



UNITAS IP DIFFERENTIATORS

BUILT FOR HIGH PERFORMANCE, RESILIENCY, AND BEST USER EXPERIENCE

Unitas' dedicated high performance Internet Access services are designed for content and applications that require the highest level of performance and resiliency. Unitas' unique combination of route optimized transit and direct connection to SaaS and content providers offers high quality, cost-efficient alternative to traditional public internet services and multi-homed networks.

THREE THINGS THAT DIFFERENTIATE UNITAS IP SERVICES

Direct Peering to SaaS Providers

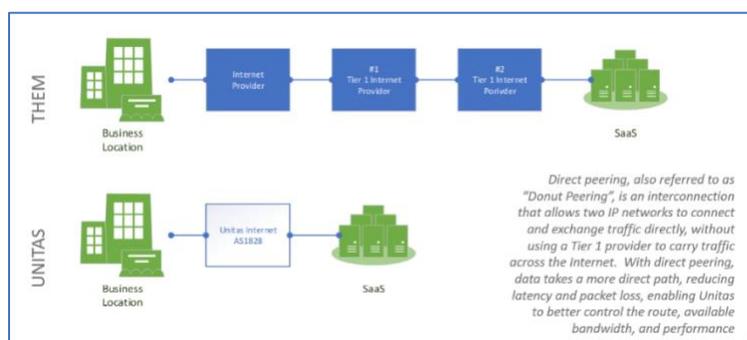
Unitas aggressively connects to IP networks to improve performance. Private direct peering (also known as Donut Peering) is an interconnection that allows two networks to connect and exchange traffic directly without paying a third party to carry their traffic across the Internet. Unitas directly peers with over 5300 other AS networks for one-hop access to SaaS providers, content providers, and broadband networks, over links that Unitas controls and can guarantee the route, available bandwidth, and performance. Unitas connects directly to high-demand SaaS and content providers (like Microsoft 365, Salesforce, Google, AWS, and Zoom) delivering lower latency, improved customer experiences, and faster access to business-critical applications and services than using the public Internet.

Unlike Internet providers with restrictive peering policies that have little diversity in their routing tables, Unitas has a large number of options by which to route our customers' traffic. Unitas still maintains connectivity to multiple Tier 1 Internet providers as well as to many of the other Tier 2 Internet providers and public Internet Exchanges, ensuring there are no holes in our network routing table; rather, there are multiple ways to get to every destination on the Internet. Continuous analysis of Internet traffic enables Unitas to understand traffic flows and improve routing as well as constantly improve our network with new connections and routes.

Bottom line: Shortest access to SaaS applications delivers best user experience.

Bypassing Tier 1 Transit

Not all Internet is the same. Today there are thousands of SaaS providers, content providers, and broadband networks that comprise the Internet. High demand content and SaaS providers – like AWS, Zoom, Netflix, and Microsoft 365 – are not directly connected to Tier 1 backbone networks, but are on other Tier 2 and 3 networks “circling around” the interconnected Tier 1 backbone at the center or core. These other providers buy bandwidth from the Tier 1 providers and rely on them to route traffic between the different sources and destinations that are outside of Tier 1 core.



The Unitas difference is that we built our IP network to bypasses the Tier 1 core entirely, wherever possible, and take customer traffic directly to its destination, traversing the fewest number of networks and interconnections. Direct peering is an interconnection that allows two networks to connect and exchange

traffic directly without having to pay a third party to carry traffic across the Internet. With direct peering, data takes a more direct path, reducing latency and packet loss. This also improves resiliency between business and SaaS providers via multiple routes in many locations around the world. The result is that Internet traffic takes a shorter route to its destination, over an Internet network that Unitas controls allowing stringent Service Level Agreement (SLA) that guarantees the route and available bandwidth.

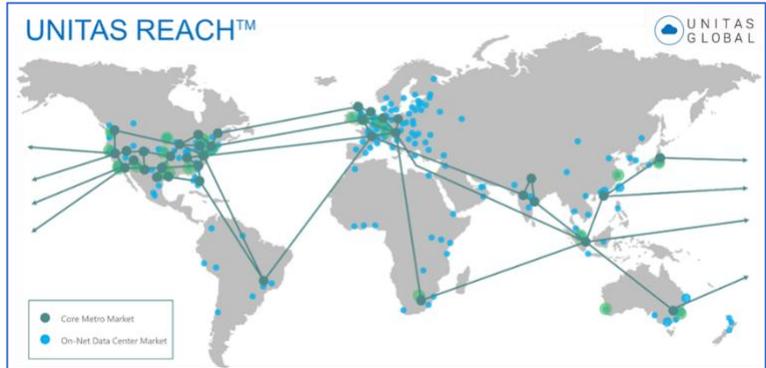
Bottom line: Higher performing Internet delivers 20-50% better performance.

Reliable Global Network

Unitas IP leverages the performance and resiliency of Unitas Reach™. We designed a fault-tolerant IP backbone network over a software defined Ethernet transport network, with diverse points of presence (PoPs) and peering points. Each Unitas Internet point of presence is fully redundant. This means diverse routers, with diverse transit providers and peering, making it independently survivable if there is a backbone-level outage. Between our global PoPs, Unitas maintains diverse, redundant paths for greater control and visibility into



routing and best performance to more locations. Unitas Reach™ is engineered to move IP traffic to and from end-users as quickly as possible. From North America to Europe, Asia to Africa, Unitas provides high performance Internet services to any location using a flexible range of access technologies.



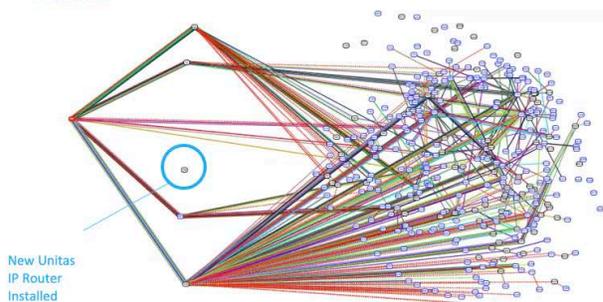
Bottom line: Service resiliency increases availability.

BGP Validates the High Performance of Unitas IP Services

Border Gateway Protocol (BGP) is the routing protocol used to route traffic across the Internet. BGP chooses a path through the Internet, by selecting a route that traverses the least number of IP networks. In real-time, BGP scrutinizes the routes provided by neighboring routers to find the shortest routes and store into routing tables.

Compared to 4 other Tier 1 IP providers, BGP selected Unitas Global IP as the best path 70% of the time in a recent implementation.

Before:



After:

