

Unitas Global

IPath Internet Case Study

▶ SMART TRAFFIC

Dodging Internet Outages with
Direct Peering

REDUCED LATENCY

Lower overhead for SDWAN & VPN

HIPAA COMPLIANCE

Why you need someone who understands





POWERED BY:



➔ The Problem



As more organizations move to cloud-based solutions, they are increasingly dependent on their office internet connection. Unfortunately, most

internet providers have not updated the core internet technology and rely heavily on local hubs and central vendors to route global traffic, regardless of the end carrier. As experienced in August of 2020, a routing misconfiguring from CenturyLink/Level3 resulted in a global drop of internet traffic by 3.5% (reported by Cloudflare) by announcing incorrect routes to Tier 1 providers.



DODGING INTERNET OUTAGES WITH DIRECT PEERING

➔ The Solution



1Path Internet uses 'smart traffic' to bypass the traditional Tier 1 backbone routing to peer directly to high-demand providers like Azure, AWS, Zoom, 1Path

CloudPBX, and other offices utilizing the service while only routing to the traditional backbone as a last resort. This managed peering solution results in reduced latency, lower overhead for SDWAN & VPN solutions, and reduced packet loss.

1Path Internet, powered by Unitas Global, is a global solution that can provide synchronous data speeds with 99.5% SLA backed uptime. Boasting "smart traffic" and Direct IP Peering capabilities above the Tier 1 provider, we deliver network modernization to any location.

Direct Peering, also sometimes referred to as donut peering, connects traffic directly to SaaS providers reducing the number of hops and intermediaries required to route traffic. This results in lower packet loss, lower jitter, lower latency, and lower bandwidth overhead requirements when routing traffic around the public internet.

➔ The Results



During this 7 hour outage window, customers of this modern internet solution only noticed a sub 60 second service blip and maintained access to

key content providers throughout the entire outage duration. While not all service disruptions can be eliminated, the 1Path Internet solution enables the resiliency required by modern business.

"1Path Internet aggressively peers to improve performance for our clients. This was never truer than on the morning of August 30. What was a seven-hour outage for some impacting major technology brands including Amazon, Twitter, Xbox Live, EA, Reddit, Hulu, Duo Security, was minimized for Unitas, and our clients who continued to be routed directly to services."

- Unitas Global

