




Windows VISTA


What You Really Need To Know

K2 Enterprises

Copyright 2007 © K2 Enterprises®




Memorable Quote




"This is the easiest-to-use version of Windows yet, and will help bring the power of the PC to new users world-wide."

Bill Gates Referring To Windows 98

Copyright 2007 © K2 Enterprises®




Memorable Quote




"Today we unveil the future of computing... with constant and intense use, the operating system never failed in a 90-day test."

Bill Gates Referring To Windows 2000

Copyright 2007 © K2 Enterprises®




Memorable Quote




"We are entering an exciting new era of personal computing... This powerful new version of Windows offers so much to customers."

Bill Gates Referring To Windows XP

Copyright 2007 © K2 Enterprises®



Memorable Quote




"This is by far the most important release of Windows ever. It's also the highest quality release that we've ever done."

Bill Gates Referring To Windows Vista

Copyright 2007 © K2 Enterprises®



Is Vista Just Hype?



Copyright 2007 © K2 Enterprises®

Consider The Numbers...

- 300 million PCs equipped with Vista over first 24 months
- By end of 2009, 56% of all PCs equipped with Vista
- Projected PC sales growth rate of 9.9% per year means more Vista users downstream
- Have you tried to buy an XP machine lately?

Copyright 2007 © K2 Enterprises®

Agenda

- Features and versions
- Top reasons to upgrade or migrate
- Top reasons to stay put
- Migration or upgrade strategies and considerations

Copyright 2007 © K2 Enterprises®

Vista Features

- Aero
- Instant Search
- Internet Explorer 7
- Windows Defender
- Windows Firewall
- BitLocker Drive Encryption
- DVD Maker

Copyright 2007 © K2 Enterprises®

Vista Features

- Meeting Space
- Complete PC Backup and Restore
- Sidebar and Gadgets
- Improved Networking
- ReadyBoost
- Fax and Scan
- Mobility Center

Copyright 2007 © K2 Enterprises®

Versions

- Home Basic
- Home Premium
- Business
- Ultimate
- Enterprise

Copyright 2007 © K2 Enterprises®

Features by Version

Features	Home Basic	Home Premium	Business	Ultimate	Enterprise
Windows Defender and Windows Firewall	✓	✓	✓	✓	✓
Instant Search and Internet Explorer	✓	✓	✓	✓	✓
Aero Glass and Windows Flip 3D Live Taskbar Thumbnails		✓	✓	✓	✓
Windows Mobility Center Tablet PC Support		✓	✓	✓	✓
Windows Meeting Space	View Only	✓	✓	✓	✓
Windows Media Center		✓		✓	
Windows Complete PC Backup and Restore			✓	✓	✓
Scheduled Backup		✓	✓	✓	✓

Copyright 2007 © K2 Enterprises®

Features by Version

Features	Home Basic	Home Premium	Business	Ultimate	Enterprise
Remote Desktop Connection	Client Only	Client Only	✓	✓	✓
Network and Sharing Center	✓	✓	✓	✓	✓
Simultaneous Peer Network Connections	5	10	10	10	10
Join Domain			✓	✓	✓
Offline Files and Folders			✓	✓	✓
Encrypting File System			✓	✓	✓
Windows Shadow Copy			✓	✓	✓
System Image Backup and Restore			✓	✓	✓
Physical Processor Support	1	1	2	2	2
Processor Cores	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited

Copyright 2007 © K2 Enterprises®

Features by Version

Features	Home Basic	Home Premium	Business	Ultimate	Enterprise
Windows Fax and Scan			✓	✓	✓
Windows BitLocker Drive Encryption				✓	✓
Windows DVD Maker		✓		✓	
Windows Movie Maker in HD		✓		✓	
Premium Games		✓		✓	
Parental Controls	✓	✓			✓
Network Projector			✓	✓	✓
ReadyDrive and ReadyBoost	✓	✓	✓	✓	✓
Anytime Anywhere Upgrade Support		Home Premium or Ultimate	Ultimate	Ultimate	

Copyright 2007 © K2 Enterprises®

Pricing

Version	Upgrade	Full Retail
Home Basic	\$ 99	\$ 199
Home Premium	\$ 159	\$ 239
Business	\$ 199	\$ 299
Ultimate	\$ 259	\$ 399
Enterprise	Volume License	Volume License

Copyright 2007 © K2 Enterprises®

- ### Hardware Requirements
- Minimum Requirements for Home Basic
 - 1 Ghz CPU with 512 MB RAM
 - 20 GB Hard Drive with 15 GB of available space
 - DirectX 9 capable graphics card with 32 MB memory
 - DVD-ROM Drive
- Copyright 2007 © K2 Enterprises®

- ### Hardware Requirements
- Minimum Requirements for Home Premium, Business, and Ultimate
 - 1 GHz or faster CPU with 1 GB RAM
 - 40 GB Hard Drive with 15 GB of available space
 - DirectX 9 capable graphics card with 128 MB memory per monitor
 - DVD-ROM Drive
- Copyright 2007 © K2 Enterprises®

- ### 64-bit Vista Requirements
- All hardware drivers MUST be signed by the Windows Hardware Quality Labs (WHQL)
 - PatchGuard may force shutdown of PC if any application requires kernel patching
 - Common practice by anti-virus and anti-malware applications
- Copyright 2007 © K2 Enterprises®

Hardware Recommendations

- Minimum recommendations for Home Premium, Business, and Ultimate
 - 1.6 GHz or faster Dual Core CPU
 - 2 GB RAM
 - DirectX 9/10 capable graphics with 256 MB memory per monitor
 - DVD-ROM Drive

Copyright 2007 © K2 Enterprises®

Top Reasons to Migrate

- Higher levels of safety and security
- Improved stability
- Enhanced user interface
- Better performance
- Instant search

Copyright 2007 © K2 Enterprises®

Safety and Security

- User Account Control
- Complete PC Backup and Restore
- Scheduled and Network Backup
- Internet Explorer 7
- Parental Controls
- BitLocker Drive Encryption

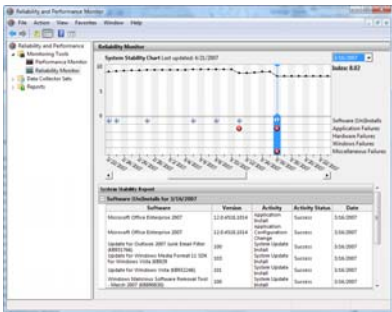
Copyright 2007 © K2 Enterprises®

Improved Stability

- Fewer crashes and hangs
- Reduced reboots
- Reliability And Performance Monitor

Copyright 2007 © K2 Enterprises®

Improved Stability



The screenshot shows the Windows Reliability and Performance Monitor interface. It features a 'System Stability Chart' with a graph showing system stability over time, with a vertical line indicating the current date. Below the chart is a table of software updates:

Software	Version	Activity	Activity Status	Date
Microsoft Office Enterprise 2007	1.1.0.4016.0104	Installation	Success	5/24/2007
Updates for Windows XP SP2 User-Based Filter	000	Configuration	Success	5/24/2007
KB921710 Microsoft Windows Media Center 1.1.0.0.0	000	Update	Success	5/24/2007
KB921710 Microsoft Windows Media Center 1.1.0.0.0	000	Update	Success	5/24/2007
Updates for Windows Vista KB921710	000	Update	Success	5/24/2007
Windows System Software Update Tool	000	Update	Success	5/24/2007
Update KB921710	000	Update	Success	5/24/2007

Copyright 2007 © K2 Enterprises®

Enhanced User Interface

- Can see content without opening file
- Improved accessibility for challenged users
- Aero should detract less than XP color schemes


Copyright 2007 © K2 Enterprises®



Better Performance

- Improved Responsiveness
 - SuperFetch
 - Low-Priority I/O
 - Automatic Disk Defragmentation
- ReadyBoost
- ReadyDrive


Copyright 2007 © K2 Enterprises®



Instant Search

- Desktop search component of Vista
- Locates files and e-mail messages
- Can execute from
 - Start Menu
 - Windows Explorer
 - Control Panel
- Allows creation of virtual folders (saved searches)


Copyright 2007 © K2 Enterprises®



Top Reasons to Stay Put

- Application incompatibilities
- Required computer upgrades
- Unavailability of drivers for peripherals
- Employee training needs
- Productivity benefits don't produce positive ROI


Copyright 2007 © K2 Enterprises®



Application Incompatibilities

- Many apps are not Vista compliant!
- Examples
 - Adobe Acrobat (all versions)
 - QuickBooks 2006 and earlier
 - Most tax applications
 - Peachtree 2006 and earlier
- 7,000 apps "work with Vista"
- 1,000 apps are "certified for Vista"


Copyright 2007 © K2 Enterprises®



Required Computer Upgrades

- Based on minimum requirements, existing hardware may not run Vista
- Gartner estimates 50% of all corporate PCs won't run all features of Vista
- Upgrade hardware or replace hardware?

Copyright 2007 © K2 Enterprises®



Drivers For Peripherals

- Do all peripherals have Vista drivers
 - Printers
 - Monitors
 - Keyboards and Mice
 - Network Cards
- 20,000 drivers were available at release
 - 1,600 are added each month

Copyright 2007 © K2 Enterprises®

Employee Training Needs

- Vista is a much different operating system
- Do not deploy without training employees
- Training and support should be ongoing for full effectiveness

Copyright 2007 © K2 Enterprises®

Possible Migration Strategy

- Assess overall need/desire for new features offered by Vista
- Determine hardware issues that must be resolved
- Verify all applications run on Vista
- Identify all Office automation solutions that may be impacted
- Make contingency plans

Copyright 2007 © K2 Enterprises®

Possible Migration Strategy

- Assess overall need/desire for new features offered by Vista
 - Do you really need these features? Will they improve productivity? security? reliability?
 - Aero
 - BitLocker
 - ReadyBoost
 - Shadow Copy

Copyright 2007 © K2 Enterprises®

Possible Migration Strategy

- Determine hardware issues that must be resolved
 - Are all computers & peripherals compatible with Vista? Are there tested and proven drivers?
 - Keyboards & Mice
 - Video Cards & Monitors
 - Printers
 - Network & Wireless Cards
 - 64-bit Vista requires WHQL signed drivers

Copyright 2007 © K2 Enterprises®

Possible Migration Strategy


- Verify all key applications run on Vista
 - Contact publishers of key applications in use by your organization
 - Independently determine if application is Vista certified or ready to work
 - "Certified for Windows Vista"
 - "Works with Vista"

Copyright 2007 © K2 Enterprises®

Possible Migration Strategy

- Make contingency plans
 - Dual-boot configurations
 - Virtual machines
 - Retain some operable Windows XP PCs
- Remember, you may need to run legacy applications for the foreseeable future, so make sure you have the capability to do so!


Copyright 2007 © K2 Enterprises®



Considerations for QuickBooks

- Fully patched/service packed
- May run better in virtual machines
- Networking security is different than Windows 2003/XP


Copyright 2007 © K2 Enterprises®



Summary

- Vista is an immediate consideration for every organization
- Must develop a plan for handling migration
- Don't forget about legacy applications

Copyright 2007 © K2 Enterprises®



Questions?

Copyright 2007 © K2 Enterprises®