



HAPPY VALENTINES WEEK

Mountain Computers is working diligently to share technology and information regarding fun techniques when appropriate to the Internet community. Our 2012 Valentines Day web page is a version of our Christmas 2011 web page with some adjustments. Enthusiasts of art and language can appreciate our intention. While some might think this is trivial, the smallest things in life seem to be the largest rewards in satisfaction.

If you missed our Valentine's Week home page, go here <http://www.MountainComputers.org/Valentines.html>

NETWORK DATA PROTECTION - PART I

The local area network (LAN) is a primary source of collaboration within a company that is based in one location. The Internet offers extending that LAN to other locations and offices anywhere in the world. What are the risks? First of all, office to office connectivity can be via virtual private networking (VPN) technology. Employees working from home to their corporate network also use VPN. What are the risks? When two corporate offices are connected with hard networks, point to point (PTP) or larger and faster networks like MPLS technology (BlueCoat, Integra Telecom). The risks x10 are many. As a business owner, we live in today's world but I need to be sure the reward exceeds the risk of any technology change. Microsoft and other solution providers throw out lowering total cost of ownership (TCO) but for my last 15 years, this is a lie. The real deal is the financial balance of cost to benefit and saving formula (ROI/IRR). How does the investment weight out in terms of savings? We will explore that shortly in the next few weeks as we start to work with companies that need to consider faster network legs and faster office-2-office activity.

References:

Integra Telecom 2009/2012

[http://www.integratelecom.com/about/news/press_release_articles/Mpls%20VPN%20and%20Network%20Solutions_FINAL%20\(formatted\).pdf](http://www.integratelecom.com/about/news/press_release_articles/Mpls%20VPN%20and%20Network%20Solutions_FINAL%20(formatted).pdf)

Blue Coat, 2009, MPLS+

http://www.bluecoat.com/sites/default/files/documents/files/MPLS%2B_Managed_Services.8.pdf

COMPUTER PARTS AND THE BTO RENO DILEMMA - PT. I

Where in Reno Nevada can one get parts to do their build? The short answer is no where. The long answer is more specific to your needs. All the big box stores are gone that carried computer parts at a discount when possible. CompuUSA gone! Circuit City gone! PC Club gone! The Good Guys gone! BestBuy almost gone, to be DOA end of 2014 as forecasts if not sooner. Frys Electronics might be also DOA if they do not have the muster to compete with NewEgg. We know at Mountain Computers how to beat the problem!

The projection from Andy is BestBuy folds, Frys Electronics will arrive. Andy has contacted the private owners years ago to offer Mountain Computers as the inset of service leadership. Frys Electronics would solve the Northern Nevada technology inventory problem. It is easy to sell parts, but not service. BestBuy & the Geek Squad are nominal at best, but they fail in technology expertise in the deep end of the pool. Mountain Computers is primarily a repair center for all small and medium businesses and engineering firms who need in-depth expertise from our staff that exist nowhere else in Nevada. One other element of value, Mountain Computers only stocks great parts, not cheap parts with great durability, warranty, and life.

TECH TIPS OF THE WEEK

1. Once per year, make sure your ethernet connections on your home or business router, punch down panel and systems and servers are snug and inserted and not slipping out of position in the RJ45 port.
2. If you run separate networks at home or your office, make sure the default router has the default LAN / Gateway Subnet.



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GO GREEN PC-TUNE UP!

