

Multi-Path Internet

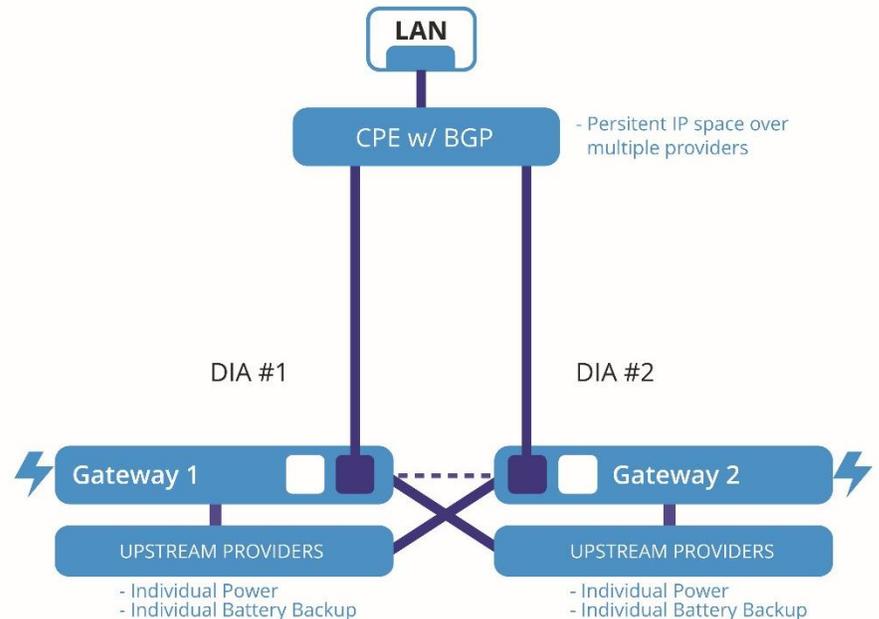
Is your ISP meeting the demands of your business at the price you can afford?

- Ensuring 24x7 business continuity for critical network applications, hosted operations, and global access
- Maximizing productivity and mitigating risk with redundant, high-availability networks and consolidated billing
- Reducing network infrastructure and connectivity costs while improving IT efficiency between remote locations
- Prioritizing and load balancing application traffic over different network connections for consistent performance
- Providing predictable quality of service despite fluctuations in end-to-end delays and service interruptions

We give you more—for less!

Urbanfibre's low cost, high-availability network solution, *Multi-Path Internet*, provides highly-available, 24x7 connectivity ensuring continued operations even if one link—or an entire ISP network—should fail. Using multiple redundant data paths providing near-zero downtime and ultra-fast Internet access speeds up to 10 Gbps. Overcoming application and network constraints, *Multi-Path Internet* consolidates services from multiple providers of your choice, giving you increased availability while simultaneously reducing infrastructure and connectivity costs.

Configured by Urbanfibre specialists, *Multi-Path Internet* connects your customer-premises equipment (CPE) router—configured with Border Gateway Protocol (BGP) as a persistent IPv4 address space—to



redundant Urbanfibre gateways connecting you to multiple ISPs. Two Dedicated Internet Access (DIA) connections offer the performance you need while improving IT efficiency with enhanced resource pooling, offloading, and load balancing. *Multi-Path Internet* uses BGP to check the health of each connection and calculate the fastest, most efficient route based on application priorities as configured by the network administrator.

Regular health checks, optimized performance, and 99.99% uptime with near-zero planned maintenance maximize productivity, while affordable, subscription-based plans offer volume-based or unlimited usage, proactive 24/7/365 monitoring, and prioritized, same-day support.

What is Multi-Path Internet ... and why do you need it?

Multi-path internet routing and provisioning offers a way for ISPs to meet the needs of their customers with high-availability solutions that provide continuous access even in the event of a complete network failure. It enables access to be switched from one network to another without having any impact on the application.

By utilizing connectivity from two ISPs, operators can offer more aggressive SLAs with increased availability, efficient load balancing, improved resource utilization, and an enhanced quality of service (QoS).

Based on your specific requirements, Urbanfibre puts policies in place, determining which events or circumstances trigger the redirection of network traffic from one link to the other. According to your contract, these triggers factor in network resource utilization, security threats, load balancing, or the need for reliable communication with any lost packets quickly retransmitted over the alternate path.

Whatever your specific needs, Urbanfibre can provide you with the availability, performance, and security your business, employees, and clients demands.



Urbanfibre's *Multi-Path Internet* delivers the availability your business demands at a lower cost

Redundant, highly-available and ultrafast connectivity for 24x7 availability and predictable performance, a persistent IPv4 address space, adjustable speeds and volumes, dedicated account management, premium support, and subscription-based pricing gives you what your business demands—at an affordable price.

- ✓ **Guaranteed 99.99% uptime even in the event of a failure**
Ensure continuous access and predictable performance with redundant, high-speed fibre connections from complementary ISPs to ensure user productivity and customer satisfaction.
- ✓ **Ultra-fast, ultra-reliable fibre connections**
Connect directly to the Internet termination point for Western Canada for ultra-fast connectivity. Redundant paths and links ensure the connection is always up, even if one of the links fails.
- ✓ **Choice of service providers for full redundancy**
Choose the best model for your business with options for ISPs, guaranteed throughput speeds up to 10 Gbps, and simplified management with consolidated billing.
- ✓ **Seamless upgrades for increased agility**
Scale bandwidth from 100 Mbps to 10 Gbps with 1TB, 2TB, or unlimited data packages that allow you to pay only for the data transfer your business requires.
- ✓ **Superior service with 4-hour CTR (Call-to-Repair)**
Safeguard operations with rapid restore in the unlikely event of an interruption. Direct access to Tier-2 support provides answers to questions on configuration, billing, or issues.
- ✓ **24/7/365 pro-active monitoring and support**
Run and grow your business with 24/7 connection monitoring by highly trained and professional technical IT staff ensures a stable environment.
- ✓ **Persistent IPv4 and IPv6 address space and static IP addresses**
Ensure uninterrupted access with a persistent IPv4 address space and static IP addresses providing continuous monitoring and stable connections for remote offices and users.
- ✓ **Flexible service plans for seamless upgrades**
Start small and scale as your needs change with affordable, subscription-based pricing and consolidated billing for the entire solution.

Stay ahead of the global competition with Urbanfibre's *Multi-Path Internet 24x7* guarantee

- High-availability network with near zero-time redundancy for uninterrupted 24x7 Internet access
 - Redundant Internet paths with separate access, gateways, power, battery backup, and upstream providers
 - Persistent IPv4 and IPv6 address space based on BGP routing for regular health checks and optimized performance
 - 24/7/365 monitoring with prioritized, same-day support by highly trained and professional technical IT staff
- Configured by Urbanfibre for guaranteed 99.99% availability with near-zero planned maintenance
 - Persistent IPv4 and IPv6 address space across both links for ongoing accessibility
 - Static IP addresses ensure a dedicated address that will never change without advance notice
 - Ultra-fast connects attached to the Internet termination point for all of Western Canada
- Superior value at an affordable price
 - One single, consolidated contract for your 24x7 high-availability network providing near zero-time redundancy
 - Add on to any Urbanfibre network service with affordable, volume-based or unlimited usage plans
 - Unparalleled business flexibility, agility, and responsiveness through speed, reliability, and uptime

Call us.