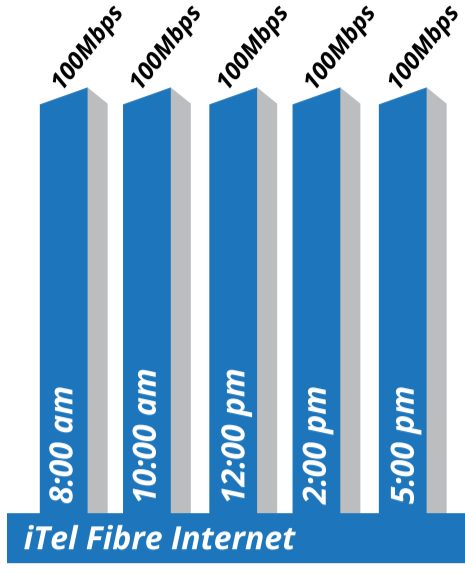


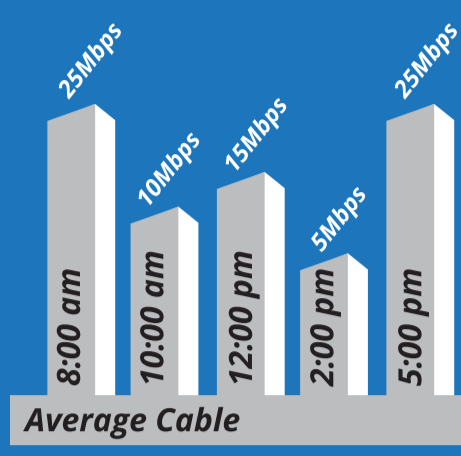
## Fibre vs Copper

# 11 Reasons to Make the Switch

### 1. Dedicated Speeds



iTel Fibre maintains speeds regardless of peak times



Average Cable speeds vary throughout the day

### In Canada alone, business internet traffic will triple by 2019<sup>1</sup>

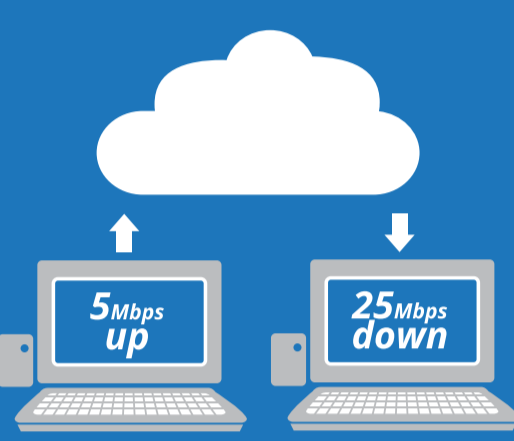
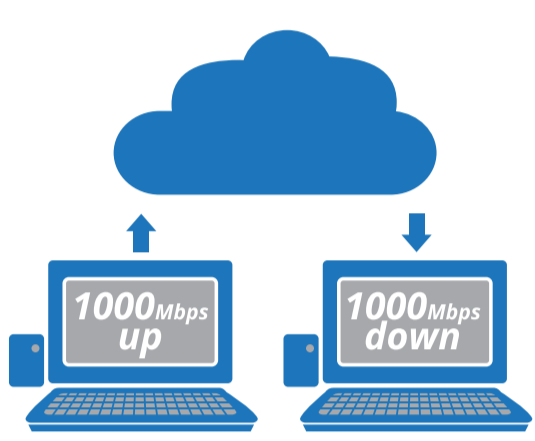
The increase in traffic means shared cable connections will slow down even more so during peak traffic times. With iTel Business Fibre Internet, your business has its own dedicated line with guaranteed speeds. So when we say 500 Mbps symmetrical, we mean 500 Mbps symmetrical.

### 2. 400% Faster



iTel Fibre Internet downloads 400% faster than the average DSL<sup>2</sup>. Collaborate better and faster with download speeds that flash right before your eyes.

### 3. Increase Uploads by 19,000%<sup>3</sup>



### 1-second increase in response time = 17% decrease in customer satisfaction.<sup>4</sup>

If you're hosting a customer-facing website, or have employees collaborating through cloud technology like Microsoft Word 365 and Google Drive, your upload speed is just as important as download speed.

### 4. Degradation Distance



### DSL speeds can begin to degrade from 900 meters onwards.<sup>5</sup>

As a rule of thumb, the lower the attenuation dB of your connection the better. iTel Business Fibre Internet maintains high-quality signals throughout the transmission, while the average DSL connection may experience attenuation at 900 meters.

### 5. Downtime is Costly



The average downtime cost for a small business is \$6,900 per hour, and \$74,000 per hour for mid-sized businesses.<sup>6</sup> Not only are costs negatively impacted, but employee productivity, brand reputation, and customer satisfaction as well.

### 6. Serious Uptime

**99.9%**

Availability is equivalent to

**=**

**8.76**

hours of downtime per year<sup>7</sup>

While other providers offer a 99.9% service level agreement, iTel guarantees performance with our 100% SLA.

### 7. Meantime to Repair (MTTR)



**iTel Fibre Internet**

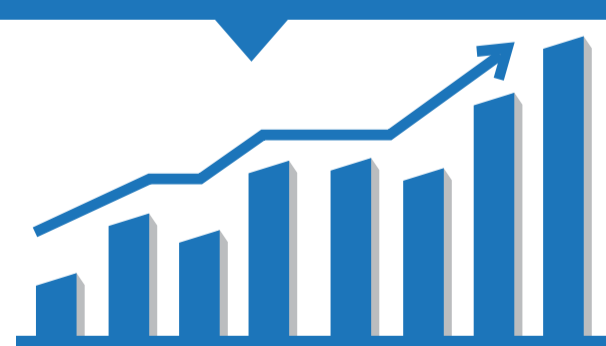
iTel Fibre comes with a 100% SLA and 4 hour MTTR



**Average DSL**

Average DSL can take 24-48 hours to repair

### 8. Scalable Bandwidth



**Fibre internet has scalable bandwidth.** Fibre internet is scalable, so most bandwidth profiles can be increased based on a company's needs without extra installation. Copper may require costly installations if the company wants to increase bandwidth

### 9. Save Money



### Save 40% or more on telecom by converging your network.

Low latency and high reliability. By converging your voice and data through SIP trunking with Fibre Internet, your business can save 40%+ on telecom. Increased performance, increased reliability, increased efficiency.

### 10. IPv6 Ready

**iTel Fibre Internet**  
iTel Fibre is compatible with almost any device.



### Average DSL

Average DSL is not as compatible for future devices.



### 11. More Internet-Connected Devices

**2015: 25 billion devices**

**2020: 50 billion devices**

### Internet-Connected Devices will Double in 5 Years.<sup>8</sup>

IPv6 works with almost any device. This means companies can keep employees connected no matter where the job takes them. Network errors down, productivity up.

Sources:  
1. Cisco Visual Networking Index Forecast, 2014-2019. 2. iTel Networks, 2015.  
3. iTel Networks, 2015.  
4. Aberdeen Group, Silver Peak Blog, 2013.

5. Allstream, 2014.  
6. Spiceworks Infographics, 2012. 7. Interworks Blog, 2010.  
8. Cisco IBSG White Paper, 2011.