

<p>The Windows Millennium product is another in the evolution of consumer operating systems developed by Microsoft, and delivers clear customer value by focusing in on a few feature areas.</p> <p>If you fit one of the following profiles, purchasing Windows Millennium as an upgrade or on a new PC should be a no-brainer for you:</p> <ul style="list-style-type: none"> • You take digital pictures and want to share them with people • You spend time on the internet • You have multiple PCs at home • You want to take advantage of the latest hardware advancements in PCs • You want to have a more supportable, more quickly available PC <p>And Consumers who buy Windows Millennium will:</p> <ul style="list-style-type: none"> • Spend more time on the internet • Have more PCs in the home and share more information between them • Play more music on their PCs and store more pictures • Spend more time playing games locally or on the internet • Spend less time on a support line or waiting for the system to boot <p>Windows Millennium is going to make buying a new PC even more attractive than upgrading an existing PC.</p> <p>Millennium Demo DRAFT v 1.55</p>	
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<p>I'm here to talk to you about Microsoft Windows Millennium Edition, the new operating system designed explicitly with the home user in mind. Windows Millennium enhances your computer experience in 4 key areas:</p> <ul style="list-style-type: none"> • Digital Entertainment – Having fun with your PC, whether it's with pictures, video, music or games. • The Internet – Millennium provides the most powerful, flexible way to access the Internet browse the web, , send email, play games, and stay in touch with the world around you. • Home-Networking – New technologies to help you connect PCs and share resources such as printers and Internet connections. • Improved User Experience – Improved reliability, streamlined simplicity, and advanced help functions make Millennium the most trouble-free operating system to choose for your home. 	
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SECTION I: Digital Entertainment	
Fast Start-Up	
If you've ever gone to get a cup of coffee and read the paper while waiting for your PC to boot up, you're going to love this- a Millennium PC that starts	1. Turn PC on

up in under 30 seconds.	
<p>Working with PC manufacturers, we've greatly reduced the time it takes to start up your Millennium PC. Look at that! From power up to Windows desktop in under 30 seconds. Also you should remember that this is currently a beta version and that we are continuing to improve on this as we get to the final release. Now the best performance you'll see is with one of these new PCs, but even an older PC will see improvements in start-up time thanks to Millennium.</p> <p>NOTE: Pending availability of Fast Boot Demo PC</p>	<p>IF ASKED:</p> <ul style="list-style-type: none"> • These perf times require that the machine be in "hibernate" mode, vs full shut-down. Hibernate takes a snapshot of all applications, drivers & services running in memory. • Hibernate should be the preferred way to power-down your Millennium PC. The only time you need to do a full shut-down would be if you are installing new applications or hardware. • The new PCs support the Fast POST BIOS. The FPB has been written to reduce BIOS load times. • The basic difference between "hibernate" and "suspend" and sleep is that when your PC goes into hibernation, this is a complete power down. In the case of suspend, your PC is still using up power in that state.
Windows Media Player	
<p>NOTE: This is the demo for the currently shipping version of WMP. If you wish to demo Cyprus (WMP 7), contact RobFerg.</p>	<p>Media Player script is still in progress. Check \\winlab\demo for updates.</p>
Digital Photography	
<p>Another hot new area is digital photography. Digital photos don't require developing, and allow you to make simple changes to them easily. Also, if you're like most people, you have a pile of disorganized photos sitting in shoeboxes in your closet. With digital photography, you can easily organize these images on your hard-drive and easily share them with friends via e-mail and the web. Millennium makes it simple to get your pictures from cameras and scanners to your Windows PC.</p>	
<p>I just got this new digital camera, and I'm on vacation and I want to take some pictures – wow, here are some fun looking locals - smile. This camera also allows me to add a voice notation to a photo, so I can easily remember details about the shot. However, now that I've taken these pictures, they don't do me much good just stored on my camera. I want to share them with my friends.</p>	<ol style="list-style-type: none"> 1. Turn the camera dial to Capture, and turn the camera power On. 2. Once the green light has stopped flashing, take a few pictures of your audience. You must wait a few seconds between each shot until the green light stops flashing. 3. After your last shot, <i>hold down</i> the voice notation button on the camera (lower left, by your left thumb) and record a notation.
<p>Before Millennium, when I wanted to connect my digital camera to my PC, I'd first have to insert the CD that came with my camera and install the new drivers and software. However with Millennium, when I plug my camera into my PC, Windows automatically identifies my camera. In addition,</p>	<ol style="list-style-type: none"> 1. Now, turn the camera dial to Connect and then plug the camera into the USB port on the back of the PC. 2. The WIA Wizard should appear. If the camera has not been preloaded, you will see Windows detecting it and installing the drivers

Millennium has launched a helpful Wizard to guide me through the process of accessing my pictures.	first.
Now before, if I wanted to look at my pictures on my PC, I had to download all of my pictures to my PC. If I've taken a lot of pictures, this could take up a lot of disk space. With Millennium I can view thumbnails of the pictures on the camera without downloading them to my PC . From this screen I can find out more information about the picture, like when it was taken and how large it is. Look one of these is skewed a little, but using the Wizard I can <i>rotate</i> the image and correct it. Most importantly, I don't have to download all of these pictures to my PC, I can select only the ones I want.	<ol style="list-style-type: none"> 1. Click Next on the Wizard 2. Click on one of the pictures. 3. Click on the "View Picture Information" link 4. Click on one of the pictures 5. Click on the "Rotate" button 6. Use SHIFT-click to select 2-3 pictures 7. Click "Next"
The Wizard also makes it easy for me to organize my photos on my hard drive. On this screen I select a basic name for this group of images, and they will be automatically sequentially numbered, for example vacation1, vacation2 etc. Then I just choose a folder on my PC and click "Finish" to save them to my PC.	<ol style="list-style-type: none"> 1. Type in a name for this group of photos (eg: Demo) in the "Name" field. 2. Select a Destination folder (eg: c:\My Documents\My Pictures\demo) 3. Click Finish 4. The Wizard should close and the folder where you saved your pictures should come up
Now that the pictures have been saved to my PC, I no longer need to go into a separate application to view or print them. I can just use the Windows Explorer. From this view, I can look at the thumbnails, and enlarge them for closer viewing. You'll see that even my voice annotation came across. From here I can easily e-mail these images to friends. If I want to send one to my Grandmother, who doesn't have a PC, I can also print the image from here.	<ol style="list-style-type: none"> 1. Select a picture, it should appear in the display window in the lower left of the screen. 2. Click on the magnifying glass button, move the magnifying glass cursor over the image and click. 3. Mouse-over the printer button (don't click)
Now suppose I have some friends over and I want to show them all my vacation photos in this folder. Rather than having to open and close each picture individually, With Millennium I can easily create a slide-show of all the pictures for my friends to look at. As you can see, Millennium makes it very simple for a user to plug in a camera or a scanner and retrieve or manipulate their pictures directly.	<ol style="list-style-type: none"> 1. Click on the "Slideshow" link on the upper left 2. Click the mouse to cycle thru slides 3. Hit ESC to exit slideshow mode
Another great feature of Millennium is that other applications can easily use these images as well.	<ul style="list-style-type: none"> • Launch Word from the desktop shortcut.
I'm creating a document, and I want to be able to include a picture from the camera. Before, I would need to save the picture from the camera to the PC, then import the picture into my Word document. But with Millennium, I can import the picture directly from the camera into my Word document without needing to save it to my hard drive first. I could do the same thing with Outlook or another Windows email application if I wanted to include my pictures as an email attachment to share with my family members.	<ol style="list-style-type: none"> 1. In your word doc, type "here we are." 2. From Word, choose Insert >Picture >From Scanner or Camera. 3. Choose Custom Insert. 4. Choose the picture(s) you want to include from the thumbnails and then click Get Pictures. 5. The Picture will appear in the doc (it may take a moment if it's a large picture).
Another advanced feature that Millennium enables is	<ol style="list-style-type: none"> 1. Click on "Scanner and Camera" link, Wizard

<p>remote control of imaging devices. I can also choose the <u>Camera</u> button. From here, I can use the PC to snap a picture with the camera—think about home automation in the future, and how your home PC could be configured to tell a camera to automatically take photos of your pool, for example, to make sure kids aren't hopping the fence and skinny-dipping.</p>	<p>should reappear</p> <ol style="list-style-type: none"> 2. Click on "Explore Camera (Advanced)" 3. Click the camera button. Hover over the options presented as you mention them. Snap a picture by selecting "Take Picture". 4. Close the picture properties dialog to return to the WIA Wizard (If it doesn't appear, close out completely, turn the camera power off, then turn on again to relaunch the WIA Wizard.)
<p>Windows Movie Maker</p>	
	<p>Movie Maker script is available at : \\winlab\demo .</p>
	<p>5.</p>

SECTION II: Internet	
<p>Internet Explorer 5.5</p>	
<p>The number one thing that folks want to do with their PCs once they have them up and running is use the Internet. Millennium lets you get the most out of the Internet by including Internet Explorer 5.5 for the web, and Outlook Express 5.5 for e-mail & news. IE 5.5 still delivers the best web-browsing experience on the Internet, including enhanced support for web pages with frames, making browsing the web faster. We've made it easier to print from IE 5.5, with a print preview, so you know exactly what you're getting.</p>	<p>1. Start IE from the desktop</p>
<p>Outlook Express</p>	
<p>However, more and more the Internet is about communicating with friends and family, no matter where they are. Millennium also includes Outlook Express, for sending e-mail and reading newsgroups.</p>	<p>1. Launch Outlook Express from the desktop</p>
<p>MSN Messenger</p>	
<p>If you're familiar with Outlook Express, you may have noticed this new feature here that lists your contacts. This is in fact part of the MSN Messenger</p>	<p>1. Point to the left hand bottom corner window under "Contacts".</p>

<p>technology that allows you to see which of your friends are online and easily chat with them, whether they're in the office next door, or sitting on their balcony in Paris. Here's my friend X, let's say hello to him.</p>	<ol style="list-style-type: none"> 2. On the Contacts window double click on your friends name from the list. Messenger window will appear. Type "Hello" click send. Friend will reply.
<p>NetMeeting</p> <p>If we both have video cameras hooked up, I can even invite him to video-conference with me via NetMeeting.</p>	<ol style="list-style-type: none"> 1. From Messenger window, click on the "Invite" window. Then click on the "To Start NetMeeting" option. NetMeeting will launch. 2. Your friend will accept the call and you he will appear. Say Hello.
<p>This new version of NetMeeting also allows me to establish a direct connection with my friends over the phone system, instead of going thru the Internet. The benefit of this is that the quality of your video is much higher.</p>	<ol style="list-style-type: none"> 1. Close NetMeeting.
<p>Online Games</p> <p>These days though, the Internet is not just about web sites. Its also about meeting, communicating and socializing with people. One of the easiest ways to do this is via online gaming.</p> <p>In Millennium, we've added Internet-ready versions of the most popular classic games – Backgammon, Checkers, Hearts, Reversi and Spades. Playing a computer is fun, but there's nothing like the challenge and social aspect of playing a real person.</p>	
<p>Now with just one click I can quickly get online, and get automatically matched with an opponent. See, we've already started playing. The games also come with a chat-lite feature that includes pre-selected comments like "Congratulations", "Your move" and "How about another game?" so you can communicate with your opponent. Because the comments are translated the same across all versions of Millennium, a player in the US can easily communicate with a player in Japan for example. When you're ready to move on to harder opponents and full-text chat, you have an option to subscribe to the Internet Gaming Zone.</p>	<ol style="list-style-type: none"> 1. Go to Programs >> Games >> Internet Reversi 2. Click YES to get past the initial screen 3. After you are matched up, click chat "on" 4. Type "Hello" 5. Make a couple of moves, and wait until its your turn and click on the "Retire" button. 6. Type "You're just too good for me" in the chat box and close the game.

<p>SECTION III: Home Networking</p>	
<p>However, this is only part of the picture. Millennium makes it easy for your entire household to access the Internet.</p> <p>These days a lot of homes have multiple PCs, but only one phone line. This usually means that you either have to wait your turn to go online, which can be frustrating, or get another phone line, which can be expensive. With Millennium, you can share a single phone line using Internet Connection</p>	

<p>Sharing.</p> <p>You may notice that I have two PCs here, but I only have one modem and phone line. Let's say this is Dad's PC with the modem attached. With Millennium, junior can connect his PC from the next room and dial out via Dad's PC. Now Junior can play games on the Zone while Dad checks his stocks. This works for high-speed connections as well like ISDN, ADSL and Cable modem.</p>	<ol style="list-style-type: none"> 1. Connect the Ethernet connection between the two PCs 2. Launch IE on Junior's PC 3. Go to www.zone.com on Junior's PC 4. Go to www.investor.com on Dad's PC
<p>Now some folks might think that setting up a Home Network might be really complicated. In Millennium we've added a Home Networking Wizard that walks you through setting it up. As you walk through each screen you can pick a name for your PC, choose the type of Internet connection you use (eg: modem vs cable), and which folders you want to share out on your PC over the network. The wizard will even create a disk you can use with your older Windows 95 and Windows 98 PCs to get them onto the network. Lastly, as you add PCs onto your network, our new Auto-Discovery feature will automatically find shared resources on your network like modems, printers and folders.</p>	<ol style="list-style-type: none"> 1. Double-click on "Home Networking Wizard" shortcut on desktop 2. Click NEXT thru all the screens 3. Time allowing, you can create a client diskette 4. Insert it into Junior's PC and run a:/set-up 5. Shared Folders should appear on the desktop

SECTION IV: Smart Computing	
<p>Now let's talk about "Smarter Computing." What Smarter Computing is all about is making your PC easier, and more reliable. This means getting you up and running faster, and more productive.</p>	
<p>Oobe</p>	
<p>Now the first time a lot of folks boot up their brand new PC, they get to the desktop and say, "OK, now what?" In Millennium, we've added new wizards to help you get up and running right out of the box. Here the wizard, literally, will guide you through learning about Windows, registering, and getting set-up on the Internet.</p>	<ol style="list-style-type: none"> 1. Click on Oobe Fullscreen icon on the desktop 2. Click through the menus using "Next" 3. Use ALT+F4 at any time to exit the wizard 4. Run the Oobe.REG file to reset the Oobe for the next demo.
<p>Another feature we've added to Millennium to make it easier to use is smart menus. How many times have you had to hunt and peck through long menu lists to find exactly the application you want to use? With smart menus, Millennium tracks which applications you use most often, and hides the rest. Here you'll see that I have a short list of my most frequently used applications, and the rest are hidden. But, don't worry, if I click on this little double-arrow, it shows me the full list of other applications I have installed on my PC.</p>	<ol style="list-style-type: none"> 1. Click on Start/Programs 2. Click on the double-arrow icon in the Programs menu to display the full list of applications
<p>If you've used Windows 2000 at work you may have noticed the same menu feature. The fact is we've gone to great lengths to keep the user interface consistent between Millennium and Windows 2000. This means that you can use Windows 2000 PC at work, and also easily bring work back home to your Millennium PC.</p>	

System File Protection Demo	
Part of a smarter computing experience means making your PC “healthier”. A healthy PC has fewer problems. This means more time being productive or having fun with your PC, instead of trouble-shooting bugs, or talking on the phone with a tech support rep. One of the key aspects of making a PC healthy is <i>preventing problems before they happen</i> .	
One of the number one situations that can get users in trouble is deleting key files— for example, you want to free up space on your computer, and inadvertently end up in your Windows System folder. You sort by file-size to find a big file that you can delete. You see this file “DSOUND3D.DLL,” and you think, “this looks like a useless file, I don’t need this, let’s delete it.” For extra good measure, let’s empty the recycle bin. Not only have I deleted it, but I’ve deleted it good! However, what you’ve actually done is deleted a crucial DirectX file that helps you run the latest PC games. If you had actually deleted this file you’d be unable to run that cool 3D Star Wars game you just got for Christmas.	<ol style="list-style-type: none"> 1. Open c:\windows\system from the shortcut on the desktop and click the show files link to view the directory contents 2. Find the DSOUND3D.DLL and delete it 3. Close the Explorer window (don't minimize it, close it) 4. Empty the Recycle Bin from the Desktop to show that the file is off the system
But with System File Protection running, I’ve been saved from my own foolishness: here you can see that DSOUND3D.DLL has been restored, automatically.	<ol style="list-style-type: none"> 1. Open c:\windows\system from the shortcut on the desktop. 2. Click the <u>show files</u> link to view the directory contents 3. Scroll down to the file DSOUND3D.DLL to show that System File Protection reinstated it
Another preventative measure we’ve added is called AutoUpdate . Auto-Update keeps your PC up-to-date with the latest updates and fixes as they become available over the web. You can choose to have AutoUpdate automatically download updates in the background while you’re connected to the Internet, or simply notify you as updates become available. Our goal is to provide you with the latest updates to your PC <i>before</i> you ever encounter a problem.	<ol style="list-style-type: none"> 1. Double click on Auto Update icon in lower right part of the system tray 2. Click on the “Settings” button 3. Show the options
Help Center Demo	
Now, even with all these preventative measures, eventually a time may come when you do need to get help. Instead of going to one place for help with your PC Hardware, another for your operating system, and yet another for the application you’re using, in Windows Millennium, we’ve made it easy to find the help you need, all in one convenient place.	<ol style="list-style-type: none"> 1. Launch Help Center from Start > Programs > Help Center
You’ll notice that the Help Center has an easier-to-use interface, has lots of resources available to you including tours, step-by-step instruction, trouble-shooters and links to the Web for the very latest information.	<ol style="list-style-type: none"> 1. Click “What’s New in Windows Millennium Edition” 2. Click on the “MSN Operating Systems Forum
System Restore Demo	
When things do go wrong with your PC, Millennium	

<p>also makes it easier to fix these problems. Despite all the precautions in the world, eventually important program files may get deleted or corrupted. Any number of things can cause this – installing a new application, a virus, or even an overzealous child. For this example let’s use Outlook Express. You can see here it’s running. Now lets go in and just delete the entire folder. As expected this doesn’t run.</p>	<ol style="list-style-type: none"> 1. Click on the shortcut to Program Files on the desktop, click show all files. 3. Right click on the Outlook Express folder, Click on Delete. 4. Close the Program files window and launch Outlook express from the desktop. You will get errors. Close them out.
<p>Now if this has been caused by a virus or an install you might spend hours trying to trouble-shoot what’s changed on your PC. With Millennium, you can use System Restore to return your PC to its last working state, just by using a simple wizard.</p>	<ol style="list-style-type: none"> 1. Launch System Restore from the shortcut on the desktop 2. Click Next.
<p>In this case, I know that the last time my PC was working was <insert date>. So I’ll tell System Restore to restore my PC to the state it was in on that day.</p>	<ol style="list-style-type: none"> 1. Make sure that today’s date is selected in the calendar. 2. Click on the calendar to go to <insert date> 3. Click Next.
<p>Before you complete the System Restore, it will tell you possible files that you may need to reinstall as a result of rolling back to a prior state. This could be a copy of Word or some other application. Its important to note that you will not lose any of your own personal documents or data as a result of this system restore.</p> <p>Continue through the dialog boxes, then click “Restore”—your system is now rolling back.</p>	<ol style="list-style-type: none"> 1. Review the Changes That Will Be Removed. Click Next. 2. A dialog displaying any running tasks will pop up. Click OK. 3. Click Restore on the "Preparing to Restore Your Computer" Screen. (Sometimes TAPISVR faults at this point. Click OK if this happens.) <p>The machine will complete the restore and restart itself</p>
<p><i>As PC restarts, talk about how System Restore picks restore points.</i></p> <p>System restore makes back-ups of your system periodically by date, or right before major system events. For example, it would automatically take a snap-shot of my system right before I installed Office 2000.</p>	
<p>Now, the computer has restarted—and as you can see, Restoration has been successful! When I launch Outlook Express, it runs.</p>	<p>[Computer is restarting]</p> <ol style="list-style-type: none"> 1. After restarting, a Restoration Successful screen should appear. Click Close 2. Once restarted, demonstrate that Outlook Express runs properly.
<p>Thank you for your time, I hope that you’re able to see how Millennium has improved the Home PC users experience in the areas of Digital Entertainment, The Internet, Home Networking and Improved User Experience.</p>	