



Be connected to the best

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Note from the President

Speed versus Bandwidth Footprint or Traffic to the Internet

Speed is like how fast you can fill a pail with water. The more you open the valve the faster you will fill the pail. This is how our plans have been based. Bandwidth Footprint or traffic is how many pails we fill up. An example is one webpage equals 1 pail to an HD movie that equals 400,000 pails. This usage is new to the Internet and it may take years for the physical equipment to be in place to meet the requirement for all these additional pails.

T6 capacities to the Internet and our internal infrastructure are increasing.

It's hard for me to believe just 5 years ago we started with 1.5 Megs to the internet and today we have 310 Megs with 600 more Megs to be installed in the next 45 days. We have upgraded a path through our network to 600 Megs of capacity; this replaced a path capable of 54 Megs.

Please be considerate of your neighbors

Even though we have invested in all of this additional capacity we still don't have the capabilities to handle large numbers of movie downloads.

Good Computing!

Dan

Bandwidth Footprint

So what exactly is a bandwidth footprint? A bandwidth footprint tells how much bandwidth a person requires for his or her usage of consumer electronic devices, much like a carbon footprint tells the amount of greenhouse gases an individual produces. Consumers don't think in terms of bandwidth, so they don't really realize how much they really use.

How does this Bandwidth footprint affect all of us? AT&T has reported that in the next several years, 20 households will generate more traffic than the entire Internet today. This traffic will require 55 billion dollars of investment just to keep up. The biggest change is downloading movies or watching TV from the Internet, something that was barely imagined 5 years ago.

Among the most bandwidth-intensive devices and applications are:

Streaming Video. As HD content providers find new ways of delivering video to consumers, these applications are edging out traditional web content such as text and images as the top http traffic generator.

Networked Gaming. Online gaming and its sibling Massively Multiplayer Online Games (MMOs) are high-growth environments—many analysts predict a \$13 billion market by 2011—that demand sizeable amounts of bandwidth. The HD movement will soon enter these markets, as well, resulting in dramatic increases in required bandwidth as regular online gamers' numbers rise to 50 million or more in the next few years.

Faster Speeds. One of today's fast-emerging bandwidth-hungry trends is downloading movies for purchase or rental. These massive files demand large amounts of bandwidth as they are downloaded onto a PC or laptop, and perhaps downloaded via a set top device for viewing on a television set. Consumers are also using applications that demand higher and higher upstream bandwidth, including peer-to-peer computing, remotely accessing home computers and networks, accessing Web 2.0 services, backing up online content and video chatting and conferencing.

- Broadband Internet *DSL
Wireless*
- Phone Service *VoIP
Analog*
- Support *Onsite Support
24 Hour Phone*
- Fax
- Phone Systems
- Dialup
- Advanced E-Mail



One on One *It's all about you.*

Do you still have pictures on your digital camera from your spring break ...of 2005? Wouldn't it be great to have a 'go-to' person that could show you some tips and shortcuts on your computer?

We've got that person! You can have a trained Technician at your disposal once a week for 45 minutes for an entire year. You'll get personal, one-on-one training on what *you* need help with.

Not sure where to start? We have training topics for that. Here's been our most popular:

Internet Tips & Tricks: Easily see if you're getting the best deals shopping online, Internet settings and security controls explained

Computer 101: Control panel, files and programs- *oh my!* A class for all those questions you may have been embarrassed to ask.

Call today for available dates and times!



NEED MORE SPEED FOR YOUR FOOTPRINT?

**Starting college
courses in the fall?
Are you going to
have more than 1
computer in your
home? For as little
as \$8, you could be
doubling your speed!**

Go from this.....to this!



Cool Gadget

At the end of the day, the last thing I want to do is fumble thru a pile of knotted cords to plug in all of my gadgets.

The Sanctuary is a beautiful, simple solution to this real everyday problem. It gives you a place to put the multitude of personal items we all carry around so they are easily located again when needed, always fully charged.

The simple and compact design conceals a universal charger compatible with over 1500 electronic devices from most major brands and a USB port allowing hundreds more electronic devices to be charged. You can charge your cell phone, PDA, Blackberry, iPod, MP3 player, and Bluetooth headset simultaneously in one location.

Check it out at BlueLounge.com!



Ask the Tech

How do I get those shortcuts on my task bar?

The shortcuts on the task bar (bottom bar on your computer) are great. They get you where you want to go with a single click of the mouse! All you have to do is drag whatever you want down to the task bar. I'll example: open your start menu and highlight a program, such as Word. Holding the left mouse button down, pull it down to the bottom bar. A small line will show up (it may look like this- I). This is to show you where it will be placed. Then let go of the button. **Ta-da!** The same can be done with the icons on your desktop. To delete, simply right-click to open the menu and click delete.

Forward your questions to Newsletter@T6B.com. Need an answer right away? Go to T6B.com and click on 'Live Support' at the top of the page!

Even if you're on the right track, you'll get run over if you just sit there.

-Arthur Godfrey

