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FOUNDATION NEWS

Product Spotlight:

FTI Satellite Internet PLUS

The purpose of FTI's Satellite Internet PLUS is to provide our customers with a cost effective seamless migration to T1 or DSL primary service while utilizing the existing high-speed Internet equipment and FTI Internet services.

There are several scenarios in where the FTI's Satellite Internet PLUS service will enhance the end user's experience. This service can not only be used as a backup for those periods when demands of the Internet subscribers exceed the available capacity of the primary T1 or DSL service, but also provides a backup solution in the event of failure of the primary Internet service. The new service provides load balancing between multiple Internet service providers in order to increase data rates, decrease the contention for end user Internet access and increase reliability with double redundancy at the lowest possible cost.

Key Benefits are:

Business Continuity –By employing multiple ISPs along with FTI's service, the risk of downtime is significantly reduced so if one carrier is unavailable two other sources are immediately available to ensure continuity.

Faster Internet Access –Multiple concurrent ISPs mean more available bandwidth for users, services, and applications eliminating Internet access bottlenecks.

Load Balancing—Specific traffic can be sent down (or up) specific links and be instantly automatically redirected during a failure.

The PLUS service allows up to three different simultaneous gateways to the Internet.

Any Telephone Internet Service:

- ✓ Flat rate and lowest latency
- ✓ Lowest data rate

FTI Commercial Satellite Internet Service (C/Ku Band)

- ✓ Up to 8mbps downloads
- ✓ Lowest Cost and Highest Data Allowance
- ✓ Highest Availability

Small Dish High Speed Satellite Internet Service

- ✓ Up to 12mbps downloads
- ✓ Highest latency
- ✓ Lowest Availability

Although terrestrial networks have an established record of providing relatively reliable service to customers network outages are an unfortunate reality because wireline services are exposed to a variety of disruptive events. There is no way of predicting when an unplanned outage will occur or how long it might last. For customers considering a fault-tolerant business continuity and disaster recovery plan, a redundant VSAT network is a highly reliable option for maintaining communications.



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- FTI's proven reliability in even the most remote locations
- Nunavik Communications going strong after four years with FTI

FTI has a solution for anyone...Anytime Anywhere

RV Parks & Campgrounds



Located in scenic, out-of-the-way locations, RV Parks and Campgrounds are often beyond the reach of DSL or cable Internet service. Moreover, the RV Parks and Campgrounds are likely to have a relatively small number of potential Internet users with even less actual users of the Internet service. Finally, RV Parks and Campgrounds have a cyclic clientele with peaks and valleys in their attendance making any fixed cost contracted service such as a DSL or other satellite service cost prohibitive during the “slack months”. As such, this group of potential customers will find the features of the FTI service worthy of consideration.

FTI offers flexible monthly subscription plans, such as Fixed Rate Billing, that offers Internet capacity by the MByte. The most attractive would be the Fixed Rate billing

“Both business and leisure travelers have become very sophisticated and expect to have wireless Internet access when they are on the road. Internet access is quickly becoming a necessity rather than a luxury.”



with purchases of Internet capacity by the MByte. The RV Park operator can purchase only what they expect to use on the inbound and outbound links to the Internet and pay for those Mbytes monthly. Unused Mbytes are banked (rolled over to use a cell phone term) and can be used in months when usage exceeds the monthly purchased amount. Accordingly, a RV Park operator can build a bank of Mbytes to be used during peak periods while paying a lower monthly subscription service. At any time the RV Park operator can adjust the monthly guarantee of Mbytes purchased with a written request to FTI. The requested change will take place on the first billing cycle 30 days after receipt of the request. This is perfect for the RV Park operator that knows when the “slack months” occur. No other Internet service offers this level of subscription flexibility.

Another advantage is the lower levels of latency of the FTI service when compared with other satellite Internet services, higher reliability in times of local weather when compared with other satellite services and the averaging of Fair Access Policy increases over the entire month rather than a 24 hour period like other satellite Internet services.

FTI is the only Internet Service Provider that provides multiple billing and service Fair Access Policy (FAP) options for the ultimate in end user Internet experience.

FTI provides the RV Park owner both custom designed wired and wireless Hot Spot solutions together with financing and revenue sharing options.

The Revenue Sharing Option provides the RV Campground operator the ability to avoid monthly Internet and equipment leasing costs entirely or sharing in the capital costs and increasing the percentage of revenue sharing for the operator. In this plan, FTI will

turnkey the construction of the capital costs of the RV Park and provide Internet Service. No capital contribution by the RV Park owner is required for a 10% share of the gross revenues collected by FTI. For each 25% of the total capital costs for the project contributed by the RV Park owner, the RV Park owner receives an additional 10% share of revenues. In this way, the RV Park owner can receive up to 50% of the revenues leaving 50% for FTI to fund the cost of the Internet services. ONLY QUALIFIED RV PARKS WILL BE CONSIDERED FOR THIS OPTION.

FTI recognizes that the telephone company DSL or T1 service will eventually reach even the most remote locations with high-speed Internet service. Whether this occurs next month or next year or longer, the FTI equipment package utilized in the RV Park will never be obsolete or unnecessary. FTI offers a Internet Service Provider load balancer option that can combine the FTI satellite Internet service with up to two additional Internet services to increase reliability, increase access to the Internet and increase data rates even further enhancing the Internet experience for the end users.

“The Village of Kuujjuaq has been receiving Satellite Internet from FTI for almost 4 years now. And despite our harsh winters it has been very reliable and we receive excellent support and service from FTI’s well trained staff.”

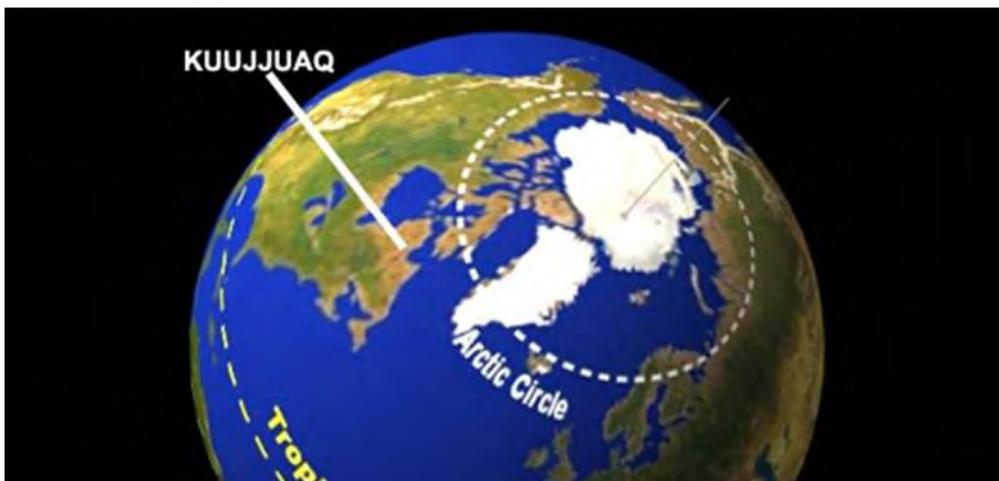
—Sammy Duncan, Owner, Nunavik Communications, Inc

Customer Spotlight:

Nunavik Communications, Inc. Kuujjuaq, Canada

Kuujjuaq is the largest Inuit village in Nunavik, Quebec, Canada and is located on the shore of the Koksoak River 32 miles south of Ungava Bay just south of the Arctic Circle. With no railroad or road connections to the rest of the world, travel to Kuujjuaq is limited to air or ships during a few months of the year only. For the past 4 years, FTI Satellite Internet services have been provided to nearly 200 Internet subscribers by Nunavik Communications, Inc., despite average low temperatures of 13 degrees F and 29 degrees as the average high. The customers of this extraordinarily isolated village enjoy not only the traditional basic Internet services but also streaming video and VoIP telephone.

You may be curious to know “Where in the world is Kuujjuaq?”



FTI Files Patent for Proprietary Hybrid C/Ku Satellite Network

Following nearly a year of research on technologies utilized in the satellite industry, the FTI patent attorney firm filed a provisional application for United States Letters Patent Serial No. 61/595,536 on February 6, 2012. The patent is for the “Hybrid C/ Ku Band Satellite Communications System”.

The satellite communications system approach utilizes C band frequencies from its network control hub to remote customer locations as a stable communications link relatively immune from weather such as thunderstorms or hurricanes. Unlike conventional Ku band VSAT networks. Traditional Ku band in-route transmissions are used from the remote site to the hub using Automatic Uplink Power Control (AUPC) for continuous uninterrupted communications in the worst of weather conditions. Typical “availability” of the C/Ku Hybrid link exceeds 99.95% with the small 2.4m satellite antenna.

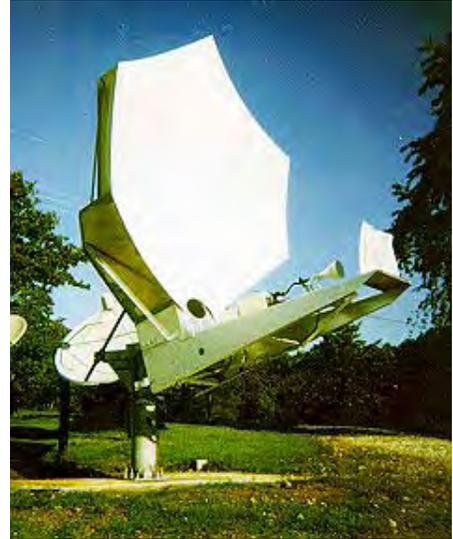
The hybrid network has been hurricane tested with both hurricanes Katrina and Irene with total cumulative outages due to weather of 18 seconds compared with over 10 hours with nearby traditional Ku band VSAT installations.

The design goal was to develop a solution for C band levels of availability in times of inclement weather with Ku band levels of size and capital cost. The antenna solution is now available with a mobile auto-acquire option for the ultimate solution in reliable disaster recovery communications anytime, anywhere.

President's Corner

After over a half a century of providing services to customers throughout the world, satellite technology remains the lowest cost per user highest reliability transmission system when compared with telegraph, telephone or fiber infrastructures. While a bold statement, a single capital investment and operating cost provides the originator the ability to amortize its operating cost over hundreds of millions of potential customers. Having only been involved with satellite communications for the past forty years of its existence, it is discouraging to continually be reminded of its perceived deficiencies.

In the beginning, there were those that found fault with large antennas in favor of small state-of-the-art high tech antennas while the same users constantly complain of weather fades, video checkering and loss of service that is inherent in small dish networks. Others find the latency of a satellite broadcast irritating but accept equal or higher latency through their cell phone service. By the same token, those that provide emergency services, businesses and health care facilities always turn to satellite networks to restore their communications when they absolutely have to have communications and all of their previously regarded high-tech solutions have failed them.



In times of disaster such as Hurricane Katrina, floods or earthquakes when all conventional communications infrastructures fail, all disaster recovery communications are entirely satellite based. Why wait to implement a disaster proof backup system for telephone, cell phones and Internet when a simple terrorist proof mobile or permanent satellite link direct to the Internet "backbone" ensures continuity of communications?

For more Information on any FTI Product or Service, Call or Email:

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