

R&D Subcommittee

July 2009 Presentation

IT News and Tips



Cisco to complete in the blade servers market with 8-blade server, data storage and network system

Google Apps is now an Exchange-replacement; Users can even keep Outlook.
Video

The logo for Google apps, featuring the word "Google" in its multi-colored font followed by the word "apps" in a blue sans-serif font.

Siemens AG has signed a software-as-a-service contract with SuccessFactors for 420,000 employees worldwide, marking one of the biggest deals yet for SaaS.

The logo for Siemens, consisting of the word "SIEMENS" in a bold, teal, sans-serif font.

The logo for SuccessFactors, featuring the word "SuccessFactors" in a bold, black, sans-serif font, with the tagline "People Performance" in a smaller font below it. To the right is a blue square icon with a white stylized human figure.

The official date on which Windows 7 will be available for general purchase is October 22, 2009
Businesses will be able to downgrade to Vista or XP until April 2011

- Releases several Service Packs:
- ✓ Vista SP2
 - ✓ Office 2007 SP2 (including Visio and Project)
 - ✓ SQL Server 2008 SP1
 - ✓ SQL Server 2005 SP3
 - ✓ WS2K8 SP2

Desktop market share for April 2009 ^[1]
Total Windows - 87.90%
Windows XP - 62.21%
Windows Vista - 23.90%
Windows 2000 - 1.15%
Windows 7 - 0.24%
Windows 98 - 0.17%
Windows NT - 0.11%
Windows Me - 0.11%
Windows CE - 0.05%
Non-Windows - 12.10%

New products

WI-FI THROUGHPUT: WHAT'S AVAILABLE NOW

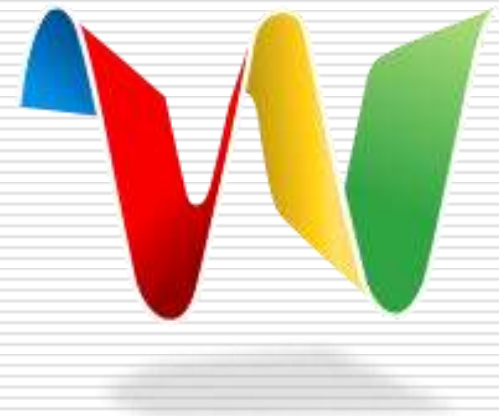
SPECIFICATION	THROUGHPUT	FREQUENCY	COMPATIBILITY
802.11b	11 Mbps	2.4 GHz	Works with 802.11g
802.11g	54 Mbps	2.4 GHz	Works with 802.11b
802.11a	54 Mbps	5 GHz	Works with 802.11n
802.11n	Ranges from 150 to 600 Mbps	Either 2.4 GHz or 5 GHz	Works with 802.11a, b, or g

Coca-Cola is setting up RFID-based dispensers:

- at fast-food restaurants
- starting at CA, GA and UT
- they run Windows CE
- they will offer 100 choices
- each contains 30 cartridges
- using wireless network to send new drink formulas
- dispensers collect data and send them to Coke's SAP system in Atlanta



New products



Google Wave:

A "personal communication and collaboration tool" announced on 27 May 2009. It is a [web based service](#) and [computing platform](#) designed to merge [e-mail](#), [instant messaging](#), [wiki](#), and [social networking](#).

New products

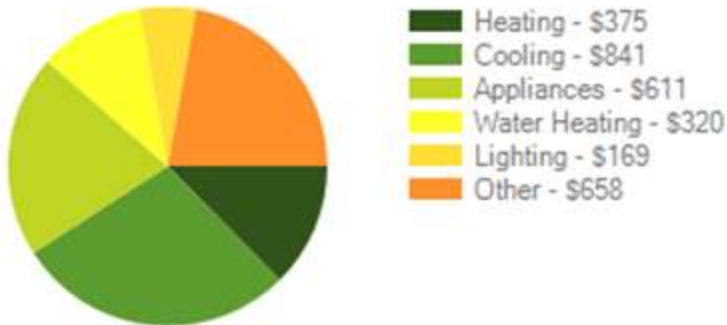


Microsoft Hohm:

free Web-based beta application that helps save energy and money. It helps you better understand your home energy usage and get recommendations to conserve energy.

www.microsoft-hohm.com

Energy Cost Breakdown In Your Area*



Average Annual Energy Costs In Your Area



New products

□ Windows 7 videos:

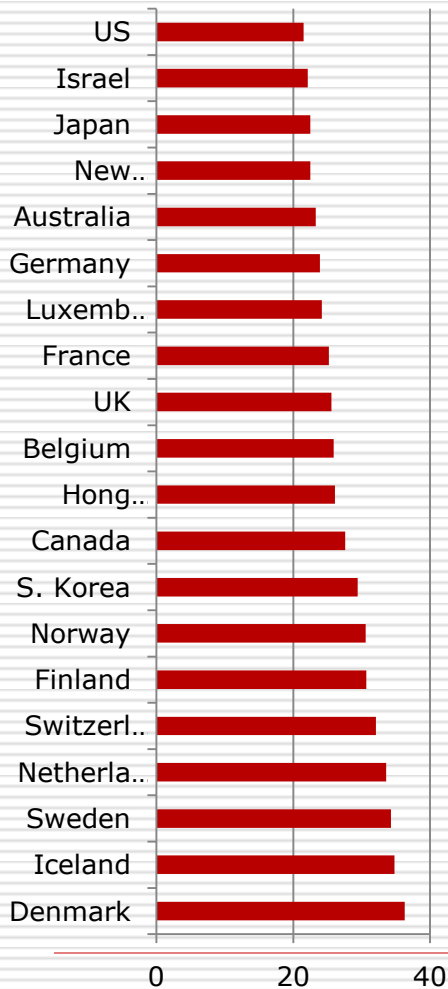
<http://www.microsoft.com/learning/silverlight/learningsnacks/win7/snack01/Default.html>



IT Stats



Internet users per 100 people



comScore Core Search Report*
 April 2009 vs. March 2009
 Total U.S. – Home/Work/University Locations
 Source: comScore qSearch

Core Search Entity	Share of Searches (%)		
	Mar-09	Apr-09	Point Change Apr-09 vs. Mar-09
<i>Total Core Search</i>	100.0	100.0	N/A
Google Sites	63.7	64.2	0.5
Yahoo! Sites	20.5	20.4	-0.1
Microsoft Sites	8.3	8.2	-0.1
Ask Network	3.8	3.8	0.0
AOL LLC	3.7	3.4	-0.3

The 10 dumbest mistakes network managers make



- 1. Not changing the default passwords on all network devices.**
- 2. Sharing a password across multiple network devices.**
- 3. Failing to find SQL coding errors.**
- 4. Misconfiguring your access control lists.**
- 5. Allowing nonsecure remote access and management software.**
- 6. Failing to test noncritical applications for basic vulnerabilities.**
- 7. Not adequately protecting your servers from malware.**
- 8. Failing to configure your routers to prohibit unwanted outbound traffic.**

IT NEWS



□ Microsoft confirms attacks against IE6, IE7

Hackers are exploiting an unpatched bug in DirectX, Attacking IE.

Microsoft promised it would patch the bug, Maybe by July 14
In the Meantime a tool to fix it can be downloaded from [Microsoft's support site](#).

□ Cisco's new-market ambitions extend into orbit

The company expects satellite-based routers to change global communication.

One is scheduled to launch by the end of this year -- in a very literal way.

Currently the satellites carry Internet data and connect to the Internet through base stations on the ground, but they are really a separate network.

If communications satellites had routers, they could take in IP (Internet Protocol) packets and send them to a variety of places, via different Earth stations or other satellites.

~~Routing in space would also cut down on lag times.~~
It makes satellites smart, and it avoids hops