Services

iDirect Broadband Ku-BAND

The first iDirect VSAT we have brought to the market was a revolution: a highly integrated solution, with true dedicated bandwidth, bi- directional QoS and TCP acceleration – all inside a small satellite router. It was a quantum leap forward from prevailing DVB- RCS and legacy TDMA systems in terms of both efficiency and functionality. Today, iDirect is an acknowledged business connectivity standard worldwide. And after a decade of innovation, we've raised the bar yet again.

. Smart VSAT

The new concept means a world of change in VSAT business. The subscriber can now delegate a wide range of network management tasks to the reseller, or the NOC. The satellite network became cleaner and the bandwidth abuse is a easier to identify and resolve. The service provider, empowered with an insight into their subscriber's LAN, delivers better technical support.

. Bandwidth Management

In the core of this approach is strong bandwidth management. The VSAT now allows to deliver guaranteed level of service to customer's LAN on a per-host basis. The reseller or the NOC can control maximum bandwidth per each device in the network, as well as prioritize certain applications via QoS, in order to avoid abuse.

. PEP Acceleration

Delivering reliable uplink was always a challenge in the VSAT business. If the uplink circuit is congested then acknowledgment packets will not be able to get out of the remote network. PEP allows to reduce outbound traffic up to 90% if compared to standard HTTP and TCP protocols.

. Billing Solution

The VSAT terminal now includes a complete Billing solution that allows to deploy WiFi Hot Spots, Cyber Cafes, Hotel networks and provide access to communities. The VSAT authenticates local users via Web interfaces and enables Internet access on a limited time basis (per hour, per day, or any other timeframe), or using traffic limits, or without any limits at all. The VSAT owner can generate and sell Internet access vouchers to local users.

. VPN

Need to deploy a VPN network? The VSAT now includes full client and server. The built-in VPN solution accommodates a wide range of configurations, including remote access and site-

to-site VPNs. It supports clients on a wide range of operating systems including all the BSDs, Linux, Apple OS X, Solaris and Windows.

. Reporting & Monitoring

Built-in monitoring and reporting tools enable full understanding on how the satellite bandwidth is used at any particular remote.

. Service Delivery Example

The illustration below provides an example of how Internet access service can be delivered to local users. Example
prime costs, assuming 20 users
Standard 1 Hour Internet Access Voucher: $0.50 (2000 leones)
1 Day Voucher: $4.00 (17,500 leones) 1 Month,
Unlimited Access Voucher: $120

. What's Included

* Unlimited Traffic (no FAP)
* SLA
* Dedicated CIR Bandwidth
* 99.5% Guaranteed Network Uptime
* iDirect PEP Acceleration and Optimization
* Web and DNS Caching
* Bandwidth Management Appliance
* VPN Client & Server
* Reporting & Monitoring Tools

. Service Contracts

Bandwidth: From 256 kbps to 4 Mbps
Minimum Term: 3 month with automatic renewal
Security Depsoit: 1 month
Payment: Wire transfer in advance
Cancellation Policy: 30 business days advance notice

. Platform Details

Platform: iDirect Evolution DVB-S2/ACM
Satellite Spacecraft: Eutelsat E21B and Telstar T11N
Frequency Range: Ku-Band
Teleport: DE1, Germany
Supported Modems: All iDirect Evolution series modems

iDirect Broadband C-BAND

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. Platform Details

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iDirect Evolution DVB- S2/ACM
Satellite Spacecraft: SES NSS- 12
Frequency Range: C- Band Teleport: DE1, Germany
Supported Modems: All iDirect Evolution series modems

Sat3Play Satellite Broadband

French-speaking channels accessible with the same antenna. Extra hardware required (LNB and MPEG4

DECODER)

Power Backup Solutions

We work with your team to develop and implement an operations and scheduled maintenance program to ensure your equipment maintains optimal performance throughout its life.

Hot spot Solutions

Hotels, Cafe's and Bars are faced with an increasing demand for a guest and visitor connectivity throughout the entire premises; guest rooms, restaurants, lobbies, outdoor areas. Having the ability to offer an internet access service will give you the opportunity to:

Increase your visitors by offering FREE access, paid or both.

- Offer a WiFi Hotspot service at your location
- Secure an on-going revenue for your business by charging for access.
- Increase your company profile with your social login and win new customers.
- Provide a valuable service to your customers.

Medical Mobilization

Clinic In A Can is an innovative, self-contained medical clinic built inside of a shipping container. These containerized clinics are retrofitted and delivered ready to use, anywhere in the world, providing an instant resource to meet a variety of medical needs in remote or developed areas. Clinics come in 20 and 40 foot sizes with the option of solar or generator power.

IT Solutions

SNB Communications offers wide range of technologically using advanced systems and gold standard hardware for home and commercial purposes. These systems can be integrated with Solar Panels as well as Wind Turbines, we can help choose a suitable solution based on the applications required from different load capacities and different deployment scenarios from hardline LAN networks to wireless systems, implemented with cloud base management solutions. SNB can even create star topology networks, VPN using HUBs or satellite solutions if you need to connect to offices remotely.