



Windows 7 Deployment

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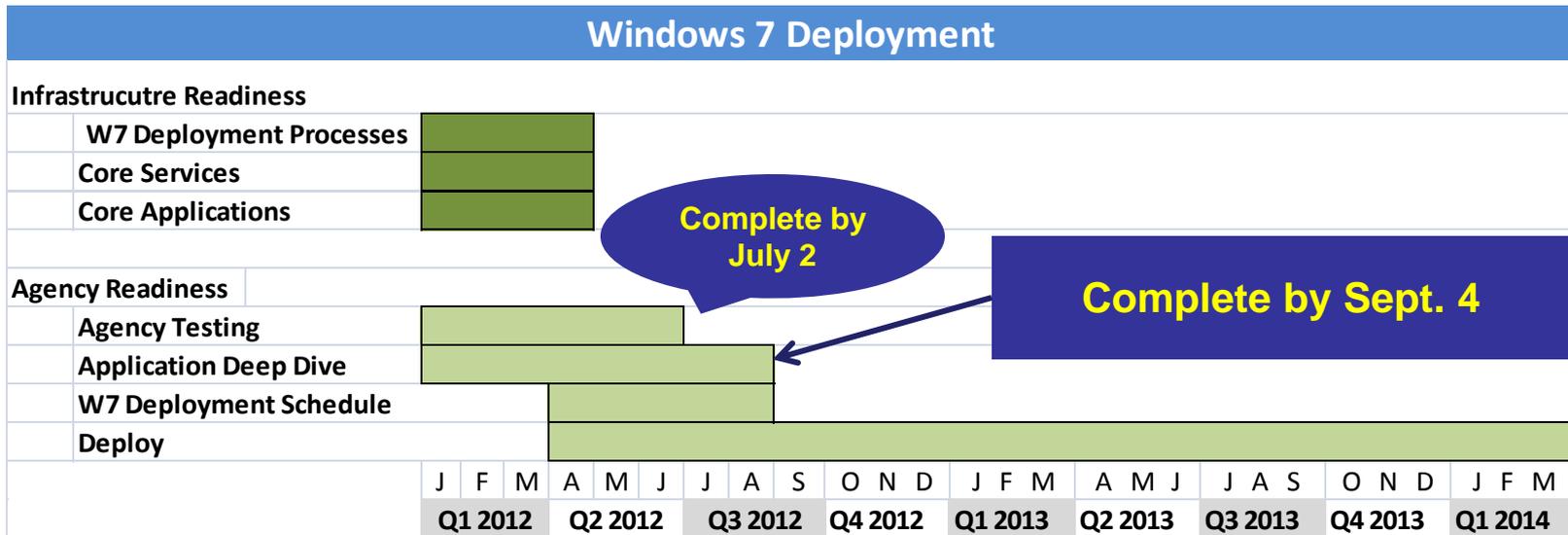


NORTHROP GRUMMAN

Windows 7 – Provides Efficient PC Platform

- Upgraded technical specifications
- Security and configuration enhancements
- Updated menus and buttons
- Improved and expanded user tool set
- Speedy access to your favorite Websites and documents
- Instant find capability to locate items on personal computers (PC)

Windows 7 Timeline



Key Dates:
 Deep dives complete by **July 2**
 Windows 7 deployment scheduled by **Sept. 4**

Infrastructure Readiness

- Windows 7 deployment processes
 - New hardware
 - PCs
 - Existing hardware
 - In-place deployment server for remote users
 - Automated upgrades via the network
- Core services
 - Service desk
 - End user services
- Core applications (in progress)
 - Remote management (PC Anywhere to replace Carbon Copy); no change for end user
 - CISCO “Anyconnect” VPN



Core Applications

- ✓
64-bit

- Microsoft Windows 7 Operating System
- Microsoft Office 2007 Professional Suite
- McAfee ePO Agent
- Proventia Host Intrusion Prevention for Desktop
- Cisco VPN Client Anyconnect 1.0
- Microsoft Media Player 10.0
- .NET Framework 3.5.1
- Altiris Software Delivery
- Microsoft Visual Basic Runtime
- Windows Internet Explorer
- Adobe Shockwave
- Symantec Endpoint Encryption
- Microsoft Forefront Identity Manager Client

- ✓
64-bit

- Altiris Inventory Agent
- Altiris Application Metering Quicktime
- CD/DVD Player/Burn
- Direct X
- File Compression
- Microsoft XML Core Services (MSXML)
- Microsoft Data Access Components (MDAC)
- Windows Installer
- Adobe Reader
- Apple Quicktime Player
- RealNetworks RealPlayer
- Microsoft Office Communications Server Client

Generic Applications

- Examples of applications packaged and available for agency load sets



Avery Wizard



**Visual C++ 2010 x86
Redistributable**



ArcGIS Explorer Desktop



**Visual C++ runtime
2008**



FileZilla



VZAccess Manager



GIMP



**Windows Mobile
Device Center Driver
Update**



Service Center Client



Desktop Manager



PuTTY



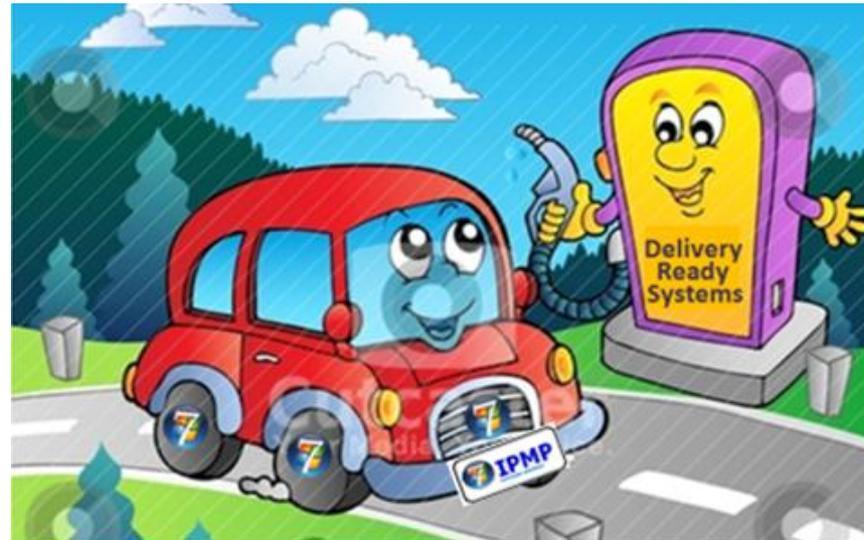
CutePDF



**JAVA Runtime
Environment 1.6.31**

Agency Readiness

- Windows 7 agency application deep dives
- Windows 7 application remediation
- Windows 7 readiness sign-off and schedule



It's Migration Time!

Application Readiness

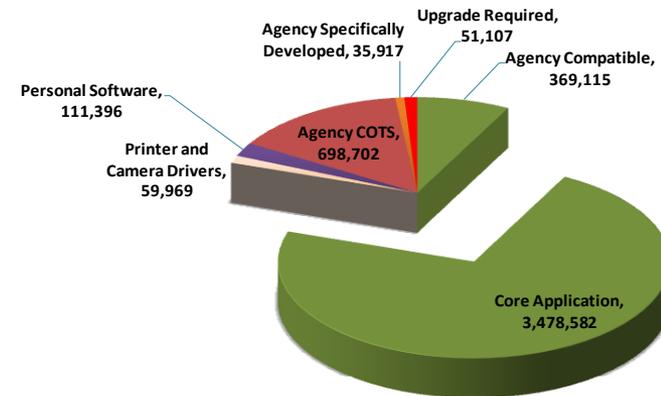
- Begin with the software inventory from reporting agencies
 - 15 million software objects across 38,000 unique titles
 - Filtered out the XP operating system and 10 years of patches
- Focus on the remaining 4.8 million software objects
- Performed gap analysis using Microsoft database of 27,000 titles
 - Each software package categorized as to compatibility
 - Approved by Microsoft
 - Verified by the software vendor
 - Agency verified
 - Not all software is compatible
 - Agency upgrades software or deems end of life

Agency Readiness Software Factors

Top 12 titles to test

Software Title	Installed	Recommendation
Oracle Runtime	21,652	
Attachmate	17,388	
Cardinal	12,486	
Image Resizer	12,280	
Oracle Jinitiator	7,542	
QLBCASL	7,174	
SMS	6,655	Use Altiris
OrgPublisher	6,257	
LIM Dolphin (DSS App)	6,145	
Remote Anywhere	6,069	Use Carbon Copy tool
Security Zone	5,969	Use Group Policies
Web Controls	5,926	Use Group Policies

Software Compatibility with Windows 7 Operating System

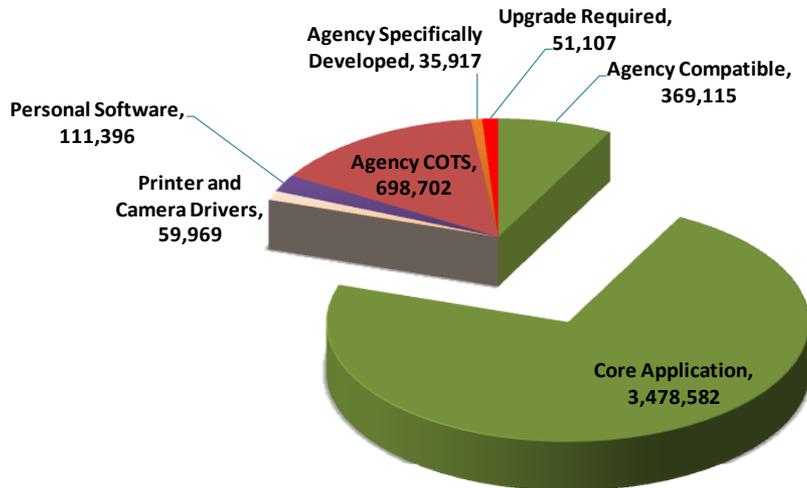


Package agency software as required to speed upgrades and PC refresh

Agency Readiness Software Factors

Early Identified Upgrades

Software Compatibility with Windows 7 Operating System

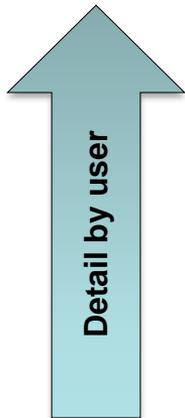


Software Title	Installed	Recommendation
Acrobat older than v9.1	12,543	Recommend Office 2007
Deskjet	1,400	Network Printer
Blackberry	777	RIM for update
Netscape	716	Internet Explorer
SnagIT	586	
Office Jet	475	Network Printer
Paper Port	436	
PhotoShop	368	
TweakUI	360	
Irma	353	VDH Application
Dreamweaver	293	
Kodak Easyshare	260	Check Kodak Website
Lotus Notes	248	

Package software once and use 80-plus times

Generic Example of Users

Agency Users	Agency COTS	Free upgrade required	Microsoft Verified	No info	Not Com-compatible	Paid upgrade required	Personal Printer	Printer Driver - Status Unknown	Vendor Verified	Agency Verified	Game	Grand Total		
Person 8	13	47	2	8		1	4		6	3	1	85		
Person 6	51	239	3	8		1	5		8	3	5	323		
Person 1	3	53	1	1					2			60		
Person 9	6	44		3			2		5	2		62		
Person 16	4	52	1	5			1		3	1		67		
Person 18	1	53		1			2			1	2	60		
Person 14	20	51	4	4			5	1	1	2	1	89		
Person 17	16	44	1	5	1		6		1	2	1	77		
Person 5	14	57		2			3		5	4	2	87		
Person 11	21	61	1	1			4		6	6	1	101		
More ...														
Grand Total	272	1177	24	72	1	1	7	53	1	64	43	19	1	1735



Agency Software Package Name	Count of Packages is 272
Pdf995	11
PANTECH PC Card Software	7
Kofax TWAIN Data Source	6
Windows PowerShell(TM) 1.0	5
QuickLink Mobile	5
HP Display Assistant	5
SDK	5
OCR Software by I.R.I.S 7.0	5
Windows Live ID Sign-in Assistant	4
HP Photosmart Essential	4

Key Tactical Actions for Success

Infrastructure	Agency	Action	Date
	✓	Schedule Agency Application Deep Dive	Today
	✓	• Approve the agency load	
	✓	• Develop upgrade plans for agency software – compatible with the Microsoft Windows 7 – 64 bit operating system	Sep 4, 2012
✓	✓	Plan and Schedule Windows 7 Deployment	
✓	✓	Complete Windows 7 Deployment	April 2, 2014

Act early and improve your PC's performance

Questions