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## NTS News - JANUARY **TWENTY TEN**

What's new at NTS...

### **Project: Promontory**



Promontory Utah is where the first transcontinental railway in the United States was famously completed with a Golden Spike. On May 10, 1869 in anticipation of the ceremony, Union Pacific No. 119 and Central Pacific No. 60 (better known as the Jupiter) locomotives were drawn up face-to-face on Promontory Summit, separated only by the width of a single tie. Analogous to the Union Pacific No. 119 and the Central Pacific No. 60 finally joining to

make the first transcontinental railway thereby expanding commerce in the United States,

Project "Promontory" is NTS's largest investment of its infrastructure in its 22 year History. Virtually every piece of hardware, and new software will replace the existing system and be spread out to multiple data centers throughout the United States and Europe.

NTS's substantial telecommunications infrastructure has been evolving and moving easterly as did the Union Pacific No. 119 and traveling westward like the Central Pacific No. 60, NTS acquires new VoIP and Internet systems, technologies, and know-how, moving closer to the joining NTS's existing telecom platforms with the newest web-enabled VoIP technologies to offer EoIP (Everything over IP) as project Promontory.

Promontory enabling technologies will deliver to and from any device any type of content; static web pages to streaming audio and video, to text messaging and voice communications. Like the first transcontinental railway, NTS's Promontory will open new commerce and revenue opportunities for NTS's

partners and customers.

## VoIP ))

**VoIP** or **Voice over Internet Protocol** refers to transmitting voice communication over data networks using the Internet Protocol (including of course the now ubiquitous Internet). The uses of VoIP are many and varied, including PC voice services like Skype® and Verizon's FiOS and AT&T's U-verse based telephone services as well as corporate and government telecommunication services. VoIP technology is not limited to voice; it can carry other streaming media such as video.



In a nutshell, VoIP works by breaking up digitized media into what are called "packets" that are then sent separately across the data network, then reassembled on the receiving end into a stream and played to the receiving user.

Virtually all telephone providers are migrating to VoIP which will eventually replace the traditional telephone system.

NTS has already begun to integrate VoIP capabilities into our telecommunications platform. We are in the process of migrating to an all VoIP architecture coming this year.

## Mobile Phone Growth

Use of personal mobile phone numbers over traditional land lines has been increasing nationwide. Cell phone use has become more convenient and a wider menu of services, including text messaging, video and music, GPS, games and mobile internet, has made it easier for consumers to spend money via their cell phones.



The number of calls made from mobile devices to the NTS service bureau have also been increasing from just under 25% a few years ago to currently over 60%. Wireless companies see the traditional telephone/Land Line business shrinking and have been re-establishing themselves in other businesses. We at NTS

share that outlook.

Identifying calls made from personal devices creates new marketing opportunities for both current and new phone entertainment services. Voice, text, VoiP and text invite promotions are but a few of the exciting new product enhancements NTS is working on to redefine tele-services entertainment.

**Sincerely,**

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