

K2 Enterprises®

Technology Update 2009

What is emerging in Digital Ink, Voice to Text and Social Networking

NEW FRONTIERS...

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The Next Cell Phone / PDA

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Polymer Vision's RADIUS

- The 3G HSDPA tri-band phone allows worldwide calls and high speed instant updates from personally selected news sources, special services and email.
- The Micro SD High Capacity storage ensures easy access to other favorite information and eBooks. RADIUS® also features phone as well as audio capabilities (such as MP3) for podcasts, audio books and music.

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The hottest selling Christmas present in 2008, stands to be even hotter in the years to com.

ELECTRONIC READERS

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Amazon Kindle Paved the Way

- Kindle 2
 - 1/3 of an inch thick
 - Longer battery life
 - Store 1500 books
 - Brighter high resolution 16 grayscale display
 - \$359 dollars.

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University Texts Go Kindle

Reference Manuals and Tax Code Next?

- Princeton, Yale, Oxford and UC Berkeley – creating textbooks for the Kindle.
- USA Today, Wall Street Journal, and many more newspapers available
- Time, U.S. News, Forbes and more magazines

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Real Time Information

- Kindle uses Whispernet, the Sprint EDVO backbone to deliver books and subscriptions at no additional charge.
- Others following such as the Sony reader and others like the jetbook for around \$300.



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Can the Newspaper be Saved?

- In order to survive, many large newspapers are exploring electronic distribution to Electronic Newspapers
- There are many working prototypes, such as the Gyricon version, which consists of a single sheet of transparent plastic, containing millions of tiny bichromal (two color) beads in oil-filled pockets.

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Not As Unlikely As You Think

- With recent breakthroughs in flexible displays you may be reading your paper on your way into work – on your shirtsleeve.



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Geek Toys Today...




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Interesting Side Note



- One of the discussions around electronic news is bringing back Micro Cash Transactions.
- The idea was proposed some years ago relating to games, but died down.
- Now people are talking about charging a few cents per article read.
- Novel Idea... but possible.

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Update on the Voice to Text and Text to Voice

CAN YOU HEAR ME NOW?

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Nuance Dragon Naturally Speaking

- Dragon Naturally Speaking 10 is the most successful product commercially
- Mobile/Medical Professional Version
 - Phillips VoiceTracer include.
 - Dictate and transfer to PC
 - Works O.K., but lots of training required



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Microsoft Listens

- Voice Recognition has been a part of OS since Windows 98, improving each time.
- Vista Speech Recognition works very well (training still required and no Digital Voice Recorder transcriber we have found.)
- Start/All Programs/Accessories/Ease of Access/Speech Recognition.
- Speech was in Office 2003 and earlier, but not in Office 2007. Works completely in Office Via Vista.



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Microsoft Vista Speech Recognition



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Sure you are sociable, but are you connected? Being a part of the new Social Networking infrastructure may be critical to your business and your career. No Kidding!

SOCIAL NETWORKING

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Social Networking

- Those kids playing on the computer all the time instead of being outside playing with their friends. What ever became of them?
- Well they grew up playing Massive Multiplayer Games and IM each other.
- Today this generation communicates more than previous generations ever imagined. Or wanted to.

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The Intergenerational Gap

- Social Network Sites allow the rapid sharing and dissemination of information in real time.
- It all started with Instant Messaging on the PC and quickly spread to Texting using SMS on PDAs and Cell Phones.
- So today...

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How We Communicate

- Yes we still IM and Text but we all so Twitter and Blog.
- Social Networking Sites Dominate
 - MySpace, Oldest but loosing popularity
 - Facebook, Latest and very popular
 - LinkedIn, all business all the time.

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Socializing and Doing Business

- Facebook is a good example of mixing business and pleasure. Beginning as a social experience among friends, many businesses are now on Facebook.
- WebCAP, a.k.a. Accounting Tomorrow is just one example of reaching out to a young professional audience.

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Socializing and Doing Business

- It works like this
 - People join your Facebook to head what you are up to.
 - Join Twitter and send quick message to everyone who wants to hear from.
 - Twitter drive interested people to your Blog where you expound on what's happening now.
 - Blog begets your Web page and hopefully some business will come out of it.

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A Virtual Hug – NOT the same.

- Social Network has some interesting surprises. Take a virtual hug from one of the instructors daughters. He, sent her a virtual hug right back too!



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Living Your Life in 140 Characters

- Twitter is the latest phenomenon.
- There has even been a Twitter Festival, or Twestival conducted on February 12, 2009 taking place in over 100 cities around the world at the same time where Twitterers came together to meet for the first time (all for charity: water too.)

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Living Your Life in 140 Characters

- If you think this is all a little nuts, think again.
- The Twitter Resume is becoming very popular. Business Week ran an article asking for Twitter Resumes and it has blown into a full business.
- So, can you get your resume in 140 Characters?



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Social Media Leaks?

- search.twitter.com
- Facebook status messages?

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What's new in Netbooks, Notebooks, Desktops and Thin Clients.
What's happening in your Data Center and is everything Virtual?

HARDWARE TECHNOLOGY UPDATE

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The NetBook Is Here

- Small footprint, 3 lbs or less, 8 – 12 inch screen (but 10" on average.)
- USB but no Optical Disk
- Wireless and Wired but cables are discouraged.
- Windows XP or Linux (Vista on heftier models only.) Usually 1 GB or Less
- Intel Atom Processor most popular.

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Leading NetBooks

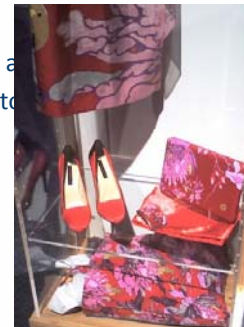
- Asus - Eee PC NetBook with
 - Intel® Atom™ Processor N270
 - 1GB Ram
 - 3 USB 2.0 Ports
 - 2-in-1 Card Slot
 - 802.11n Wireless and Wired 1000GB
 - Microsoft Windows XP Home
 - Around \$335



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Leading NetBooks

- HP Mini 1000
 - Color and style for a
 - Fashion has come to



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Notebooks' 2009

- 15" LCD or larger
- 4-6 GB RAM
- 160-500GB of Fixed Disks
- Webcam a must
- 802.11n + 10/100/1000 + (Bluetooth?)
- PC Express Card (34mm most likely)
- Entry: \$400 - \$800
- Fully Dressed: \$800 - \$1200
- Top End: \$1200 - \$2300

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HP TouchSmart tx2z series

- HP Leading Touch Screen Laptop
- Basic Unit Starts Around \$999
- A true tablet PC with 12" screen, 2-8GB RAM, Multi-touch AMD Dual-Core Processor, 160-500GB Disks, Webcam and Fingerprint Reader, Wireless-N and wired port.



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The Fat Client 2009

- \$300 to \$1050 Entry Level
- 1-4 GB of RAM
 - (6-8 Power User)
- 160- 1TB Fixed Disks



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The Thin Client

- Minimally Configured PC
- No fixed disk, external USB Ports, and soon – NO RAM.
- Boots to Network via ROM and runs a Virtual Desktop via Virtual Desktop Infrastructure or **VDI**...

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What is VDI?

- VDI is a solution in which your desktop image (i.e. your desktop) is loaded on a VM running on a hypervisor in a datacenter, and accessed remotely by an end user using a client (e.g. thin client)
 - Technical concept is similar to that of server virtualization
 - VDI concept is now being extended to include local VM running on a client hypervisor
 - VDI is focused on providing security, easy management, quick deployment, reliability, and cost savings – and essentially replacing a traditional PC
- In an ideal scenario, the user should not feel any difference between using a traditional PC or accessing a desktop image through VDI
 - Same features and same performance

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Components of VDI architecture

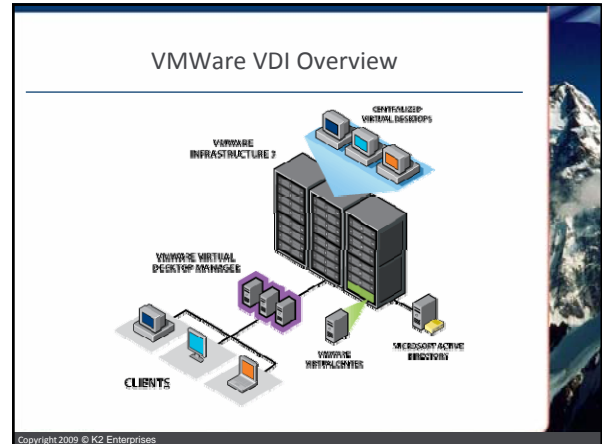
- Critical components
 - Hypervisor to run VMs (i.e. desktop images)
 - Client access devices
 - Protocol for communication between clients and VMs
 - Broker to allocate VMs appropriately to end users
- Other components
 - Application virtualization
 - OS and Application streaming
 - Protocols and extensions to provide richer user experience
 - Management
 - Preferably, one console to manage virtual and physical resources
 - Tools for Load balancing and Disaster recovery
 - WAN optimization and Security.

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Key VDI solutions

- VMware VDI, now expanded and re-branded to VMware View
 - New vClient initiative aims to create universal clients and let users access their “desktop” anywhere from any client
- Citrix XenDesktop
 - Microsoft VDI generally implies XenDesktop broker running on Hyper-V
 - Other Microsoft products focused on application virtualization and streaming

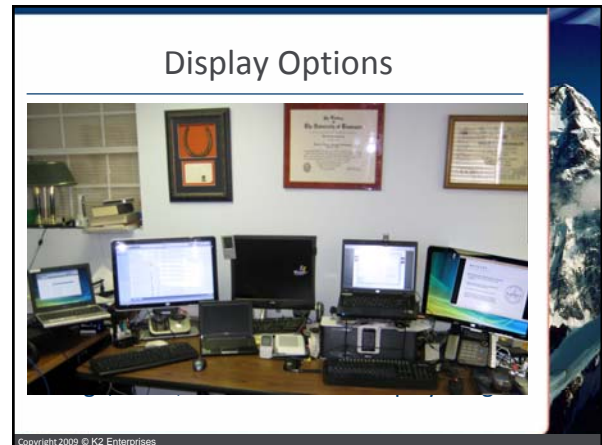
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Touch Screen

- Fujitsu and HP leaders now
- HP TouchSmart IQ800t series
- Priced around \$1649
- We will see a lot more of touch technology when Win 7 released.

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Why Wide?

Productivity Gains

- The additional width of widescreen LCDs improves office productivity by reducing window overlap.
- Business users can work more efficiently with fewer restraints on what they can and cannot see.
- Many applications can be opened side by side (2 full pages)
- Financial information including data, charts and graphs can be presented easily
- Users can browse multiple browser windows simultaneously

Market Trends

- The recent monitor market trend has been to go bigger, mainly from 17" to 19", or from 19" to 22" and more
- Televisions, notebooks and retail monitors have recently adopted wide format technology.

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WideScreens and Office Applications

The diagram shows various office applications running on wide screens, demonstrating how the extra width is utilized:

- Word Processing:** Display two text documents side by side.
- Email:** View the Folder List, Inbox and Reading Pane simultaneously.
- Digital Photo Editing:** View greater image detail or more images.
- Presentations:** View the Slide Sorter, Active Slide and Task Bar simultaneously.
- Spreadsheets:** Expand the number of viewable data columns.
- Internet Browsing:** View more information at a glance without scrolling left to right.

• The higher resolution is well-suited for office applications, where the increased viewing area allows for greater productivity.

- Viewing more pixels can increase productivity by decreasing need for scrolling and toggling
- More pixels makes it easier to view more open toolbars and windows to further improve productivity
- There's no obstacle to integrating the wide screen display format into the mainstream business

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Widescreen Monitors and Vista

Windows Sidebar

- The Windows Sidebar is a narrow panel that provides users with instant access to customizable mini-applications, offering information at a glance and providing easy access to frequently used tools.
- Sidebar is a productivity enhancement that is especially effective for widescreen users.





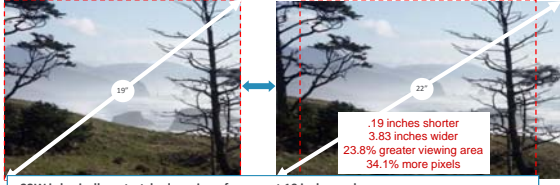
Vista Live Icons and IE Tabbed Browsing

- Windows® Document Explorer uses high-resolution thumbnails (Live Icons) that preview the document's content. Users know if the right document file has been selected without even opening it.
- Internet Explorer 7's Tabbed Browsing enhances web browsing with thumbnails as well.
- Live Icon and Tabbed Browsing improve browsing efficiency for widescreen users.

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Why 22" widescreen is the right size/panel to transition 19" LCD users

5:4 (Standard format)
16:10 (Wide format)



- 22W is basically a stretched version of a current 19 inch panel.
 - Vertically, a 19" panel and a 22W are the same size
- In terms of resolution, 22W gives the user 34% more useable pixels over a 19 inch!
 - 22W has 1680x1050 pixels, or 1.76MP
 - 19" has a 1280x1024 resolution, or 1.31MP
- 22W and 20 inch have a similar number of total useable pixels.
 - A 22W has 1680x1050 pixels, or 1.76 MP.
 - A 20" UXGA has 1600x1200 pixels, or 1.92MP
- Just an 8% difference in total pixels between the current 20" and the new 22W.

Tale of the Tape—19" Std Comparison

	19" Wide	19" Std	22" Wide
			
Height	10.05"	11.85"	11.66"
Width	16.07 "	14.82"	18.65"
Area	161.45 in ²	175.61 in ²	217.43 in ²
Resolution	1440 x 900	1280 x 1024	1680 x 1050
Pixel Count	1.296 mp	1.31 mp	1.764 mp
Panel Cost*	\$X - 18	\$X	\$X + 16

45 *June 2009

20" Transition Scenario #1

20.1" Standard (4:3)

11.95" (H) x 16.04" (W)

1600 x 1200

1.9 megapixel

191.68 in²

22" Widescreen (16:10)

11.66" (H) x 18.65" (W)

1680 x 1050

1.8 megapixel

217.43 in²

24" Widescreen (16:9)

11.77" (H) x 20.92" (W)

1920 x 1080

2.1 megapixel

246.17 in²

Standard

→

22" → 24"

.11 inches taller
2.27 inches wider
1.16% more pixels
13.2% greater viewing area

Standard

→

24"

.18 inches shorter
4.88 inches wider
10.5% more pixels
28.4% greater viewing area

20" Transition Scenario #2

20.1" Standard (4:3)

11.95" (H) x 16.04" (W)

1600 x 1200

1.9 megapixel

191.68 in²

20.1" Widescreen (16:10)

10.67" (W) x 17.06" (H)

1680 x 1050

1.8 megapixel

182.00 in²

24" Widescreen (16:9)

11.77" (W) x 20.92" (H)

1920 x 1080

2.1 megapixel

246.17 in²

Standard

→

20.1" Widescreen

1.28 inches shorter
1.02 inches wider
5.2% fewer pixels
5.1% small viewing area

24" Widescreen

.18 inches taller
3.86 inches wider
10.5% more pixels
28.4% greater viewing area
8.97 inches taller

Standard


→

24"

4.27 inches narrower
1.17% more pixels
35.3% greater viewing area

THE DATA CENTER

No matter if you have a single server, or many rooms of servers, you have a data center and the data must be protected at all cost.



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The Data Center

- Shrink number of Server via Virtualization
- Secure data via SAN and NAS storage
- Speed up data flow via Fiber and Cat 6
- Add 10GB Switches to unclog pathways
- Maintain strong firewalls
- Watch the evolution of Wireless only outside the Data Center.

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Blade Servers

- May Be Too Expensive Unless You Are Running 20 Plus Physical Servers
- Simple Blade Configurations Begin Around \$20K & Quickly Go Up
- IBM and HP leaders here
- Best Served With NAS Or SAN



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Container Based Servers

- Hook up in two hours, 2,000 CPUs, PUE 1.125



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Rack Servers

- Rack Mounted Models are Recommended For 4 To 20 Physical Servers. Towers OK for <3
- Higher-End Rack Mounted Servers To Run Virtual Servers Are Still \$7k - \$9k
 - Two virtualized servers will support about 100 users, and 16-24 equivalent physical servers
- Watch server sprawl
 - Consider virtualization
 - Switch to blades

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Rack Servers

- Dual-core or Quad-core Processor
- 6 – 8 – 16 Core over next 24 months
- 1.6 - 2.4 – 3.0 GHz
- 4 GB RAM (16 GB if virtualized)
- Dual Gigabit Network Connections (use BOTH!)
- Integrated VMware firmware on many models
- 300 GB 15,000 RPM RAID or external SAN



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Many businesses are leaving the Data Centers behind and moving their information to the cloud where it is safe, secure and affordable.

COMPUTING IN THE CLOUD

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Cloud Computing Growing

- Cloud computing is Internet ("cloud") based development and use of computer technology ("computing"), whereby dynamically scalable and often virtualized resources are provided as a service over the Internet. Users need not have knowledge of, expertise in, or control over the technology infrastructure "in the cloud" that supports them.

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Cloud Computing Growing

- The concept incorporates software as a service (SaaS), Web 2.0 and other recent, well-known technology trends, in which the common theme is reliance on the Internet for satisfying the computing needs of the users.
- The cloud is a metaphor for the Internet, based on how it is depicted in computer network diagrams, and is an abstraction for the complex infrastructure it conceals.

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New York Times document processing

The New York Times



- 4 terabyte archive with 11M docs to convert to PDF
- Harnessed 100 virtual servers at a cloud provider
- Converted the catalog in 24 hours of compute time
- Total cost for computing? \$240

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Pharma firm moves email to the cloud

Pharma firm moves email to the cloud

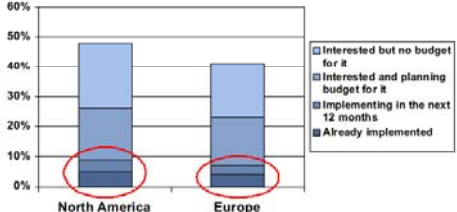


- **US Ph** - US Pharma company with 3,000 employees
- **Email** - Email upgrade & archiving costs drove them to look at cloud
- **Outsot** - Outsourced email and email archiving to LiveOffice.com
- **Three-year savings estimate: \$550,000**

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25% of enterprises are planning hosted deployments


"What is your company's highest level of awareness or interest in payer-use hosting of virtual servers (also known as cloud computing) at service providers such as Amazon Web Services, Savvis, or Mosso?"



Region	Interested but no budget for it	Interested and planning budget for it	Implementing in the next 12 months	Already Implemented
North America	~15%	~10%	~10%	~15%
Europe	~15%	~10%	~10%	~15%

Base: 962 IT decision-makers at NA and European enterprises

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Office Live Workspace

Get more from Microsoft Office and it's free

[Sign Up Free](#)

Save 100+ Office documents in one online place
Access your documents from almost anywhere
Find out more about the Office web applications
[Learn more](#)



Office Live Small Business

Everything you need to take your business online

[Sign Up Free](#)

Easily create a free website
Effortlessly market to customers
Effectively manage your business
[Learn more](#)

Sharing files, storing data in the cloud, securing information. Unified Messaging is not lost, it is just beginning.

SMALL BUSINESS IN THE CLOUD

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Small Business in the Cloud

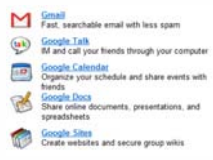
- Microsoft
 - Live Mesh
 - www.livemesh.com
 - Share and Sync files
 - Office
 - www.officelive.com
 - Small business solutions
 - Windows Live
 - www.windowslive.com
 - Sky Drive



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Small Business in the Cloud

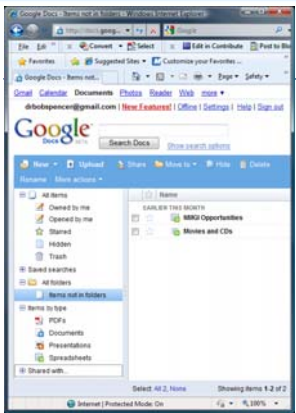
- Google
 - www.google.com/docs
 - Manage Mail, Calendars, Create your own website and wikis
 - Create and share documents, spreadsheets, and presentations



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Google Apps

- Store and Share files up to 25GB for free.
- Manage mail, calendars, and much more.



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Pull it together with Gladinet

Easy Access To Files

You may have files stored online. You may have files scattered on multiple PCs. Gladinet software brings all your files together to your Windows Desktop and your online desktop. Your files are following you wherever you go!

Use Web Applications Locally

Use online office to open local spread sheets. Use Paint Brush to open online images. Use online storages as if they were local folders. Gladinet software delivers web applications and online storages to your desktop.

Remote Access To Multiple PCs

Gladinet connects all your PCs together. You can access folders on multiple PCs from any one of them. You can also use remote access solutions such as RDP or VNC among them. Your PCs are always connected even when you are on the road.

On Demand Sharing With Friends

Sharing Files and Folders is as easy as sending an e-mail or an instant message. Your friends can view your shared files instantly and securely without any Gladinet software pre-installed. You can share both local and online files.

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Software as a Service is Real.





NETSUITE
ONE SYSTEM. NO LIMITS.

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Data Centers Vs. Hosting or Cloud

Hosting

- InSynq
- Right Networks
- Real Time Bookkeeping
- Real Time Data Services

Cloud

- Microsoft Azure
- Amazon S3
- Force.com
- Google
- Alamo National Laboratory

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Real Time Data Services LLC

"Managed IT Service and Support Solutions for Accounting Firms"

- ONLY firm offering a "single-source" solution to the accounting market providing both technology support and accounting BPO capabilities
- Has developed comprehensive "service-mix" of hosted solutions providing 24x7 help desk support so applications and data are "online" all the time
- Partners with leading accounting and industry consultants offering generous referral commissions
- Rapidly growing organization with unique solutions
- Global Delivery Model

www.myrealdata.com


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Real Time Data Services LLC

Key Products and Services:

- Application Hosting Solutions for CPA's
 - QuickBooks, Sage, MS Dynamics GP
 - All popular business productivity applications
 - All tax and QB Add-on applications hosted
- Workgroup Collaboration Tools
 - MS Exchange (including spam & virus protection)
 - MS SharePoint Services for Accounting
- Dedicated Workgroup Servers
- Network Operations Centers – U.S. & India
 - 24x7 Help Desk and remote support

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The number of paper documents are rapidly decreasing, but not completely so we need personal, group, and department level scanners. Here are the latest recommended scanners of business use.

SCANNER UPDATE

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Fujitsu Offerings



- fi-6130
 - 40ppm scanning in monochrome and grayscale
 - 300 dpi color scanning at 30ppm / 60ipm
 - Advanced paper handling technology for the ultimate in feeding reliability
 - 50-page Automatic Document Feeder (ADF) with enhanced hard embossed card scanning
 - Kofax® VRS® Professional, Adobe® Acrobat® Standard, and ScandAll Pro
 - One-year Limited Warranty with available Advance Exchange program


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ScanSnap S500

<p>ScanSnap S500 Sheet-Fed Scanner</p> <p>Personal PDF Scanner, price range: \$400</p> <p>Features: Generates only PDF files to attached PC. Not a portable scanner but small enough to carry into the field.</p> <ul style="list-style-type: none"> ✚ Output resolution: Up to 600 dpi ✚ Speed: (Color 150dpi, B&W 300dpi) 18 pages per minute / 36 images per minute duplex ✚ Paper Size: A4 to custom sizes ✚ Capacity of ADF: Up to 50 sheets ✚ Interfaces: USB 2.0 	
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ScanSnap S300

<p>ScanSnap S500 Sheet-Fed Scanner</p> <p>Portable personal PDF Scanner, price range: \$350</p> <p>Features: Generates only PDF files to attached PC. Portable scanner, will run off of USB power only.</p> <ul style="list-style-type: none"> ✚ Output resolution: Up to 600 dpi ✚ Speed: (Color 150dpi, B&W 300dpi) 18 pages per minute / 36 images per minute duplex ✚ Paper Size: A4 to custom sizes ✚ Capacity of ADF: Up to 50 sheets ✚ Interfaces: USB 2.0 	
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Fujitsu Offerings



- **fi-6140**
 - 60 ppm scanning in monochrome and grayscale
 - 300 dpi color scanning at 40 ppm/80 ipm
 - First scanner in its class to offer Intelligent MultiFeed Function (iMFF) as well as advanced Paper Protection technology
 - 50-page Automatic Document Feeder (ADF)
 - Kofax® VRS® Professional, Adobe® Acrobat® Standard, and ScandAll Pro imaging software

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Fujitsu Offerings



- **Fujitsu fi-6230 Sheet-Fed Scanner**
 - Fast, 40ppm scanning in monochrome and grayscale
 - 300 dpi color scanning at 30ppm / 60ipm
 - Advanced paper handling technology for the ultimate in feeding reliability
 - 50-page Automatic Document Feeder (ADF) with enhanced hard embossed card scanning
 - Kofax® VRS® Professional, Adobe® Acrobat® Standard, and ScandAll Pro
 - One-year Limited Warranty with available Advance Exchange program


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Fujitsu Offerings



- **Fujitsu fi-6240 Sheet-Fed Scanner**
 - 60 ppm/120 ipm scanning in monochrome and grayscale
 - 300 dpi color scanning at 40 ppm/80 ipm
 - MultiFeed Function (iMFF) as well as advanced Paper Protection technology
 - 50-page Automatic Document Feeder (ADF) with enhanced hard and embossed card scanning; easily scans credit or healthcare cards)
 - Kofax® VRS® Professional, Adobe® Acrobat® Standard, and ScandAll Pro imaging software
 - One-year Limited Warranty with available Advance Exchange program

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What you don't know about printing could be costing your hundreds or even thousands of dollars annually.

PRINTER UPDATE

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What's new in Printing?

- Ink Jet Printers are beginning to rival laser jet printers for durability, quality, and longevity.
 - For Example, HP Viverna pigment inks enable customers to print photos and documents that will resist fading for more than **200 years** on a variety of media.⁽¹⁾
- Insure you are purchasing quality Pigment inks for the longest life, Pigmented Inks for shorter, but adequate life, and Dye inks are cheaper but offer much shorter useful life expectancy.

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Know your Cartridge

- It seems there are as many printer cartridge styles as there are stars in the sky. Maybe more.
- Recent studies indicated that when the printer tells you it is time to replace the cartridge, that here was still as much as 40% of the ink left.
- Buying Printers that use a single color cartridge can waste you significant amounts of money on cartridge replacement.

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The Best InkJet Printers for 2009?

PCWORLD Article February 2009

- HP Photosmart C5280 All-in-one
- HP Photosmart C6380 All-in-one
- HP 6310 All-In-1 Officejet Printer
- HP Officejet 7400 All-in-One series
- HP (Hewlett-Packard) OfficeJet Pro L7780 All-in-One Printer
- \$99-\$299



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Ultra Mobile Devices, PDAs, Cell Phones. Taking your data with you is easier than ever so we found a few things you might need.

MOBILE TECHNOLOGY

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Digital Entertainment Content Ecosystem—DECE

- DECE was formed in the summer of 2008 with the sole purpose of creating a standard that allows you to purchase a movie once and play it on all your devices.
- DECE is in the very early stages today. While the promise is exciting, the partner companies—including Microsoft, Intel, Paramount, NBC Universal, Comcast, Samsung, and HP, to name just a few—have barely begun work on the technical nuts and bolts; the eventual format doesn't even have a name yet.

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Talk Talk Talk

- Skype 4.0
 - Audio and Video calling
 - Conference Calls
 - Lots of add-ins
- VoSKY
 - VoSKY Exchange PBX-to-Skype application gateways to connect to Skype, the world's largest and most reliable VoIP network. Companies around the world have substantially reduced communications costs and enhanced business communication and collaboration with customers, partners and employees worldwide utilizing the following Skype for business solutions powered by VoSKY.

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Talk Talk Talk

- Vonage
 - Full server phone services via your Internet connection.
 - Take it with you when you go.
 - All the features you expect from a land line.


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Cell Phone Update

- iPhone II expands outside the U.S.
- Palm kills its ancient Treo OS and releases PRE as an iPhone Killer
- Android beginning to makes its way in to the stream but slower than most would have hoped.



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Microsoft "Win 7" and Microsoft "Office 14" seem to be around the corner. What should you expect and will it be time to move?

SOFTWARE UPDATE

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Win 7

- Technical update of Vista
- Major changes to Task Bar and Tray
- Smaller
 - Non-essentials moved to the web for free download, or additional fee
- Legacy hardware compatible
 - Tested in as little as 512MB of RAM
- Current rumor is that anyone who purchases a new computer after July 1, 2009 can upgrade for free.



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Office 14

- Planned release with Win 7
- Touch technology
 - More commercial/consumer oriented
- Office Essentials and Office for the Web are a high likely.
- Pieces are already being put in place.

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Software as a Service (SaaS) Applications

<ul style="list-style-type: none"> • Accounting <ul style="list-style-type: none"> – BillBoss – QuickBooks Online + – SAP Business By Design • Paperless <ul style="list-style-type: none"> – Bill.com – Global Document (CCH) – GoFileRoom ES (Thomson) – SmartVault – XCM Workflow • Analytics <ul style="list-style-type: none"> – iLumen – NeoClarus – SageWorks ProfitCents – SecondCentury Analytics – The Business Analyst 	<ul style="list-style-type: none"> • Audit <ul style="list-style-type: none"> – AverQ – Capital Confirmation – ExpressoCorp – Disclosure and Reporting Manager - CPA ServiceGroup • 1040 Workpaper <ul style="list-style-type: none"> – Copanion GruntWorx – SurePrep 1040Scan • Tax <ul style="list-style-type: none"> – Global fx Tax – GoSystem Tax ES • Sales Tax <ul style="list-style-type: none"> – Avalara AvaTax – SpeedTax
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CPA Firm Software

<ul style="list-style-type: none"> • Wolters Kluwer (CCH) • Thomson Reuters • Intuit • CaseWare • TPS • Drake • ProStaff 	<ul style="list-style-type: none"> • 1040 Workpapers <ul style="list-style-type: none"> – SurePrep 1040 Scan – CCH Scan – Copanion GruntWorx • Workflow <ul style="list-style-type: none"> – XCM – MetaStorm • Scheduling <ul style="list-style-type: none"> – WSG
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CPA Firm Technology Solutions

www.cpafirmtech.com

- Product Lists
- Rankings
- End User Satisfaction Surveys
- Hardware And Software Recommendations
- News, Blogs, CPA Programs

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We love finding the best tools and software to help you. We enjoy it even more if it is free. So here is the best of the best.

**CLEAN SYSTEMS AND NETWORKS
ARE LITTLE OR NO COSTS**

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Clean it up and keep it?

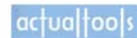
- CCleaner www.ccleaner.com
 - CCleaner is a **freeware** system optimization, privacy and cleaning tool.
 - It removes unused files from your system - allowing Windows to run faster and freeing up valuable hard disk space.
 - And, contains a fully featured registry cleaner.



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Actual Window Minimizer

- Actual Window Minimizer is a small but powerful utility which is only needed to be installed to bring the minimize-to-tray ability online in a most quick and easy way: it adds an extra **Minimize-to-Tray** button to *every window's* title bar so that you can send any window to the system tray in a single mouse click!
- \$20 after 60 day trial.



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A Few More Goodies

- Try DuplicateMusicFiles, <http://www.lcibrossolutions.com/>, to help identify and recover some much needed disk space.
- If file duplication is your problem, not just music files, then you might try Easy Duplicate File Finder, <http://www.easyduplicatefinder.com/>, to identify and remove duplicate files.

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Clean up your network and Internet

- Spiceworks IT Desktop, www.spiceworks.com, is a great tool as is Xirrus Wi-Fi Monitor, find out more and download it from <http://lifehacker.com/5054802/xirrus-wi-fi-monitor-detects-wireless-networks>.
- Download either Ad-Aware 2008, www.ad-aware.com, or Trend Micro's HijackThis, http://www.download.com/Trend-Micro-HijackThis/3000-8022_4-10227353.html.

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