



Networking Solution Providers

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# Networking Now, February 2009

## Google Takes To The Sea

*Inside this issue:*

**Google Takes to the Sea 1**

CBS News correspondent Daniel Sieberg reported recently that Google was adding an ocean feature to Google Earth. This amazing feature allows users, once they have downloaded Google Earth, to see an underwater landscape based on actual data. The images have been cleaned up a bit for better visibility.

You can also click on icons to see photos and sometimes video of endangered species, like the Goliath Grouper, or even an odd-looking type of shrimp off the coast of Spain. There's even a fish GPS -- you can follow creatures that have been tagged, from above the water or below it. A worldwide network of scientists will be constantly adding video, photos, and underwater topography.

**Digitalizing Health Records 2**

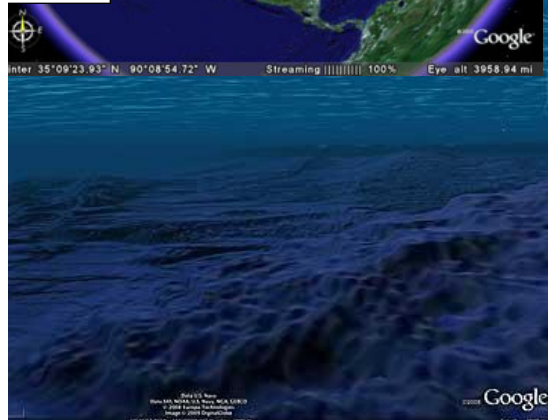
"Just as Google Earth has connected people to far off places and made them real, this is going to connect people to the ocean, and make it a much more real and accessible place," said Marine Biologist Stephanie Wear, from the Nature Conservancy.

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## Digitalizing Health Records: A Tricky Task



**On a side note: If your office is looking into going to a digital record keeping system, call us and we can lend you a hand!**

As part of his plan to revitalize the economy, President Obama has proposed a 5 year plan to digitalize all medical records. This plan could create 212,000 jobs but would be very costly. Only about 8% of hospitals and 17% of physicians currently use a digital health records system.

Independent studies from Harvard, RAND and the Commonwealth Fund have shown that such a plan could cost at least \$75 billion to \$100 billion over the ten years they think the hospitals would need to implement program.

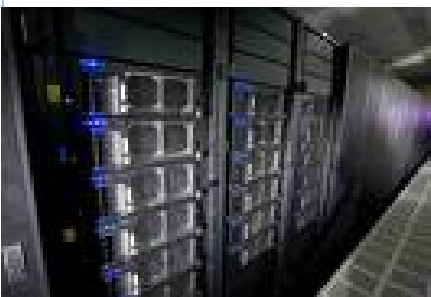
Furthermore, ensuring the privacy of patients' records in a nationalized computer network will be tricky. There are obvious concerns about hackers and system failures.

And new online health record systems, such as Google Health are not currently subject to the Health Insurance Portability and Accountability Act, the national health privacy law.

"HIPAA was never intended for the digital age, because the laws never anticipated the emergence of Web-based records," said Brailer. "Congress can pass one of numerous policy proposals for change, it's just a question if they have the will to do that."

The whole structure has already been developed," said Stephen Schoenbaum, executive director of The Commonwealth Fund's commission on a high performance health system. "It's feasible to at least make a lot of progress on this in the next five years."

## United States Hires IBM To Build Super Computer



The United States has hired IBM to build a super computer with more power than ALL of the super computers on the top 500 Supercomputer list combined! The planned Sequoia system, capable of 20 petaflops, will be used by the U.S. Department of Energy in its nuclear stockpile research. The fastest systems today can only reach 1 petaflop, a remarkable achievement in its own right that was met only last year.

It "is the biggest leap of computing capability ever delivered to the lab," said Mark Seager, assistant department head for advanced technology at the Lawrence Livermore National Laboratory in Livermore, Calif.,

where the system will be housed. It's expected to be up and running in 2012.

IBM is actually building two supercomputers under this contract. The first one, to be delivered by midyear, is called Dawn and will operate at around 500 teraflops. Researchers will use Dawn to help prepare for the larger system.

The world's first computer to break the teraflop barrier was built at Sandia National Laboratories in 1996. A teraflop equals a trillion floating points a second; a petaflop is 1,000 trillion (one quadrillion) sustained floating-



# Calling All Gamers



## Top 10– Revolutionary Games

- 10– Final Fantasy 1
- 9– Tony Hawk’s Pro Skater
- 8– Wolfenstein 3D
- 7– Grand Theft Auto 3
- 6– Neverwinter Nights
- 5– Dune 2
- 4– Super Mario 64
- 3– Legend Of Zelda
- 2– PONG
- 1– Virtual Fighter

## Top 10– Anticipated Games of 2009

- 10– Bioshock 2
- 9– Street Fighter 4
- 8– Starcraft 2
- 7– MadWorld
- 6– Heavy Rain
- 5– Bayonetta
- 4– Uncharted 2
- 3– Resident Evil 5
- 2– Call of Duty 5
- 1– God of War 3

## Top 10– Virtual Reality Games

- 10– A-10 Cuba
- 9– Destruction Derby 2
- 8– G-Police
- 7– Interstate 76”
- 6– MechWarrior 2
- 5– Outlaws
- 4– Quiver
- 3– Sim Copter
- 2– Tomb Raider 2
- 1– World Cup 98’

## Cisco Announces Support for EnergyWise

As of January 27th of 2009, Cisco has been in support of a new effort named EnergyWise, which aims to more effectively manage energy consumption.

The new efforts from Cisco together aim to capitalize on enterprises' efforts to save money by consolidating their networking assets -- doing more with less. That's become an important mantra for IT shops struggling to cope with the economic downturn and slashed budgets. For Cisco, the thinking is that it can cash in by positioning the network as the hub for regulating a large portion of enterprises' energy use.

"This is really about the notion that the network is the platform," William Choe, Director of Ethernet Switching told *InternetNews.com*. "Given the pervasiveness of networks and given that anything that connects to the network has a centralized platform, the network provides the multiplier effect on how

you can deliver energy savings."

Cisco is planning on rolling out the EnergyWise program in stages, with the first stage available in February for Power over Ethernet (PoE) devices, which already are controlled by Ethernet connectivity, with power and data traveling over the same cable.

Starting in the summer of 2009, Cisco will begin expanding the program to non-PoE devices. Choe explained that the plan is to have a software agent that would interact with Cisco EnergyWise for power management on personal computers and peripherals.

By 2010, Cisco said it expects to expand the effort even further, adding support for building infrastructure control elements like lights, elevators and heating, ventilation and air conditioning (HVAC) systems.



Green meets the tech world as Cisco plans EnergyWise Program

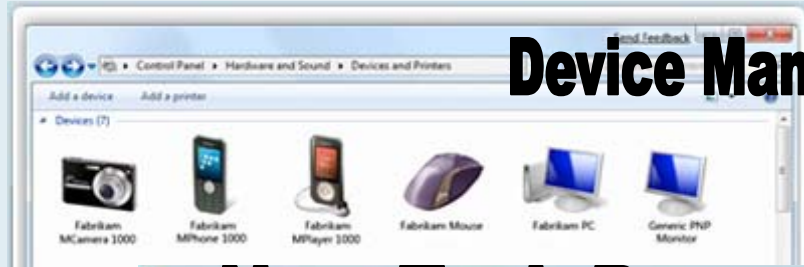
**Way to go Cisco!!!**

## Spotlight: Windows 7

Windows 7, still in Beta form, will be released soon. So, what can consumers expect of this feedback driven operating system?

Window's 7 Features:

- Improved Task Bar
  - Jump Lists
- Internet Explorer 8
  - Windows live
- Better Device Management
  - HomeGroup
  - Faster
- Extended Battery Life
- Sharing Music and Videos
  - Window's Touch



### Device Manager



### New Task Bar



### Themes



### Window's Touch

For More Info: <http://www.microsoft.com/windows/windows-7/default.aspx>

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