

# Higher per-site availability with flexible diversity options.

## IP VPN service from Bell

A network outage costs your business time, money and headaches. IP VPN service from Bell offers higher per-site availability with flexible options for different diversity scenarios, whether you have two links on the same Customer Edge (CE) device or on two different CE devices.

### Large choice of options

IP VPN service from Bell offers several flexible diversity options to meet your needs. Each provides a different level of increased availability. We deploy automatic fail-over and recovery capabilities in different places on the network. You receive maximum uptime in the event of a primary access link failure.

The options include:

- CE link diversity – a secondary link to the network
- Access diversity – secondary physical access to the customer premises in case of an outage
- CE diversity – secondary CE router fail-over
- Provider Edge (PE) diversity – secondary PE within the same or different Central Office
- Point Of Presence (POP) /Central Office diversity – secondary access to different Central Office & POP
- Entrance diversity – secondary access from the maintenance-hole into your buildings

### You should consider diversity options if:

- Your business would suffer if your site was down for even a few minutes
- Your site is used as a hub site with other sites connected to it
- You share property with other businesses and are concerned about the risks of others damaging or cutting your access even accidentally



### Load sharing

Load sharing is an option that can be added when there are two access links for diversity. In this case, both links would carry customer traffic at the same time instead of having one link standby.

### Fast re-convergence

Along with the different levels of diversity, Bell provides the benefits of fast re-convergence.

This automated process provides quicker cutover times than a manual process.

This allows data to switch to secondary resources in less than 20 seconds. The speed at which the connection occurs is a direct result of management tools and network configuration techniques employed in the IP VPN network.

Fast re-convergence also greatly reduces the risk of data loss due to a primary link failure.

For more information visit [bell.ca/enterprise](http://bell.ca/enterprise), or request to be contacted by a Bell representative at [bell.ca/contact-enterprise](http://bell.ca/contact-enterprise).