

R&D Subcommittee

July 2010

IT News - Google



Partners with VMWare to boost up Google App Engine.

Example, later in 2010: hosted SQL databases and SSL on your company's domain for secure communications

Mahindra Satyam, the soccer tournament's official IT services provider, is responsible for safeguarding 160,000 users, the distribution of 3 million tickets, and 40 terabytes of data



Windows 7 SP1 and WS2K8 R2 SP1 to arrive in July – mostly a compilation of updates and security fixes

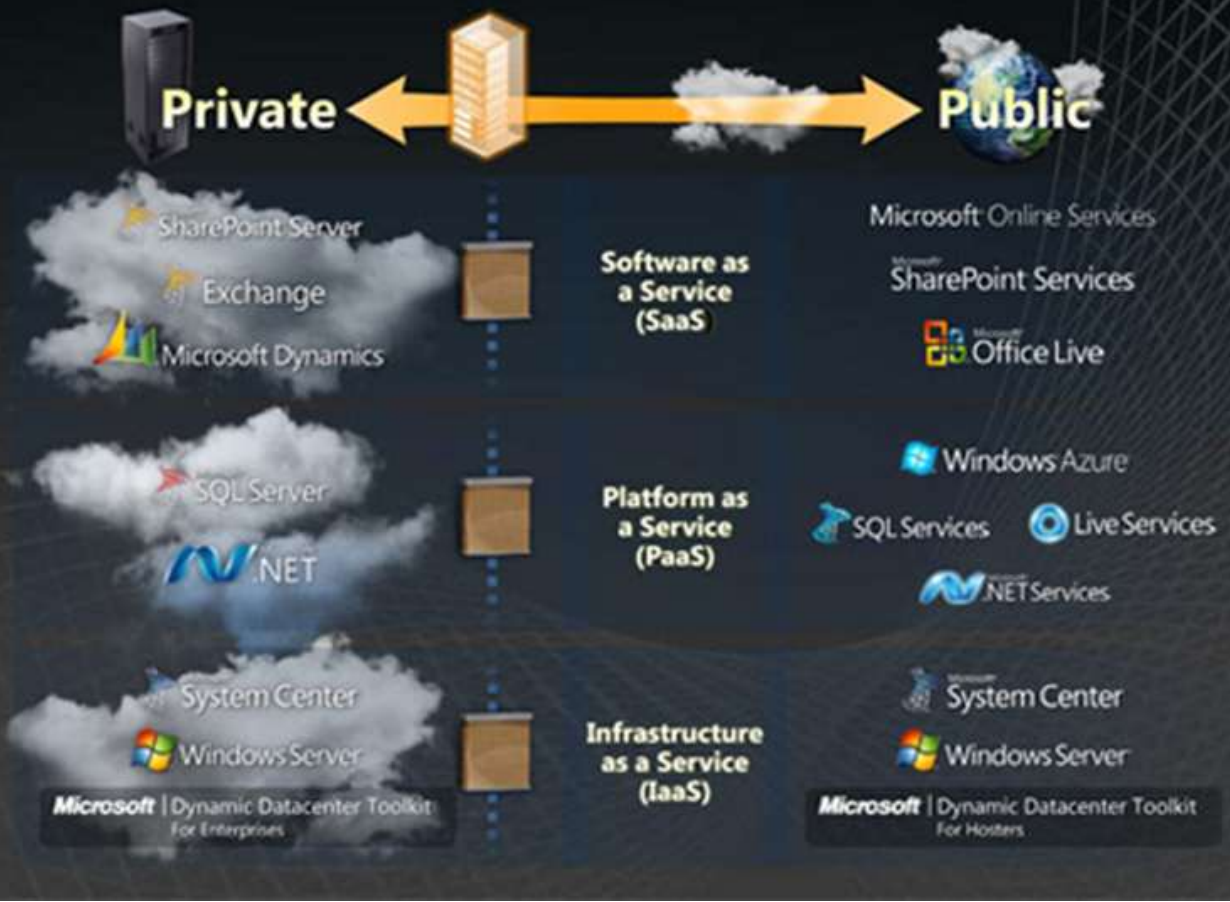
HP buyout of Palm officially complete



Microsoft and the Cloud



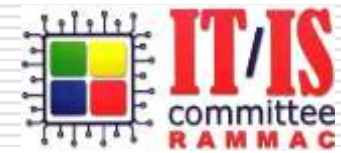
Microsoft's Cloud Continuum: Choice



Office Web launched: users can now access versions of Word, Excel and PowerPoint. Office.live.com

We'll be running 85 to 90 percent of our apps in the cloud this decade. MS examples: Windows Azure and the Business Productivity Online Suite (BPOS), where most of MS 90K employees are moving.

World Digital Library – wdl.org



LANGUAGE

English

BROWSE

[Place](#) | [Time](#) | [Topic](#) | [Type of Item](#) | [Institution](#)

SEARCH



Operated by UNESCO and US Library of Congress. Promote multilingual Internet content such as manuscripts, maps, books, musical stores, recordings, films, prints, photographs. It has links to country institutions (libraries, museums, etc.)

Google Chrome to arrive Fall 2010



User Interface: minimal space. Combine apps w/ std Web pages
Three-tier architecture: firmware, browser and window manager
It'll support hard-disk drives but prefers SSDs
Printing: Google Cloud Print – any app on any printer – no drivers
Adobe Flash integrated
Compatible HW: HP, Acer, Adobe, Asus, Lenovo, TI, Freescale, Intel, Samsung, Qualcomm

New products: Apple's iPhone 4



Data protection – Use new data protection APIs if a device is compromised.

Mobile device management – Configure and monitor compliance with corporate policies, even wipe or lock them.

Wireless app distribution – Host and distribute apps to employees over Wi-Fi & 3G. Update w/o connecting to PCs.

SSL VPN support - Connect seamlessly to a corporate network via VPN on Demand. Forthcoming apps from Juniper and Cisco will support SSL VPN on iPhone.

Mail improvements - Set up multiple Exchange accounts – works w/ Exchange Server 2010. With the new unified inbox feature, users can see messages from all their email accounts conveniently displayed in a single inbox.

Better battery life - This is critical.

Multitasking - Being able to quickly flip between email and Web pages or between an IM conversation and a business dashboard app is great. The iPhone 4 finally catches up to Android and Palm Pre in this department.

Tethering - This feature is big for highly mobile professionals. Now AT&T is on board

Improved camera - digital zoom, LED flash, MP from 3 to 5

New Services: Internet in the Air



By June 2010, about 1200 aircraft provide the service.

Average \$5 / flight or \$40 / month.

Ground-to-air cellular towers w/ EVDO signal.

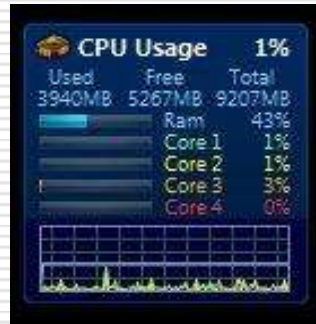
Shared 3.1 Mbps per plane (Aircell) or 30Mbps (Row44).

Aircrafts equipped w/ three antennas, router and WAPs.

Companies: Aircell.com and Row44.com

Windows 7 Gadgets

All CPU meter



MiniTV



Orb clock



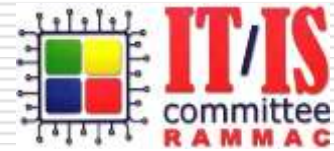
Magic Folder



Open/Close DVD



Windows 7 Gadgets



Ultimate Explorer (explore Web sites w/o visiting them)

Clipboard manager



<http://blogs.techrepublic.com.com/10things/?p=1552&tag=nl.e071>

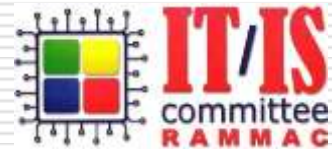
Server Sales Stats



Top 5 Corporate Family, Worldwide Server Systems Factory Revenue, First Quarter of 2010 (Revenues are in Millions)

| Vendor | 1Q10 Revenue | 1Q10 Market Share | 1Q09 Revenue | 1Q09 Market Share | 1Q10/1Q09 Revenue Growth |
|--------------------|-----------------|-------------------|----------------|-------------------|--------------------------|
| 1. HP | \$3,386 | 32.5% | \$2,912 | 29.3% | 16.3% |
| 2. IBM | \$2,869 | 27.5% | \$2,903 | 29.2% | -1.2% |
| 3. Dell | \$1,697 | 16.3% | \$1,117 | 11.2% | 51.9% |
| 4. Sun | \$683 | 6.6% | \$1,004 | 10.1% | -31.9% |
| 4. Fujitsu | \$677 | 6.5% | \$663 | 6.7% | 2.2% |
| Others | \$1,104 | 10.6% | \$1,354 | 13.6% | -18.5% |
| All Vendors | \$10,417 | 100% | \$9,953 | 100% | 4.7% |

The Future of IT depts



Client Network

90+% of the Fortune 100

85% of the Fortune 500

50+ countries represented

4,800+ participating organizations

200,000 business leaders

25+ years of experience

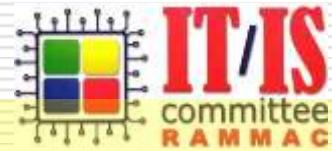


The Corporate Executive Board enables superior business outcomes by delivering authoritative data and tools, best practice research, and peer insight to the leaders of the world's great enterprises.

With more than 300,000 corporate best practices, 1,500 benchmarking datasets, and 11,500 analytical tools, the Corporate Executive Board serves senior-most executives across the Human Resources, Legal, Finance, Information Technology, and Sales and Marketing functions and their management teams within the world's top corporations, financial services institutions, government agencies, and not-for-profit organizations

Summary: By 2015, many IT departments will only be a quarter of their current size, and eight out of ten IT dollars going to outside service providers.

The Future of IT depts



Five shifts:

- 1) Information over process:** IT ubiquitous as electricity; advantage comes from BI, collaboration, customer interface, not fm server farm
- 2) IT embedded in business service:** less visible as distinct, separate dept
- 3) Externalized service delivery:** by 2015, 80% of app expending will be in external services. IT pros shift from tech providers to tech brokers
- 4) Greater business partner responsibility:** IT business partners help companies gather competitive differentiation
- 5) Diminished standalone IT role:** IT roles migrate to business services, business roles or externalized. IT headcount falls by 75%. Strategy, architecture, risk, user support, will be at the business level, not IT functions