

VGI TECHNOLOGY INTERNET SOLUTION FOR SUTTON COUNTY



OVERVIEW

1. Provide Wireless Internet or Direct Fiber Internet Connection to Sutton County.

2. Project Background & Scope

Sutton County is exploring upgrading internet and phone infrastructure with a faster and more reliable connection than what is currently provided. This will allow systems and communications upgrades for the County offices and stability / reliability for the Sherriff's office and communications.

Upgrade would also allow for Cloud computing and VOIP phone capability thus eliminating multiple phone line expenses and the ability to streamline modern applications and support.

3. Current Provider

Verizon DSL connections at 3MB/765 Kbps and/or T1, 1.5 MB with limited capability, limited productivity, no scalability and questionable reliability in some locations.

4. Proposed Solution

Wireless or Direct Fiber Internet connection into the County Annex which will then be distributed inside the Annex to the Sheriff's office and Courthouse offices through a network provided by Snider Technology.

Solution 1 – Wireless Connection

VGI Technology already has a Wireless connection from our service tower in Sonora established to the County Annex building that services the Appraisal District office and at the Sheriff's office for the inmate jail phones.

Pros –

- Infrastructure already in place. No build out cost.
- Scalability to add another radio and capacity if needed in the future.
- Lower monthly cost than a dedicated fiber circuit at comparable speed.

Cons –

- Any Wireless service susceptible to power, upstream fiber provider or weather conditions that could affect equipment.
- Any Wireless service susceptible to possible outside interference issues from other providers or communications.

Cost –

- 50MB/25MB - \$800.00 monthly recurring. 2 Year Term. \$0.00 Install Fee

Solution 2 – Frontier Communications Direct Fiber Connection through VGI Technology.

Pros –

- Lower and higher dedicated symmetrical bandwidth options.
- Scalability to increase bandwidth if needed.
- Failover support capability through VGI Wireless solution.

Cons –

- Frontier Infrastructure dependent.
- High / Unknown buildout cost and higher monthly expense.

Cost - 2 Year Term

- 20MB/20MB - \$1,320.90 monthly recurring.
- 30MB/30MB - \$1,606.50 monthly recurring.
- 50MB/50MB - \$2,156.70 monthly recurring.

\$1,000.00 installation charge.

Cost - 3 Year Term

- 20MB/20MB - \$880.60 monthly recurring.
- 30MB/30MB - \$1,071.00 monthly recurring.
- 50MB/50MB - \$1,437.80 monthly recurring.

\$1,000.00 installation charge.

Solution 3 – Frontier Communications Direct Fiber

Pros –

- Lower and higher dedicated symmetrical bandwidth options to choose from
- Scalability to increase bandwidth if needed.

Cons –

- Verizon Infrastructure dependent.
- High / Unknown buildout cost and higher monthly expense.
- No failover support capability through VGI Wireless solution.
- **Contracted directly with Frontier Communications. No failover protection and must deal with Frontier directly on everything.**

Cost –

Direct from Frontier Communications

All fiber quotes do not include possible build out costs to be determined by an engineering survey once an order is placed. If build out costs come back too high then an order can be cancelled.

Fiber buildouts can range from 45 - 90+ days.

5. Additional Requirements

Wireless extension links from County Annex to Sheriff's Office and Courthouse.

- Contracted and Managed by Snider IT.

Cloud and/or VOIP infrastructure, equipment and Network Management.

- Contracted and Managed by Snider IT.

6. Optional

Wireless links are available from VGI tower for the Sheriff's office separately in addition to main service if needed.

7. Why VGI Technology?

8. Questions?

Thank You for your Time and Consideration.



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