Introduction to NICE Vista

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Agenda

- Part 1: Vista new features
- Part 2: Vista at CERN
  - Start of Vista support at CERN
  - Hardware requirements
  - NICE Applications on Vista
  - Helpdesk tools
- Part 3: Common problems & solutions
Part 1

Vista New Features
Vista new features

- User Account Control
- Graphical User Interface
- Local shadow copy
- Search and Indexing
User Account Control

• New security component on Vista
• Implements Least Privilege principle
UAC Run as Admin

- Right-click and select: „Run as administrator”
- You can also tick it in application’s properties
What about NiceAdmin?

- The idea of NiceAdmin was to have users running without administrative privileges.
- But on Vista everyone runs without admin token by default!
- So, no need for NiceAdmin on Vista.

Microsoft implemented in Vista what we had at CERN for a long time.
Graphical User Interface

- Windows Sidebar
- Windows Aero
  - Glass effect
  - Flip 3D (Windows-Tab)
  - Taskbar windows preview
Volume Shadow Service

- Previous versions are available for files stored on a Vista PC.
- Only C: drive by default
- You should still keep important files on your network folder!
• Search now works based on an index, which is updated in the background
• Faster for indexed locations
• Need to use „Advanced Search” for non-indexed locations
• Indexing options in Control Panel
• Indexed by default:
  – Outlook contents
  – Menu Start
  – Offline files
Part 2

Vista at CERN
Vista support at CERN

- Vista support at CERN starts **today**
  - For all new PCs bought from CERN stores
  - For older PCs satisfying hardware requirements

- Reorganise your folders: [http://cern.ch/login/account.aspx](http://cern.ch/login/account.aspx)

- XP is still the default OS
## Hardware requirements

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>1.0 GHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>2.0 GB RAM (*)</td>
</tr>
<tr>
<td><strong>Hard Disk</strong></td>
<td>60 GB</td>
</tr>
</tbody>
</table>

(*) The memory requirement may drop to 1.5 GB if your computer has a graphics card with dedicated memory.
## Supported models

<table>
<thead>
<tr>
<th>Vista Supported Desktop Models</th>
<th>Windows Aero</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP dc7700</td>
<td>✓</td>
</tr>
<tr>
<td>HP dc7600</td>
<td>✓</td>
</tr>
<tr>
<td>HP dc5750</td>
<td>✓</td>
</tr>
<tr>
<td>Elonex ProSentia</td>
<td>✓</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vista Supported Laptop Models</th>
<th>Windows Aero</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP Compaq nc6400</td>
<td>✓</td>
</tr>
<tr>
<td>HP Compaq nc6220</td>
<td></td>
</tr>
<tr>
<td>NEC Versa P550</td>
<td>✓</td>
</tr>
<tr>
<td>NEC Versa M360</td>
<td>✓</td>
</tr>
</tbody>
</table>

NICE Vista Diane installation currently possible only on the supported models!
NICE Applications on Vista

• Supported:
  – MS Office 2007 & Sharepoint Designer 2007
  – MS Project Professional 2007
  – MS Visio Professional 2007
  – Adobe Acrobat Reader 7.0.9
  – Adobe Acrobat Professional 7.0.7
  – Corel Graphics Suite X3
  – CERN Phonebook 6.5
  – Hummingbird Exceed 2007
  – Putty 0.58 (soon version 0.60b)
  – Symantec Antivirus 10.2 for Vista
NICE applications on Vista

- Also available, but not supported:
  - Adobe Flash Player 9.0.47.0 ActiveX
  - Sun Java SE Runtime Environment 6
  - 7-zip 4.42 (soon)

- Not available:
  - Hummingbird Exceed 2006
  - Microsoft Office 2003
  - Winzip 9.0
Helpdesk tools

- Computer Account Status:

- User Account Status:
  http://cern.ch/login/account.aspx

- Remote assistance
  - To connect to a Vista PC, use from Vista!
  - To connect to an XP PC, use from XP or Vista.
Part 3

Common Problems & Solutions
Common problems & solutions

- How to check if Vista will run on a given PC
- How to install Vista at CERN
- How to install Vista at home?
- How to log on
- How to interact with CMF installations
- How to run as admin
- How to configure a printer
- How to uninstall a program
- How to use windowsupdate
- How to improve performance
- How to check if Vista is activated
- How to find files in your home folder
- How find the „Run” window
- How to write in C:\
Q: How to check if Vista will run on a given PC
A: Go to „Computer Account Status” page:

How to install Vista at CERN

Use standard installation procedure (Diane):

1. Make sure your PC is registered as „Windows” in the network database: https://network.cern.ch/
2. Reboot your PC
3. Press „F12” to start network installation
4. Choose „Vista Enterprise” from the choice of operating systems.

If Vista is not listed in the choice of operation systems, it means it is currently not available for your hardware.
How to install Vista at home?

- CERN users can acquire from the CERN Bookshop in the library (52-1-52) one copy of Windows Vista Ultimate at the cost of 30 CHF.
1. Press „Control-Alt-Del”
2. If the user you see is not your domain user, click „Switch user”
3. Enter your email address and password.

- If you have more than one email address, you can use the Account Status Page to check which email address to use: [http://cern.ch/login/account.aspx](http://cern.ch/login/account.aspx)
- You can still use your windows user name, preceeded by „CERN\”.
Interaction with CMF installations

- On rare occasions, software, which is being installed by CMF, may need to interact with you.
- You will then see:

  ![Interactive services dialog detection](image)

  - A program can’t display a message on your desktop
    - The program may need information or permission to complete a task. Why does this happen?
    - Show me the message
    - Remind me in a few minutes
    - Show program details

- If your input is needed, the installation is blocked until you provide your input.
Interaction with CMF installations

- Follow up shown instructions and then click „Return now”: 

![Screenshot of Visual Studio 2005 installation process](image)
Run as admin

- You may start any application with administrative privileges:
  - Right-click the application
  - Choose „Run as admin” from the context menu
  - Confirm

- You may also change application’s properties to always run it with admin privileges
How to configure a printer

1. Start Control Panel and choose „Printers”
2. Click „Add a printer” on the toolbar

3. Choose:
   - Add a network, wireless or Bluetooth printer
     Make sure that your computer is connected to the network, or that your Bluetooth
     or wireless printer is turned on.

4. Don’t worry when you see: No printers were found.
5. Choose:
   - The printer that I want isn’t listed
6. Choose:

7. Enter your building number:

8. Select your printer, click OK and confirm driver installation.
How to uninstall a program

• First try „Add/remove CMF packages“:

  Find your program on the list, unselect the checkbox and click „Save”.

• If your program is not listed, then it is not managed by CMF. In this case, you need to uninstall it from „Programs and Features” in Control Panel:
How to use Windows Update

• Run „Windows Update” from Control Panel:

• Choose „Check for updates” to connect to CERN local copy of Windows Update, or

• Choose „Check online for updates from Windows Update”

Windows Update

Check for updates for your computer

Always install the latest updates to enhance your computer’s security and performance.

Check for updates

Most recent check for updates: 03/08/2007 at 15:23
Updates were installed: Never
You have Windows set to: Never check for updates (not recommended)
You receive updates: Managed by your system administrator
Check online for updates from Windows Update
How to improve performance

Basic suggestions:

• Make sure you have 2 GB of memory
• Disable Sidbar:
  ![Sidebar settings](image)
• Disable transparency:
  1. Right-click desktop, click “Personalize”
  2. Choose “Window Color and Appearance”
  3. Untick the “Enable transparency” checkbox
• Disable Aero:
  1. Right-click desktop, click “Personalize”
  2. Choose “Theme”
  3. Choose “Windows classic” and click “OK.”
How to check if Vista is activated

- Open „System” from control panel
- Look for the „Windows activation” section at the bottom

- Note: Vista can only be activated on PCs connected to the general network. It will not be activated on the technical network
How to find files in your home folder

- Your home folder on the server is not indexed, so Windows search will not find them.
- But we observed that if you type the name of the file in the „Search” box in menu Start, and wait, they will be found.
- If you click „See all results”, they will not be found.
- They will be indexed, if you make them available offline.

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How to find the „Run” window

• The „Run” window has been replaced by the „Start search” window.

• In this window, you can type names of applications that you want to start:

• If you really need the old „Run” window, press Windows+R buttons.

• You can also bring the „Run” window back to menu Start: Right-click on taskbar, choose properties, choose „Start menu” tab and click „Customize” button.
How to write in C:\

• Don’t!

• Files stored on local drive will be lost in case of hardware failure.