

MS Windows @ NIKHEF (ET special)

CT system support

Outline

- **Windows servers**
- **Network (extern access)**
- **Desktops**
- **Virus / security**
- **Applications**
- **Laptops**

!! Interactive !!

Windows Servers

- **Domain service 'nikhef' domain:**
 - Primary Domain Controller 'houting' (W-NT)
 - Backup Domain Controller 'legolas' (W-NT)
- **File service:**
 - 'windows home' and 'project' on W-NT server 'paling'
 - Unix file service via 'samba'
- **Application service:**
 - Terminal server 'vuurneon' (W-2000)

Windows server update

- **Update to W-2003 server and Active Directory**
- **When: Xmas holidays**
 - Most probably on Monday before Xmas
- **What will change from user point of view?**
 - Better control 'profile space'

Local Area Network

- **Windows systems concentrated in 2 segments:**
 - PCnet1 (192.16.195.0) almost full
 - PCnet2 (192.16.194.0) available soon
- **1 segment available for laptops and other user-managed systems:**
 - Guestnet / Dialinnet (192.16.192.0)
 - Wireless available in conference rooms
- **Do not (re)connect systems yourself:**
 - E-mail: patch-request@nikhef.nl
 - Web form: <http://www.nikhef.nl/nikhef/computing/requests/patch.html>

Access to Windows from outside

- **Protected by firewall**
 - All incoming requests blocked
- **except ...**
 - Secure ftp service on 'paling'
 - On special request
- **Access rules set more strictly recently**
 - Serious incidents in August

Windows desktop systems

- **About 200 Windows desktops installed**
 - Plus laptops ...
- **Almost all of them are DELL Dimension**
 - Today's standard reference desktop costs 1700 Euro (incl flat screen and BTW).
- **Supported Windows versions:**
 - W-NT (only in legacy application like the MDT cleanroom)
 - W-2000
 - W-XP Professional (default installation today)

System installation/updates

- **(Semi) automatic installation ('ghost', 'RIS')**
- **Update policy:**
 - Automatic updates for 2000 and XP every day
 - Automatic reboots scheduled whenever required
 - Updates downloaded from local SUS server
 - Only critical system updates
- [policy not implemented for laptops]

Virus protection

- **Symantic AntiVirus**
 - Protects files on server and local disk
 - Automatic update of definition files (not for laptops!)
- **Sophos AntiVirus**
 - Incoming mail scanned for viruses on mail server
 - Automatic update of definition files

User rights

- **Domain administrator**
- **Local administrator**
- **User**
- **ET Windows system manager**
 - 'local administrator' rights
 - Gerard, Yavuz, Daniel

Default installed applications

- MS Office
- Outlook Express
- Netscape
- AutoCAD
- Exceed
- Winclient SSH
- Acrobat reader
- Ghostscript
- GSview
- HPGL viewer
- Realplayer
- Windows Media Player
- Winzip
- etc

Installation department/user specific applications

- **In case administrator rights needed:**
 - For default application: CT helpdesk
 - For ET specific applications: ET system manager
- **In case administrator rights NOT needed:**
 - Do it yourself
- **Note: 2000 and XP more restrictive!**

Application update policy

- Not automated
- Updates on request

Laptops

- Laptop managed by its owner
- Owner responsible for security
 - System updates
 - Application updates
 - Virus definition updates
- CT can only offer limited support to laptop users
- [do not forget: register for CERN visits]

Questions ??