SDN COMMUNICATIONS.

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SPEEDTEST WORKSHEET

Before running the Speedtest:

- Document your subscribed internet rates:

  Internet service provider: _____

  Download: _____ Upload: _____
- Prepare your testing conditions for more accurate results:

  ☐ Restart your computer or device
  ☐ Clear your browser's cache
  ☐ Shut down any programs that maybe using your internet connection

Take the Speedtest:

- We suggest running the test several times throughout the day, for several days.
  (Example: Weekday – 9 a.m., 2 p.m. & end of day or after hours)
- Record each result in the table on the next page

Review your results:

Were they slower than expected? Keep in mind:
- Peak hours can affect bandwidth speeds and result in slower connections.
- Aging computers, modems and other equipment can affect speed results.
- Try rebooting your device or router and disable Quality of Services (QoS) features that are running. Then, run the test again and compare results.
- When testing multiple devices, make sure that you are testing the same connection (Wi-Fi vs. wired Ethernet)

Still not satisfied?

- Discuss your results with your ISP or carrier. Ask if they can run diagnostics on their end.
- Contact SDN Communications to discuss service options. We're available 24/7.

Speed Test Log Device used: _____

Date	Time	Download	Upload	Ping	Jitter

Reference Tables: What speeds do I need to transfer large files?

Time to transfer 1GB file

Transfer speed (Mbps)	Theoretical time (Seconds)
1.5	5,333
5	1,600
10	800
20	400
50	160
100	80
250	32
500	16
1,000	8

Data transferred per hour

Transfer speed (Mbps)	Megabytes	Gigabytes
1.5	675	0.675
5	2,250	2.25
10	4,500	4.5
20	9,000	9
50	22,500	22.5
100	45,000	45
250	112,500	112.5
500	225,000	225
1,000	450,000	450