The G2 Solution

INDUSTRY UPDATE . . .

3G or WiFi or WiMax? Which to Choose?
Leon Erlanger 4/24/06

For your company, the choice depends on budget and where and how often your users travel and need to connect. WiFi is still convenient and inexpensive. The hardware has been built into nearly every notebook within the last three years. Availability is widespread – corporate offices airports, hotels and coffee bars, and the bandwidth is hard to beat. The monthly cost is nearly half of 3G and many places offer it for free.

The problem with WiFi is that the service is decentralized and chaotic. When you're traveling, you first have to find a signal and then hope it's free or part of your subscription plan. Otherwise, you'll pay $8 to $12 per day which can exceed the monthly cost of 3G, if you travel frequently.

The advantage of 3G is its locally pervasive availability. If it's offered in your metro area, you can log in anywhere always using the same service and software. When you've tasted that kind of freedom, it's hard to give it up. Performance is a little slower than WiFi because 3G is a closed network, but 3G is more consistent. The big difference is that 3G uploads are much slower than downloads, whereas WiFi generally has the same speed in both directions. However, this may not be an issue for most users. The cost of 3G is also higher. Hardware averages $50 to $200 and the service is about $60 per month, but volume discounts and bundled programs are available. The disadvantages are that 3G must exist in your metro area and currently, standards are still evolving so significant upgrades will continue to occur for a while.

On the other hand, as 3G becomes more ubiquitous, its flexibility and consistency will be hard to beat. If you're a frequent traveler who needs true mobility with connectivity, 3G will eventually be your answer.

Also watch for WiMax, or 802.16e, a fourth-generation wide-area wireless technology pushed by Intel and others. It has a range of 3 to 10 miles with speeds as fast as 30 Mbps. WiMax is in its infancy, but the mobile standard was recently ratified by the IEEE. Testing has begun and deployments are expected in the U.S. in 2007.

IMPORTANT INFORMATION

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G2 Corner…

Your Single Source
PRI, Local T1 (SuperTrunk) & Integrated Circuits (Voice & Data) are available from multiple providers.

Benefits from SBC Resale
Reselling SBC services bring with it numerous benefits to the customer and the dealer.
For the customer –
- Easy to read bill, services itemized by type and charge
- Services converted "AS IS" keeps ALL lines and features
- Lines secure against slamming
- Exceptional support 24x7; easy to place orders

For the Dealer –
- Earn commissions on existing and new services
- Save time by placing order quickly and simply
- Become a true single-point-of-contact for your customer thru G2
- Complete support from analysis to customer service

Please Note – SBC DSL service can't be converted.

Conference Calling
G2 is please to announce a new Conference Service at very attractive pricing.
- ✓ Do it yourself dial in - $0.06 per minute/connection
- ✓ Do it yourself Toll Free - $0.10
- ✓ Unlimited flat rate -$150.00/mth up to 10 connections

LET'S TALK!

G2 Solutions works hard behind the scene to add and integrate additional services and providers aiming at becoming a true *Single Source for Telecommunications*!

To that end, we have developed two parallel tracks of services:
- A complete suite of services for which G2 Solutions provides the implementation, billing, and support. These services include:
  - Local – Business Lines, Centrex, PRI, Local T1 (SuperTrunk) and Integrated Voice & Data circuits.
  - Long Distance – Switched and Dedicated
  - Private Lines – P2P, FR, etc.
  - Data – Dedicated Internet Access (DIA)
- Since not all providers offers a wholesale program, G2 has established an agency relationships with ALL major and regional service providers where services can be placed to supplement and extend G2's coverage. These services include:
  - Local – lines, PRI, T1 (SuperTrunk) and Integrated Voice & Data circuits.
  - Private Lines – P2P, FR, etc.
  - Data – ADSL, SDSL, DIA.