD WAN connectivity with a fully cellular backup solution.

Overview

In today's digital landscape, enterprises rely heavily on the internet for their daily operations. Whether it's email communication, website management, or accessing cloud-based applications, a stable internet connection is essential. However, outages in the main internet connection can disrupt business activities, leading to significant losses. Having a backup plan is crucial as it provides a cost-effective secondary internet connection, ensuring uninterrupted business operations even during outages.

Cellular Access utlises mobile network technology to provide small to medium-sized offices with reliable and high-speed Internet connectivity. It can be used as a backup to a primary Dedicated Internet Access (DIA) connection, improving business continuity in the event of any device or infrastructure failure.

With unparalleled speed to deploy, you can set up mobile routers and mobile service to get Internet access in days rather than weeks while waiting for your fibre-based connectivity.

Additionally, you can choose to utilise Cellular Access as your primary connectivity options with short- and long-term high-speed data connectivity plans, ideally designed for smaller offices.

Epsilon's Cellular Access is tailored for all types of businesses, including large enterprises, gaming developers, data centres, and financial institutions reliant on a robust Internet connection. Whether it's for reaching remote locations and smaller offices or accessing cloud-based applications to support critical operations, Cellular Access ensures reliable connectivity.

Today's Enterprise Needs

A dependable mobile backup solution for uninterrupted connectivity

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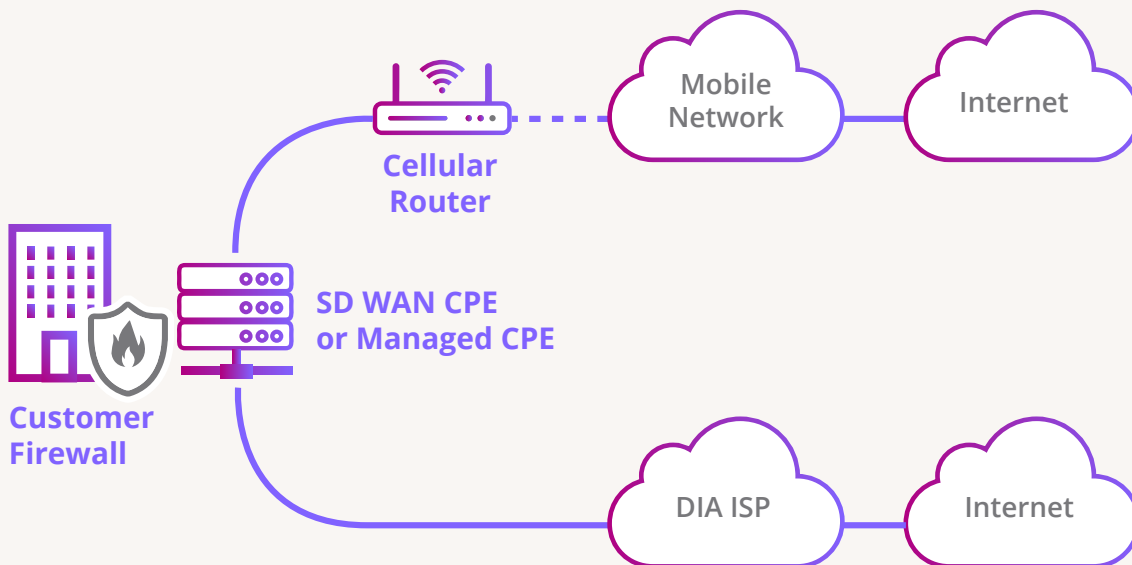High speed and reliability to support critical applications

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Faster delivery of DIA to bring new location online

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A robust and resilient network architecture to support seamless collaboration

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Pooling of mobile data tariffs across multiple locations

Features

Enhanced Mobile Coverage

Epsilon's Cellular Access utilises a 4G/5G-capable IP router that can be deployed at the customer's site. The Cellular Router connects to an Ethernet port on Customer Premises Equipment (CPE), which could be a router, SD WAN appliance or existing LAN equipment. It can be placed anywhere within or on a building using Power over Ethernet (POE) with an Ethernet cable of less than 100 metres. External weatherproof versions are also available.

Mobile CPE Router

Epsilon's Cellular Access ensures high availability for DIA or serves as a secondary/tertiary SD WAN underlay service. It uses mobile networks separated from fixed circuits. For extra resilience, it can also access multiple mobile providers using multi-IMSI SIM cards.

High Bandwidth Performance

Epsilon's Cellular Access provides bandwidths exceeding 1Gbit/s, making it suitable for multiple real-time services such as Unified Communications, Video Conferencing, and business applications such as SAP or Citrix.

Business Continuity through Improved Uptime

While mobile networks do not provide SLAs, adding a mobile-based backup is an economical way to ensure higher availability and reliability for business-grade applications when paired with a DIA or SD WAN underlay circuit. Businesses can also be assured of greater Internet connectivity reliability when DIA and Cellular Access are integrated.

24/7 Support

Epsilon's Cellular Access includes round-the-clock support to promptly address any issues on a global basis. This ensures that businesses can quickly resolve any Internet-related problems that may impact their operations.

Benefits

Enhanced Flexibility

Easily scale your connectivity according to your evolving business needs, with granular bandwidth up to gigabit speeds depending on mobile coverage.

Greater Resilience for DIA

Achieve added resiliency and stability with guaranteed bandwidth, ensuring improved throughput. Avoid the obstacles of physical infrastructure disruptions that can affect traditional failover solutions by offering truly diverse paths from fibre connections. This provides a cost-effective backup for mission-critical applications.

Faster Delivery of Internet Access

Bring your business premises online and operational within days compared to waiting up to 90 days for a DIA. Once the DIA is delivered, Cellular Access can act as a backup or be returned.

Greater Control

Have complete control to manage and configure the usage of mobile data. Data tariffs can be pooled across many locations, and you can control and change tariffs through an Internet portal.

Why Choose Us?

Unparalleled Global Reach

Our extended and resilient network of 500+ Points of Presence ensures that you get reliable connectivity even in far-reaching places

Large Ecosystem of Partners

Cellular Access uses multiple service providers to provide the best coverage, service delivery and service assurance globally

Extensive Suite of Services

As one of the few global providers offering beyond data and cloud, to voice, satellite, and colocation, we can meet all your global interconnectivity needs at scale
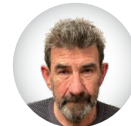
Award-winning Software-defined Network

Automate your international connectivity and extend your global reach with on-demand provisioning powered by real-time analytics and orchestration

Customer Service Excellence

Our team of global experts provide 24/7 technical and operational support to ensure quality service that you can rely on

"Epsilon's Cellular Access Service can expedite the online deployment and operational readiness of your location compared to fixed connectivity. It also offers diverse infrastructure and serves as an excellent backup solution, enhancing resilience."

Peter Agnew
Global Product Manager
Epsilon

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