Accomplishments/Changes Last Week

- We **launched Windows 2000** last week! Congratulations to everyone, your hard work has paid off and you should be incredibly proud!
- We have **completed top level Whistler planning** (priorites, major cuts, etc) and are now in execution mode with their specific plans and dev work.
- **Desktop builds are still up and running.** We will be driving self-host numbers this week, you should all be self-hosting unless it impacts your short term deliverables (e.g. Millennium, DX8, etc).
- We've made some **organizational changes** in the team. The DX team has "moved over" to join the Dekstop Team, XSG/OpenGL has moved to work for JayTor, and GDI/User/XSG/OpenGL test has moved to work for DMuir. In addition, the desktop UA group from the Professional product currently in Ken Western's will be joining the UA group here. Work is well underway in organizing into one cohesive group and on moving the personnel to this building starting soon and completing by mid-March. We are extremely excited by the synergy and positioning created by this desktop unification.
- We had a **hiccup on reverse integration** last week as we were not prepared to sign off from a test perspective. We will be reverse integrating this week.

Goals Next Week

- **Continue work on Millennium, DX8, and other ongoing deliverables.** These products have revenue impact and are critical for the company, so continue to be the top priority. (all)
- **Reverse integrate the Desktop build** back into the main NT build. (dpanko)
- **Get to week by week schedules** for when items go into the Whistler builds, so we can track progress. (all)
- **Start Whistler feature work** in earnest. (all, where there is bandwidth)
- **Complete Standard/Pro plan.** (johngray)
- **Start thinking about Blackcomb**, get Blackcomb website up. (chrisjo, cjdir - likely a deliverable in 2 weeks).

Details....

Whistler Update

Well, we are finally through the Whistler planning, and we are now in execution mode. To reiterate our Whistler goals, they are:
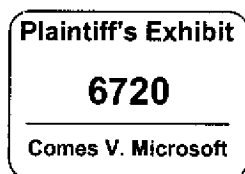
- Sim-ship All Windows Platform Products in Q1/01
- Deliver Consumer NT in 1Q '01
- Deliver 64-bit Early Adopter Release in 3Q '00
- Invest In Our Engineering Process
- Fix Critical Server and Client Deployment Blockers

By team, here is a summary of our Whistler commitments:

Shell Team

- Get Millennium Shell to Whistler/64-bit
- Logon & Security - new friendly Logon screen & multiple-user support
- Simple Networking UI   -new control panel for networking & simplified wizards
- Visual Redesign, Cleanup & Appearance Work
- Desktop v.2 - Desktop v2 replaces the current icon metaphor
- Simple Hardware UI - AutoPlay for hardware & better HW Wizard UI

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- File Associations- improved mapping of filetypes to applications
- Control Panel Framework - new webview to make finding control panels easier
- Taskbar Enhancements - improvements to taskbar like glomming & better notifications
- Web Publishing & Sharing - one-step publishing to Web, burning to CD, or sharing on network or machine
- File Management Improvements - better views of the FS (includes improvements specific to media file types --images/audio/video), simplified common tasks (move/copy) specific to media file types

Printing/Imaging
- Port WIA to Whistler/64-bit
- Port Printing to Whistler/64-bit
- Support MFP devices
- Printing managability
- Driver quality and reliability, including DDK/driver verifier and coverage

Media Team
- Get Millennium audio/dv work into Whistler/64-bit
- Get WMP into Whistler/64-bit
- Glitch-free video/audio playback
- Driver quality and reliability, including DDK/driver verifier and coverage
- Digital TV support

User & GDI Teams
- Get User/GDI/GDI+/Cicero/NLS to 64-Bit
- User, GDI and GDI+ changes to support new UI work and imaging
- Integrate Cicero into OS
- MUI and NLS work for globalization

IE Team
- Port IE 5.5 to Whistler/64-bit
- Fit in with new look and feel (controls, browser UI)

DX/Graphics Team
- Get DX 8 into Whistler/64-bit
- Get OpenGL/XSG to Whistler/64-bit
- Driver quality and reliability, including DDK/driver verifier and coverage
- Performance tuning as appropriate

Attached are the detailed spreadsheets by team:

| Master - Digital Media.xls (79... | DX Whistler schedule.xls (62 K... | iefeatures.xls (69 KB) | APP_COMPAT_FEA TURE_LIST.xls (7... | Printing.xls (76 KB) | Shell features.xls (77 KB) | USER and GDI.xls (77 KB) |

wia in whistler.xls (76 KB)

Note that Whistler is a date driven release (see the schedule on http://windowsclient/war/schedule.htm), which means we aren't going to be able to do everything we want to do. There are a number of features that we are all passionate about which simply do not make the date and therefore are cut for Whistler. However, we will continue development in many of these areas focused on our Blackcomb ('02) release. We will also consider a select set of features for inclusion in Whistler if we get customer or partner feedback and they are low risk.

Reverse Integration
I am sure many of you are wondering about reverse integration and what's happening. Due to some issues with getting the right test coverage (mainly because test is maxxed out on other deliverables), we did not reverse integrate last week. We will be reverse integrating this Thursday -- all teams are signed up to drive this and deliver. The key for everyone is to:

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- Keep the build quality high.
- Respond to hot fixes.
- Self host, self host, self host!

The Future - Blackcomb and NGWS

I thought DebBI in recent mail to her team did a good job outlining our Blackcomb challenges, so I took the liberty of stealing from her mail describing Blackcomb. You have heard of Microsoft's new strategy focused on software as a service, and the Next Generation Windows Services Platform (NGWS). While there is still plenty to figure out, at a high level NGWS is about extending the "platform" we build to be something much broader than the software that runs on single PC or within an enterprise. What is NGWS? It is the platform for creating a world-wide infrastructure of services we and our partners build. Just as Windows established a standard for graphical applications, new standards need to be established for things like:

- Locating, sharing, and exchanging information
- Accessing applications across broad ranges of devices, locations, and types of connectivity
- Accessing personal information anytime anywhere
- Setting up and receiving notifications of important events or combinations of events
- Delivering a platform that enables rich client software to connect to these services
- Delivering a UI that scales and adapts to support this
- And much more..

As with GUI, databases, security, etc., common interfaces, protocols and associated runtimes or services must to be developed to allow clients, applications, and service providers to be built in a common interoperable way. (So people don't need to carry five incompatible personal devices for communication, for example.) Some of these new interfaces and protocols will talk to software running on a PC, but many will also talk to services (directories, authentication services, data stores, etc.) across the Internet. We believe there is a great opportunity for *Microsoft* to deliver the platform - which includes establishing the standards, as well as providing the key services. We will evangelize the platform to the developers writing the new breed of Internet applications, and in doing so we will truly extend the value of the Windows platform from something that runs on your PC, to something that runs in a distributed fashion across the Internet.

As I have mentioned before, we are focused on Whistler first, and we don't have the details of Blackcomb worked out. However, from our work on Neptune, Odyssey, and other projects, we have great ideas and plans we can build from. In some areas, like application platform, there is already thinking going on (MWallent is heading up this effort). Here's a planning schedule we'll be working from:

- March => Start first planning, thinking on Blackcomb, get Blackcomb website up and running (cjdir)
- April => 3 year technical plan, present early thinking (cjdir)
- Post Millennium RTM => Start rolling resources/investments to Blackcomb (cjdir)

Keep Driving To Millennium, Get Moving Towards Whistler...

We are closing in on Millennium, DX 8, and our commitments to Office 10. We are over the hump in Whistler planning and kicking into execution mode. I and my directs will start thinking about Blackcomb in earnest over the next month.

I know we are trying to do a lot so **push back** if you think there is too much going on or if you think schedules are unrealistic. As always, if you have questions let me know.

Thanks -- Chris

Only the five columns with Reqd above them are required for import

opt	Reqd	Reqd	Reqd	Reqd	opt	Reqd	Reqd	opt	opt	
Release	Theme	GM	Team	Area	SubArea	Feature	Code Complete	Stack Rank	Review	All
Whistler	(4) Engineering Process	Abay	Digital Media	Move to Source Depot	Core/Video	Merge N+1 with N	15-Feb	1		
Whistler	(2) Consumer NT	Abay	Digital Media	Win9x Parity	Millennium Features	Port of audio components updated in Millennium	10-Mar	2		
Whistler	(2) Consumer NT	Abay	Digital Media	Win9x Parity	Millennium Features	Video Millennium features	29-Feb	3		
Whistler	(2) Consumer NT	Abay	Digital Media	Win9x Parity	Millennium Features	DirectShow performance enhancements	31-Mar	4		
Whistler	(2) Consumer NT	Abay	Digital Media	Win9x Parity	Millennium Features	Millennium kernel audio performance parity	7-Apr	5		
Whistler	(2) Consumer NT	Abay	Digital Media	Win9x Parity	Millennium Features	Millennium VXD parity	21-Apr	6		
Whistler	(4) Engineering Process	Abay	Digital Media	Move to Source Depot	Audio	Merge DX 8 audio code	29-Feb	7		
Whistler	(6) Other	Abay	Digital Media	DirectX 8 Parity	Audio	DX 8 audio support	31-Mar	8		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Core	K5 ported to 54 bit	30-Jun	9		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Audio	W HMM/kernel audio components ported to 64 bit	Ongoing	10		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Audio	One audio PCI driver & USBAudio	Ongoing	11		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Audio device coverage at 95% with all drivers full featured	Ongoing	12		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Digital Video Cameras Coverage a 100%	31-Mar	13		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	New video renderer for improved video quality - improved rendering, windowless rendering - media playback support	31-Mar	14		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	New video renderer for improved video quality - ana eq capture, DirectVA	30-Apr	14		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Audio	Dsound ported to 64 bit	Ongoing	15		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Core	Dshow ported to 64 bit	30-Jun	16		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	USB Audio class driver enhancements	21-Apr	17		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Global Effects Support (GFX)	7-Apr	18		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Solid multichannel audio support	31-Mar	19		
Whistler	(4) Engineering Process	Abay	Digital Media	Bugbugs	Audio	Identify and fix all bugbugs	28-Apr	20		
Whistler	(4) Engineering Process	Abay	Digital Media	Bugbugs	Core	Identify and fix all bugbugs	31-Mar	21		
Whistler	(4) Engineering Process	Abay	Digital Media	Bugbugs	Video	Identify and fix all bugbugs	31-Mar	22		
Whistler	(4) Engineering Process	Abay	Digital Media	Postponed Bugs	Video	Address Postponed Bugs	30-Jun	23		
Whistler	(4) Engineering Process	Abay	Digital Media	Postponed Bugs	Core	Address Postponed Bugs	30-Jun	24		
Whistler	(4) Engineering Process	Abay	Digital Media	Postponed Bugs	Audio	Address Postponed Bugs	28-Apr	25		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	USB video device coverage 50%	Ongoing	26		
Whistler	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Video	One USB video camera driver & DV driver	30-Jun	27		
Whistler	(4) Engineering Process	Abay	Digital Media	Prefix Bugs	Audio	Address Prefix Bugs	Ongoing	28		
Whistler	(4) Engineering Process	Abay	Digital Media	Prefix Bugs	Core	Address Prefix Bugs	31-Mar	29		
Whistler	(4) Engineering Process	Abay	Digital Media	Prefix Bugs	Video	Address Prefix Bugs	31-Mar	30		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	New video renderer for improved video quality - HW alpha blending	31-May	31		
Whistler	(2) Consumer NT	Abay	Digital Media	Consumer Excitement	Digital Media - Audio/Video	Digital TV support for ATSC, DVB, and OpenCable	31-Mar	32		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	61863/AVC for MPEG2 streaming	31-Mar	33		
Whistler	(4) Engineering Process	Abay	Digital Media	Driver Quality	Aud o/Video Playback	BDA samples for DDK	31-Mar	34		
Whistler	(4) Engineering Process	Abay	Digital Media	Driver Quality	Aud o/Video Playback	AVC samples for DDK	31-Mar	35		
Whistler	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Resource management for video	31-Mar	36		
DCR	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	UI to replace sndvol, control panel, & microphone wizard	21-Apr	37		
DCR	(2) Consumer NT	Abay	Digital Media	Consumer Excitement	Digital Media - Audio/Video	EPG infrastructure support	30-Jun	38		
Cut	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	Conditional access for OpenCable & DVB	30-Jun	39		
Whistler	(6) Other	Abay	Digital Media	Telephony support	Audio	AEC/AGC	31-Mar	40		
Cut	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	1394 audio class driver	15-Apr	41		
Cut	(2) Consumer NT	Abay	Digital Media	It Just Works	Digital Media - Audio/Video	WIA integration for DV cameras	15-Jun	42		
Cut	(2) Consumer NT	Abay	Digital Media	Consumer Excitement	Digital Media - Audio/Video	Time shifting	30-Jun	43		
Cut	(3) 64 Bit	Abay	Digital Media	Device/Platform Coverage	Audio	Dmusic ported to 64 bit	30-Jun	44		
Whistler	(2) Consumer NT	Abay	Digital Media	Consumer Excitement	Digital Media - Audio/Video	Movie maker	Not yet known			
Whistler	(2) Consumer NT	Abay	Digital Media	Consumer Excitement	Digital Media - Audio/Video	TV, EPG, and DVD support integrated in WMP	Not yet known			

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DC	As	Svr	Pro	Per	opt Dev Est (Days)	opt In Mainline Build	opt Feature Status	opt Dev Lead	opt PM	opt Dev	opt Test	opt Int'l	opt PSS	opt UE	opt Design	opt Usability
								BillPa	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								SrramR	DennisFl		KirkSc					
								BillPa	BrianMar		KirkSc					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								SrramR	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								BillPa	BrianMar		KirkSc					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								BillPa	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								BillPa	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								SrramR	TalalB		KirkSc					
								SrramR	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								BillPa	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								SrramR	DennisFl		KirkSc					
								SrramR	JanHofme		KirkSc					
								SrramR	TalalB		KirkSc					
								SrramR	JanHofme		KirkSc					
								SrramR	TalalB		KirkSc					
								BillPa	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								SrramR	DennisFl		KirkSc					
								SrramR	JanHofme		KirkSc					
								ChanV	TrudyC		JasonU					
								ChanV	TrudyC		JasonU					
								SrramR	TalalB		KirkSc					
								SrramR	DennisFl		KirkSc					
								ChanV	TrudyC		JasonU					
								SrramR	DennisFl		KirkSc					

Only the five columns with Reqd above them are required for import.

opt Release	Reqd Theme	Reqd GM	Reqd Team	Reqd Area	opt SubArea	Reqd Feature	Reqd Code Complete	opt Work Item
Whistler	Games	ChrisJo	DirectX	Multimedia	Direct3D	DX 6 - graphics	25-Feb-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	DirectInput	DX8 - input	24-Mar-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	AppMan	DX8 - app man	now	
Whistler	Games	ChrisJo	DirectX	Multimedia	DirectPlay	DX8 - dplay	24-Mar-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	Individual Components	Prefix	15-May-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	Individual Components	Postponed	15-Jun-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	Individual Components	BugBugs	30-Apr-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	Individual Components	Wai 64 - 64 bit interfaces	15-Jun-00	
Whistler	Games	ChrisJo	DirectX	Multimedia	Individual Components	Wai 64 WOW	1-Oct 00	
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Spec Properties					Product(s)												
opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt
Spec Title	Spec Owner	Spec Status	Stack Rank	Review	All / DC / AS / Svr / Pre / Per	Dev Est (Days)	In Mainline Build	Feature Status	Dev Lead	PM	Dev	Test	Int'l	PSS	UE	Design	Usability

	Only the five columns with Reqd above them are required for import							
opt	Reqd	Reqd	Reqd	Reqd	opt	Reqd	Reqd	opt
Release	Theme	GM	Team	Area	SubArea	Feature	Code Complete	Work Item
Whistler		Chris In	IE	All		64 bit Port	n/a	
Whistler		Chris Jo	IE	Browser UI		Browser UI Update	1-Jun-00	
Whistler		Chris Jo	IE	Trident	Intrinsic Controls	Controls UI Update	n/a	Not sure if needed
Whistler		Chris Jo	IE	Trident	Text	ClearType Support	n/a	Need to determine if a goal
Whistler		Chris Jo	IE	Browser UI		P3P Update	n/a	Not defined by W3C at present
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Spec Properties						Product(s)													
opt	opt	opt	opt	opt		opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt
Spec Title	Spec Owner	Spec Status	Stack Rank	Review	All / DC / AS / SVr / Pro / Per	Dev Est (Days)	In Mainline Build	Feature Status	Dev Lead	PM	Dev	Test	Int'l	PSS	UE	Design	Usability
			1			n/a		Started	JohnRed	RebeccN	JohnRed	GeorgeSt					
			1			n/a		No Design	AlanAu	ChrisVau							
			2			n/a		No Design	MohanB	BriandS	MohanB	YvesN					
			2			n/a		No Design									
			3			n/a		No Design									

1/3/2003

Master Feature Template - Whistler Planning

Please use this spreadsheet for Feature Planning work. You may continue to keep your own detailed models for special purposes, but you might want to use similar columns and column orders to make copy/paste into this format easier. There are 6 required columns (two are easy - Whistler and your GM name)

Why do we have to do this?

We must create a single, central feature list and spec web site for Whistler. One of the great breakdowns in Windows 2000 was that there never was a single feature list or common source of information. The impact was that the documentation team, SDK & DDK teams, PSS, field, marketing and many others had to find how & where each individual group documented their features, etc.

What do we need to do?

We are going to maintain a simple database on WinWeb that tracks all features, links to specs, and related info about the features. In order to do this, we first need to get to a common XLS format for feature reviews. Then we will be able to import the spreadsheets into the database to start out, so you don't have to enter each item individually. Then, WinWeb web pages will host the individual feature & spec web pages.

What's the difference between Feature, Work Item and Spec?

A Feature should be a reasonably short name that conveys the essence of what you're doing in terms that a marketing person can understand. A Work Item is an optional breakdown of the details necessary to implement a feature. A Spec is a document describing the feature & the workitems in more detail. There can be multiple Work Items and Specs for each Feature, but there is a 1:1 relationship between work items and specs. Even if there are no individual work items for a specific feature, there can be one or more than one spec.

Why have a bunch of optional columns if only 6 are required?

The 6 required columns are for the Feature Review process. The remaining columns are to allow many teams to use this as their master tracking spreadsheet, and to use when we import into the database. The more fields that are filled in, the more useful the common feature database will be to other teams. You can fill in the details later, however.

Click on the Features tab below to see the template

opt	Reqd	Reqd	Reqd	Reqd	opt	Reqd	Reqd	opt
	Only the five columns with Reqd above them are required for import							
Release	Theme	GM	Team	Area	SubArea	Feature	Code Complete	Work Item
Whistler	Whistler	so nase	app compat	Win9x Parity	app compat	New Shimming architecture	25-Feb	
	Engineering Process	so nase	app compat		app compat	Whistler regression pass from Neptune work	25-Feb	
Whistler				General				
Whistler	Whistler	so nase	app compat	Win9x Parity	app compat	Application fixes via shims and apps help	ongoing	
Whistler	Engineering Process	so nase	app compat	General	app compat	Tool creation and consolidation	ongoing	
Whistler	Engineering Process	so nase	app compat	Postponed Bugs	app compat	W2K Postponed Bugs	31-Mar	
Whistler	Consumer NT	so nase	app compat	General	app compat	Removing DOS full-screen mode	15-Mar	
Whistler	Engineering Process	so nase	app compat	Prefix Bugs	app compat	Prefb on Shimming mechanism	7-Mar	
Whistler	Deployment Blockers	so nase	app compat	Deployment blocker	app compat	SE work		
Whistler								
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1/8/2003

Spec Properties					Product(s)															
opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt	opt			
Spec Title	Spec Owner	Spec Status	Stack Rank	Review	All / DC / AS / Svr / Pro / Per	Dev Est (Days)	In Mainline Build	Feature Status	Dev Lead	PM	Dev	Test	Int'l	PSS	UE	Design	Usability			
	[effort]				X				[effort]											
					X															
			1		X				[effort]											
			2		X				[effort]											
			2		X				[effort]											
			2		X				[effort]											
			2		X				[effort]											
			2		X				[effort]											

1/5/2003

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Microsoft Corp Confidential   Feature Planning

opt	Reqd	Reqd	Reqd	Reqd	opt	Reqd	Reqd		opt
Release	Theme	SM	Team	Area	SubArea	Feature	Code Complete	Comments	Work Item
Whistler	Engineering Process	ChrisJo	Printing	Address the basics		Address known prefix bugs	28-Feb-00	Big request from HP, Canon and Xerox. Improves b/w printing performance to local devices. Almost already OC	
Whistler	Engineering Process	ChrisJo	Printing	Address the basics		Move to 64-Bit	31-Mar-00	64/32 bit driver interop problems also to be addressed (i.e. point/print from a 32 bit client to a 64 bit server). We need to maintain both 64 and 32 bit drivers and talk to IHVs	
Whistler	Engineering Process	ChrisJo	Printing	Address the basics		Address postponed bugs	31-Mar-00		
Whistler	Driver Quality	ChrisJo	Printing	DDK Quality		Live sample and doc. For UNs and PMs	28-Apr-00	Need to have better doc. For bidi support since we are only doing the basics (Item above)	
Whistler	Driver Quality	ChrisJo	Printing	DDK Quality		Live samples of all print components that can be used by IHVs but with the W2K DDK	28-Apr-00	Not time critical, but necessary, for driver coverage. Currently we DO have one driver (Plotter) that is on the W2K Gold and builds with the DDK	
Whistler	Deployment Blocker	ChrisJo	Printing	Enterprise support		Add missing scripting features to prnadmin tool	28-Apr-00	Move prnadmin scripting DLL from resource kit to actual product	
Whistler	It Just Works	ChrisJo	Printing	FAX Support		Received Fax Notification	31-Mar-00		
Whistler	Consumer Excitement	ChrisJo	Printing	FAX Support		Printer and Fax folder w/WebView	28-Apr-00		
Whistler	It Just Works	ChrisJo	Printing	FAX Support		Fax property sheet rehaul	28-Apr-00	(Remove from MMC)	
Whistler	It Just Works	ChrisJo	Printing	FAX Support/MFP	Fax component	Port IFAX CFSP fax codebase to Whistler and add MFP extensions to support the fax component in MFPs	28-Apr-00		
Whistler	Win9x Parity	ChrisJo	Printing	Good Device Coverage		Unidrv pseudo vector support	28-Feb-00		
Whistler	Win9x Parity	ChrisJo	Printing	Good Device Coverage		DrvDocumentEvent hookable (fax support)	31-Mar-00		
Whistler	It Just Works	ChrisJo	Printing	Good Device Coverage		Synch up w/Adobe PostScript changes	31-Mar-00		
Whistler	Win9x Parity	ChrisJo	Printing	Good Device Coverage		Allow OEMs to post-process PS data	31-Mar-00		
Whistler	Win9x Parity	ChrisJo	Printing	Good Device Coverage		Support DMA (vs port) in 1284 driver	31-Mar-00		
Whistler	Win9x Parity	ChrisJo	Printing	Good Device Coverage		Support for inkjet duplex	Done		
Whistler	It Just Works	ChrisJo	Printing	Good Device Coverage	In-box drivers	Add in-box print and MFP drivers to ensure a broad device coverage	Ongoing		
Whistler	It Just Works	ChrisJo	Printing	Good OOBE		Compatible ID support for next best match	31-Mar-00		
Whistler	It Just Works	ChrisJo	Printing	MFP Support		INF changing to support MFP install	28-Apr-00		
Whistler	It Just Works	ChrisJo	Printing	MFP Support		My Faxes Folder on par with My Pictures folder	28-Apr-00	UI Work in synch with the shell team	
Whistler	It Just Works	ChrisJo	Printing	MFP Support/Good OOBE		Dynamon enhancements for full DoT4 and 1394	28-Apr-00	Delta from base team deliverable	
Whistler	Millennium Port	ChrisJo	Printing	Millennium Feature		Port NetCrawler for printers	31-Mar-00		
Whistler	Deployment Blocker	ChrisJo	Printing	Performance		Improve server RAW performance to compete with Linux	31-Mar-00		
Whistler	It Just Works	ChrisJo	Printing	Robustness		Block installation of Kernel Mode drivers	28-Apr-00	Resource Blocked. Big request from IT managers and the TS-team. Ability to block installation of bad drivers that can BSOD the system and bring down an entire TS	
Whistler		ChrisJo	Printing	Win9x parity/Good Device Coverage		Bidi capabilities to enable IHV rich drivers with same functionality as Win95	21-Apr-00	Minimum functionality - just a fat pipe to the device.	
DCR	Deployment Blocker	ChrisJo	Printing	Enterprise support	Win9x parity	Client side rendering for resolving Whistler->NT4 server interop problems and to improve performance and adding off-line printing	30-Jul-00	Cut from Whistler deliverables. Working on this in parallel in case of any OFF/OCR. Could be a major blocking factor for deploying Whistler client in a NT4 server environment.	

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Release	Theme	GM	Team	Area	SubArea	Feature	Code Complete	Work Item
Whistler	Address the Basics	Chrisjo	UX	(0) Reengineering		Fix prefix bugs	31-Mar	
Whistler	Address the Basics	Chrisjo	UX	(0) Reengineering		Fix bug bugs	31-May	
Whistler	Address the Basics	Chrisjo	UX	(0) Reengineering		Fix postponed bugs	30-Jun	
Whistler	Address the Basics	Chrisjo	UX	(0) Reengineering		Fix Win64 bugs	28-Apr	
Whistler	Address the Basics	Chrisjo	UX	(0) Reengineering		Fix Millennium RTM bugs	5-May	
Whistler	It Just Works	Chrisjo	UX	(1) Logon and Security		Welcome screen	31-Mar	
Whistler	It Just Works	Chrisjo	UX	(1) Logon and Security		Account Mgmt CPL (Users & Passwords)	31-Mar	
Whistler	It Just Works	Chrisjo	UX	(1) Logon and Security		Multiple Desktop/Fast User Switching	31-Mar-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Default skin set (2 looks - consumer/pro)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Usability cleanup (mute inactive windows, dropshadows & full screen)	31-Mar-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Visual excitement (e g , animated hover and select)	31-Mar-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Improve fonts (default font and rendering style)	31-Mar-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Support high density displays	31-Mar-00	
Whistler	Consumer Excitement	Chrisjo	UX	(2) Visual Cleanup work		Config UI (above basic consumer/pro switch)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	UX	(3) New Windows Start Page		Desktop replacement page with better organization of Start Menu and desktop items	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	UX	(3) New Windows Start Page		Recent programs list (better tracking and launching of programs)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	UX	(3) New Windows Start Page		Recent files list (better tracking/launching of files)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo		(3) New Windows Start Page		Links to special folders (e g , My Docs), settings, etc	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo		(3) New Windows Start Page		End-user customization UI (personalization options)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo		(3) New Windows Start Page		OEM customization	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo		(3) New Windows Start Page		Skinning support	28-Apr-00	
Whistler	It Just Works	Chrisjo		(4) Simple Networking UI		Port/Modify Homenet wizard	28-Apr-00	
Whistler	It Just Works	Chrisjo		(4) Simple Networking UI		Changes to Network and dial-up connections folder	28-Apr-00	
Whistler	It Just Works	Chrisjo		(4) Simple Networking UI		Small changes to phone & modem options CPL	28-Apr-00	
Whistler	It Just Works	Chrisjo		(5) Simple Hardware UI		Autoplay for hardware	28-Apr-00	

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Release	Theme	GM	Team Area	SubArea	Feature	Code Complete	Work Item
Whistler	It Just Works	Chrisjo	(5) Simple Hardware UI		My Computer webview & system properties enhancements	28-Apr-00	
Whistler	It Just Works	Chrisjo	(5) Simple Hardware UI		API, rollback, pre-registered viewers, user prompts, better open with	28-Apr-00	
Whistler	It Just Works	Chrisjo	(5) Simple Hardware UI		web-based query	28-Apr-00	
Whistler	It Just Works	Chrisjo	(6) Improved Control Panels		new webview for CP	28-Apr-00	
Whistler	It Just Works	Chrisjo	(6) Improved Control Panels		merge display & themes in HTML UI, + skins picker	28-Apr-00	
Whistler	It Just Works	Chrisjo	(6) Improved Control Panels		break out add/remove programs tasks in a more inductive way	28-Apr-00	
Whistler	It Just Works	Chrisjo	(6) Improved Control Panels		update date & time cpl to the new webview	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	(7) Taskbar enhancements		New notification behavior	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	(7) Taskbar enhancements		Notification cleanup (e g , Print dialog to balloon UI)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	(7) Taskbar enhancements		Running tasks (glomming)	28-Apr-00	
Whistler	Consumer Excitement	Chrisjo	(7) Taskbar enhancements		Quicklaunch behavior (match OsX)	28-Apr-00	
	Consumer Excitement	Chrisjo	(8) Web Publishing & Sharing		Publish to Web	28-Apr-00	
	Consumer Excitement	Chrisjo	(8) Web Publishing & Sharing		Burn to CD	28-Apr-00	
	Consumer Excitement	Chrisjo	(8) Web Publishing & Sharing		Sign up for web storage (wizard pages)	28-Apr-00	
	Consumer Excitement	Chrisjo	(8) Web Publishing & Sharing		Generate web front end (wizard pages)	28-Apr-00	
	It Just Works	Chrisjo	(8) Web Publishing & Sharing		Sharing wizard	28-Apr-00	
	It Just Works	Chrisjo	(8) Web Publishing & Sharing		Share files on homenet (wizard pages)	28-Apr-00	
	It Just Works	Chrisjo	(8) Web Publishing & Sharing		Share files on local machine, with other users (wizard pages)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Expose common folder and file tasks dynamically in webview (media folders are pri 1)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Dynamic "Other Places" list for easier navigation	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		New grouping behavior, visuals, and UI (includes increasing thumbnail size)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		New Tiles view (icon on left, text on right) (listview)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Better sorting and order feedback	28-Apr-00	

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	Consumer Excitement	Chrisjo	(9) File Management Improvements		New folder thumbnails with 4 mini previews	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Changes to Open/Save dialog iMoniker support (SaveTo support for web, ftp and zip—includes legacy apps like NotePad)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Changes to Open/Save dialog respect view states, thumbnails preferred	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Population of related apps for special media folders (use open with)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		Online extensibility (links to online content within webview)	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		My Music folder on par w/my pictures folder	28-Apr-00	
	Consumer Excitement	Chrisjo	(9) File Management Improvements		My Video folder on par w/My Pictures folder	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		Slow network/threads/async	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		Side-by-side of key components (uxctldll)	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		General refinements to the shell, other work, TBD	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		Copy engine enhancements (better conf UI, error handling, and preflighting)	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		Improve thumbnail perf	28-Apr-00	
	Address the Basics	Chrisjo	(10) Architecture		Webview architecture, unifying templates and componentizing javascript code	28-Apr-00	

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Release	**Theme**	**GM**	**Team**	**Area**	**SubArea**		**Feature**			**Code Complete**	**Work Item**
Whistler	Cons Excite	ChrisJo	USER	Win32 User			UI Refresh for the non-client UI			31-Mar	
Whistler	It just works	ChrisJo	USER	Win32 User			HID Server integration			31-Mar	
Whistler	Basics	ChrisJo	USER	Win32 User			Window class versioning - Fusion			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Policy support			31-Mar	
Whistler	Basics	ChrisJo	USER	Win32 User			Bug fixes postponed from Win2k			post 3/31	
Whistler	It just works	ChrisJo	USER	Win32 User			Runas app support			31-Mar	
Whistler	It just works	ChrisJo	USER	Win32 User			Lame button			31-Mar	
Whistler	Basics	ChrisJo	USER	Win32 User			Composited painting			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Dynamic keyboard layout switching			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Remove reboot for enabling IMM/ME			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Ulnit GPI for cursor blink rate to be turned off			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			High resolution monitor support			31-Mar	
Whistler	It just works	ChrisJo	USER	Win32 User			Windows User Switching (Code reviewing TS teams work)			post 3/31	
Whistler	It just works	ChrisJo	USER	Win32 User			Implement Millennium's mellcoord features			31-Mar	
Whistler	Basics	ChrisJo	USER	Win32 User			Return mmd that values a PNP query			31-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Command Prompt accessibility support (dependant on Accessibility team defining work - 2 weeks set aside for this)			3-Mar	
Whistler	Deployment	ChrisJo	USER	Win32 User			Move U strings from genv to user mode for MUI			31-Mar	
Whistler	It just works	ChrisJo	USER	Win32 User			Touch screen support			31-Mar	
Whistler	It just works	ChrisJo	GDI	Win32 GDI			Improve TrueType rasterizer robustness for bad fonts			31-Mar	
Whistler	It just works	ChrisJo	GD	Win32 GDI			Remove reboot requirements for language packs			31-Mar	
Whistler	Win9x parity	ChrisJo	GDI+	Win32 GDI+			Integrate Millennium imaging dll support			15-Feb	
Whistler	Other	ChrisJo	GDI+	Win32 GDI+			GDI Plus engine			31-Mar	
Whistler	It just works	ChrisJo	Cicero	Win32 User			New input framework for FE			31-Mar	
Whistler	It just works	ChrisJo	Cicero	Win32 User			New input desktop management UI			31-Mar	
Whistler	It just works	ChrisJo	Cicero	Win32 User			New input cpl			31-Mar	
Whistler	Deployment	ChrisJo	MUI	MUI			Shell Folders & Shortcuts (MUI enabling)			31-Mar	
Whistler	Deployment	ChrisJo	MUI	MUI			Context Sensitive Help/Winhlp32 are MUI			31-Mar	
Whistler	Deployment	ChrisJo	MUI	MUI			Move U strings in Win32k sys out of kernel mode			31-Mar	
Whistler	Deployment	ChrisJo	MUI	MUI			No UI strings in registry for new components			ongoing	
Whistler	It just works	ChrisJo	MUI	MUI			No reboot for adding langpack - GD (front link CS)			31-Mar	
Whistler	It just works	ChrisJo	MUI	MUI			No reboot for adding langpack - USER (IMM)			21-Feb	
Whistler	Basics	ChrisJo	MUI	MUI			Fix postponed bugs			post 3/3	
Whistler	It just works	ChrisJo	MUI	MUI			Admin tool for install/UI restriction			31-Mar	
Whistler	Basics	ChrisJo	MUI	MUI			Pull local drivers/doc into MUI			31-Mar	
Whistler	It just works	ChrisJo	MUI	MUI			CHS/CHT font license for langpack			31-Mar	
Whistler	Win9x Parity	ChrisJo	NLS	NLS			Integrate Millennium region APIs with NLS behaviors			31-Mar	
Whistler	Win9x Parity	ChrisJo	NLS	NLS			Integrate Millennium Regional Options control panel changes			31-Mar	
Whistler	It just works	ChrisJo	NLS	NLS			Add Cicero UI to Regional Options control panel			31-May	
Whistler	Other	ChrisJo	NLS	NLS			Add support for the rest of the Indic locales (for Office 10) Punjabi, Gujarati, Oriya, Telugu, Kannada, Bengali, Malayalam & Assamese			31-Mar	
Whistler	Other	ChrisJo	NLS	NLS			Add support for the old Hangul characters for Korean sorting (for Office 10)			28-Apr	
Whistler	Other	ChrisJo	NLS	NLS			Add support for the Guitugon and Frisian locals			31-Mar	
Whistler	Basics	ChrisJo	NLS	NLS			Fix prefix and postponed bugs			post 3/31	
Whistler	Basics	ChrisJo	NLS	NLS			Incorporate suggestions from the performance team to improve NLS performance			post 3/31	
Whistler	Other	ChrisJo	NLS	NLS			Add support for additional locales of the CIS Kirghiz Mongolian (Cyrillic) Tajik & Turomen			31-Mar	
Whistler	Basics	ChrisJo	NLS	NLS			Add support for an invariant locale			31-Mar	
Whistler	Basics	ChrisJo	NLS	NLS			Add new NLS APIs to return Unicode general category			31-Mar	

1/3/2003

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Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Re-engineering	Win2k STI postponed & bugbug	1-Mar-00	
Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Re-engineering	Triage and address all Prefix bugs	15-Mar-00	
Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Platform requirement	Security and SCM support	15-Mar-00	
Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Platform requirement	NT Event logging integration	15-Mar-00	
Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Platform requirement	Win64 - WIA Services (one scanner & camera, No TWAIN compatibility layer)	31-Mar-00	
Whistler	Basics Re-engineering	ChrisJo	Imaging	Digital Imaging	Platform requirement	Win64 - WIA UI (Wizard, app. dialogs)	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Architecture	STI Kernel mode drivers for USB & SCSI	28-Feb-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Installer	Class installer programming interfaces	28-Feb-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Drivers	One scanner and one camera driver functional	1-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Architecture	Micro-driver for flatbed scanners	15-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Scripting	Scripting for device drivers	15-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Namespace	Camera & Scanner explorer extensions	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA App Dialogs	Scanner, Streaming Camera and still camera Common Dialogs	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA App Dialogs	Common open dialog camera integration	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Wizard	Scanner and Camera wizard	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	"My Pictures" folder	"My Pictures" folder integration	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	Screensaver	My Pictures Screensaver	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	MS Paint	MS Paint enhancements to support WIA	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA Drivers	PTP 15740 (driverless model for cameras)	31-Mar-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA TWAIN Compat	TWAIN compatibility layer for applications	15-Apr-00	
Whistler	Millennium Port (DRIVERS)	ChrisJo	Imaging	Digital Imaging	WIA Drivers	Port relevant Millennium drivers	28-Apr-00	
DCR	Consumer Excitement	ChrisJo	Imaging	Digital Imaging	Imaging	Imaging applet replacement - end user features (not programmatic)	30-Jun-00	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA SDK	SDK - update samples, documentation, etc. as needed	ongoing maintenance	
Whistler	Millennium Port	ChrisJo	Imaging	Digital Imaging	WIA DDK	DDK - update samples, documentation, etc. as needed	ongoing maintenance	
Whistler	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Architecture	Installer - support for MFP scanner component	31-Mar-00	
Whistler	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Architecture	DOT4 integration (bi-directional comm for MFPs)	15-Apr-00	
Whistler	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Wizard	Add ADF UI (needed for MFPs)	28-Apr-00	
Whistler	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Wizard	Scan to fax from "Scan Wizard" (for MFPs)	28-Apr-00	
Whistler	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Architecture	Scroll-fed scanner support (MFP support)	28-Apr-00	
Whistler	Device Coverage	ChrisJo	Imaging	Digital Imaging	WIA Drivers	Add drivers for new scanners, cameras, and MFPs	ongoing	
CUT	Re-engineering	ChrisJo	Imaging	Digital Imaging	Platform requirement	WMI integration	28-Apr-00	
CUT	Consumer Excitement	ChrisJo	Imaging	Digital Imaging	WIA Namespace	Integration with new shell UI framework	28-Apr-00	
CUT	Millennium Parity	ChrisJo	Imaging	Digital Imaging	WIA Drivers	IrTranP camera support	28-Apr-00	
CUT	New device class	ChrisJo	Imaging	Digital Imaging	WIA Drivers	Flash memory WIA driver	28-Apr-00	
CUT	It just works	ChrisJo	Imaging	Digital Imaging	WIA Architecture	Micro-driver enhancement for consumer scanner driver quality	30-Apr-00	
CUT	New device class	ChrisJo	Imaging	Digital Imaging	WIA Drivers	Flash memory card insert notification integration	30-Apr-00	
CUT	MFP Support	ChrisJo	Imaging	Digital Imaging	WIA Wizard & dialogs	Scroll-fed scanners support (MFP support)	15-May-00	
CUT	Consumer Excitement	ChrisJo	Imaging	Digital Imaging	WIA Troubleshooter	Troubleshooter integration	30-May-00	
CUT	New device class	ChrisJo	Imaging	Digital Imaging	WIA Wizard, dialogs, and architecture	Support for photo scanners & transparency units	31-May-00	

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