



A Bonded Internet Case Study

Bonding Fixed-Wireless to Fixed-Wireless for Business Continuity

A Fixed-Wireless customer approached a Multipplied SD-WAN Service Provider following a substantially windier than average spring, in hopes the service provider might have a solution to ensure their business would not be affected by subsequent wind-storms. The service provider provides another fixed-wireless connection for added redundancy, and bonds the connections for greater network performance and uptime.

THE SITUATION:

In early Spring, 2013, a garden center that had been a long-standing customer of the local Wireless Internet Service Provider (WISP) approached their provider looking to add redundancy to their network. The spring of 2013, in south-western Ontario had been remarkably windy and had caused some performance hiccups in regards to their network. The Customer had only a single connection for their office, running many applications including real-time applications for video-conferencing and voice calls.

THE SOLUTION:

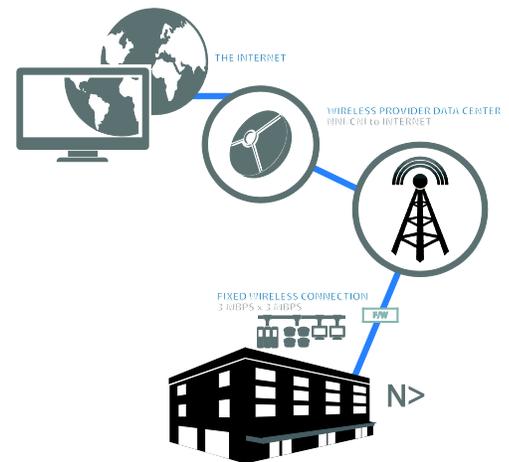
The Service Provider, a certified Multipplied SD-WAN provider, suggested the customer improve both network performance and network resilience by purchasing an additional symmetrical 3MBPS fixed-wireless connection, and bond them together using Bonded Internet.

Multipplied SD-WAN is a networking service that allows customers to combine the bandwidth of multiple network connections. Customers achieve the throughput capabilities of all of the bonded connections as well as the uptime improvements that come with the addition of multiple, diverse connections.

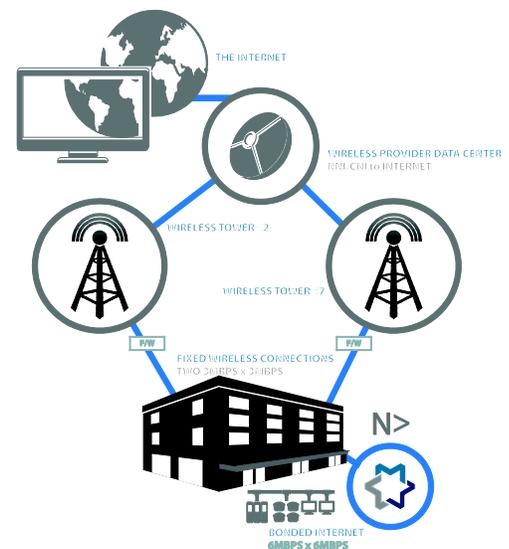
The solution involved providing the customer with a secondary fixed-wireless connection from a different tower. The customer would then benefit from a diversification of service-sources, eliminating its reliance on the single tower – and the single signal-receiver at its site. Under the proposed solution, the customer would have two receivers, one at the north-end of the building and one at the south end of the building.

THE PAY-OFF:

As luck would have it, the spring of 2013 continued to be windy and stormy. A particular late-night storm blew the one of the signal-receivers from the customer’s roof. The customer, however, was able to operate through the network disruption, and the service provider was able to reduce service-costs by not having to send a truck that morning, but could schedule a service call when more appropriate.



Before: Customer had enough bandwidth, but had no network redundancy solution in place.



After: Customer now had redundancy built into its network.