



NETWORKS

P O W E R I N G Y O U

Bonding Fixed - Wireless to
Fixed - Wireless for
Business Continuity

CASE SUMMARY



Who was the client

- A garden center, that had been a long-standing customer of the local Wireless Internet Service (WISP) approached their provider, looking to add redundancy to their network.



The problem

- Performance hiccups in their network caused due to rough weather conditions in Ontario.
- No network redundancy solution was in place despite having enough bandwidth.
- Running real-time applications for video-conferencing and voice calls was becoming more of a challenge due to the existence of only one single connection.



How do we solve it

- We provided the customer with an additional symmetrical 16MBPS fixed-wireless connection and bonded them together using Bonded Internet, which immediately improved both, network performance and network resilience.
- The main solution involved providing the customer with a secondary fixed-wireless connection from a different tower.
- Due to this solution, the customer then had two receivers, one at the north-end of the building and one at the south end of the building.



How did they benefit

- **INCREASED PERFORMANCE**
 - Diversification of service-sources, eliminating its reliance on the single tower and the single signal with receiver at its site.
- **CUSTOMER SATISFACTION**
 - Customer now had redundancy built into its network.
- **COST SAVINGS**
 - A late-night storm blew the one of the signal receivers from the roof. They were able to operate through the network disruption and were able to reduce service-costs by not having to send a truck that day, but by scheduling a service call when more appropriate.

BONDING FIXED-WIRELESS TO FIXED-WIRELESS FOR BUSINESS CONTINUITY

A Fixed-Wireless customer approached a Bonded Internet™ 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.

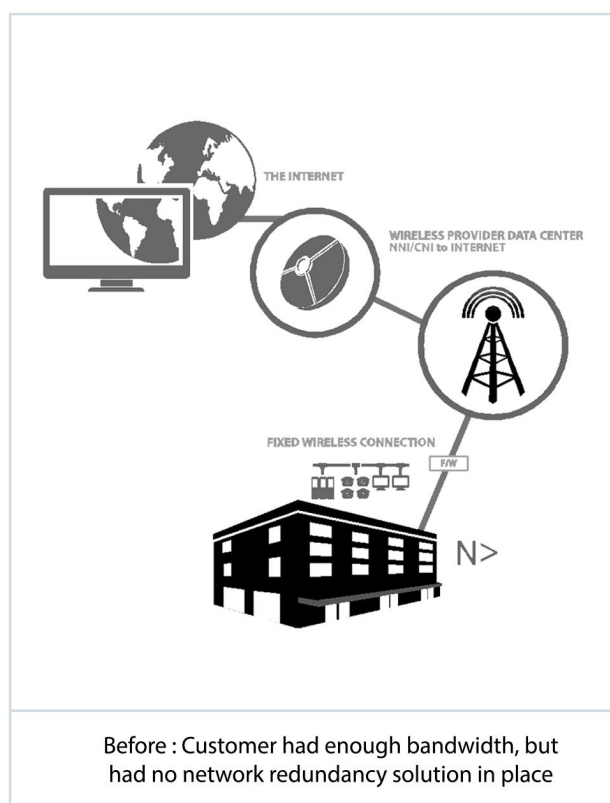
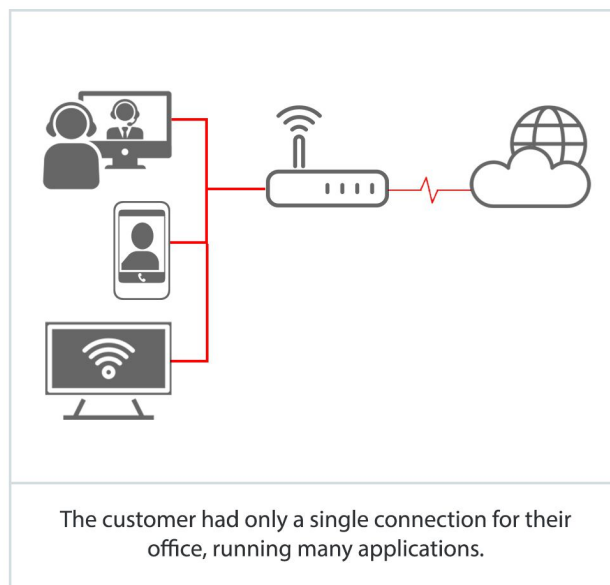
The Situation

In early Spring, 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. That late spring, south-western Ontario had been remarkably windy and had caused some performance hiccups in regards to their network. The customer only had 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 Bonded Internet™ provider, suggested the customer improve both network performance and network resilience by purchasing an additional symmetrical 16MBPS fixed-wireless connection and bond them together using Bonded Internet.

Bonded Internet™ is a networking service that allows customers to combine the bandwidth of multiple network connections. Customers achieve the throughout 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

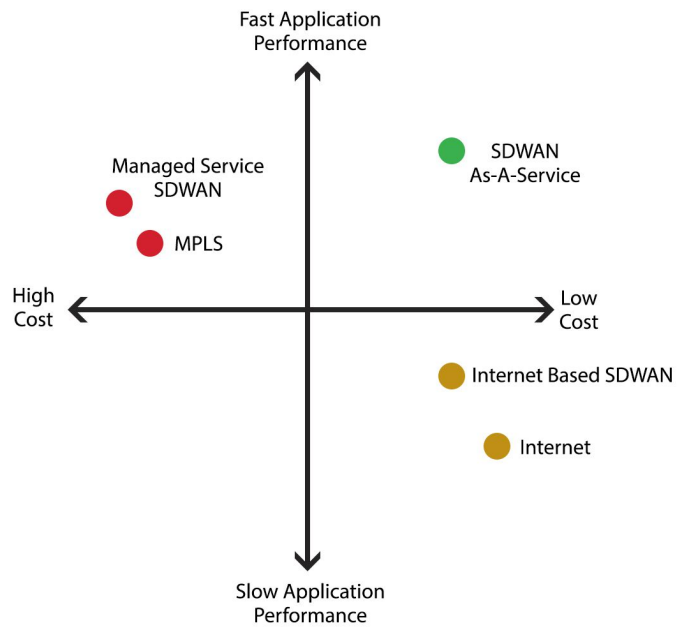


Most businesses that are located in a remote area will find there's very limited access to fast internet connections, and so will have to choose between bonding two connections together .

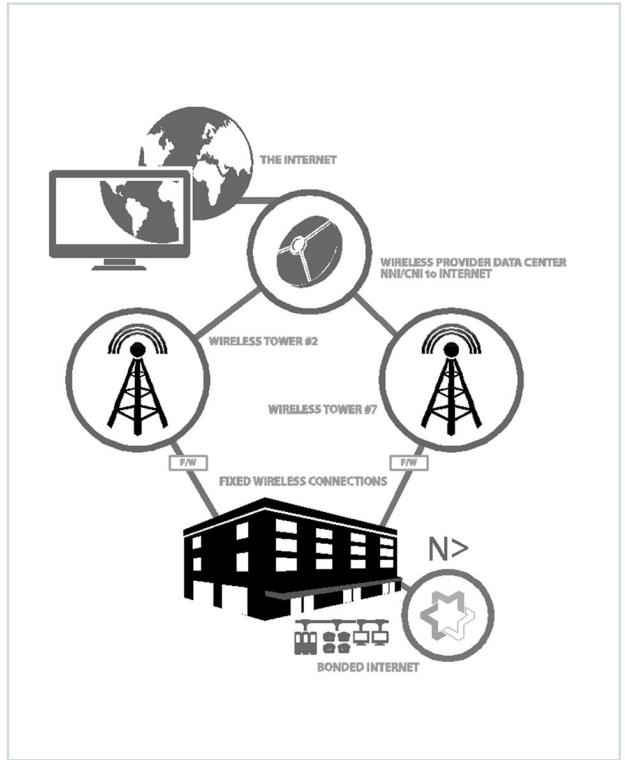
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The Payoff

As luck would have it, the spring 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 was able to reduce service-costs by not having to send a truck that morning, but could schedule a service call when more appropriate



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.



After : Customer now had redundancy built into its network.