

Internet Service Buyers Guide

By: **PEAKE TECHNOLOGY PARTNERS**

Use the following guide to assist in your purchase of internet services. Note internet services providers (ISP) may vary based on your site location.

	Cable	Fiber (Broadband)	Fiber (DIA)	DSL
PRICE	\$150-300 MRC. Negligible install fee.	\$150-300 MRC. Negligible install fee.	\$500-1500 MRC.	\$100-200 MRC
CONTRACT LENGTH	1-24 months	1-24 months	24-60 months	1-24 months
RELIABILITY	Variable. Should not be used at critical sites as a primary connection.	Very good	Excellent	Variable. Should not be used at critical sites as a primary connection.
SLA	No	No	Yes	No
SPEED	50-1000 Mbps download. 10-50 Mbps upload.	100-1000 Mbps download and upload	10-10000 Mbps download and upload	0.75-3 Mbps download and upload
AVAILABILITY	Very good	Limited	Good. May require fiber buildout (90 days).	Good.
RESTRICTIONS	None	None	Long installation timeframes	Distance limitations from central office.
SUMMARY	Cost-effective option for small sites. Should be paired with another connection from a separate ISP.	Very good price / performance ratio. Should be paired with a backup connection at critical sites.	Best reliability and performance. Should be paired with a backup connection at critical sites.	Not suitable for modern applications. Too slow.

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	4G/5G Cellular	Geosync Satellite	LEO Satellite
PRICE	\$80-150 MRC	\$100-500 MRC	\$500 MRC, \$2500 NRC
CONTRACT LENGTH	1-24 months	24-60 months	1 month
RELIABILITY	Variable. Should not be used at critical sites as a primary connection.	Good. Subject to rain outages.	Acceptable, subject to rain outages and momentary satellite pass outages
SLA	No	No	No
SPEED	1-100 Mbps download, 1-50 Mbps upload	25-100 Mbps download. 5-20 Mbps upload.	100+ Mbps download and upload
AVAILABILITY	Good	Universal	Universal
RESTRICTIONS	Subject to variable performance and throttling. Not ideal for VoIP traffic.	Requires professional installer to mount equipment. Requires roof access. Cannot be used with VoIP. Data caps.	Requires professional installer with roof access. Momentary outages can impact VoIP and video conferencing.
SUMMARY	Good backup option for sites with no other connectivity options.	Not suitable for most healthcare applications.	Good backup option for sites with no other connectivity options. Emerging technology, should be considered experimental.

