

SUPPORT IWBS2004_support_pdf IWBS2004_support_compact_pdf**Networking environment:****General:**

- A wireless network (WLAN) will be set up for use by the workshop participants.
- Connections to the Ethernet based network (LAN) are possible through publicly accessible Ethernet sockets.
- 3 laptops (Windows XP) will be set up for general use by the workshop participants. These laptops will be connected to the LAN.

LAN (10/100 Mbps Ethernet) / WLAN (11/54 Mbps IEEE 802.11b/g):

- provider: PSI
- subnet-mask: 255.255.255.0
- broadcast: 192.168.0.255
- network: 192.168.0.0 (class C)
- gateway: 192.168.0.1
- wlan-channel: 5
- wlan-ssid: iwbs2004
- wlan-security: none
- domain-name: iwbs
- domain-name-servers: 192.168.0.1
- WLAN Router Configuration (reachable at the workshop only and password protected)

WAN (10/100 Mbps Ethernet):

- provider: Hotel Kirchbühl
- subnet-mask: 255.255.255.0
- broadcast: 10.0.0.255
- network: 10.0.0.0 (class C)
- gateway: 10.0.0.22

Internet (ADSL-I, 600 (downstream) / 100 (upstream) kbps):

- provider: bluewin
- contact: TUCOM computer
- domain-name: bluewin.ch
- domain-name-servers: 195.186.1.111 (primary), 195.186.1.110 (secondary)
- smtp-server: mail.bluewin.ch
- news-server: news.bluewin.ch

Printing:

- Printer name: XeroxPhaser8200DP
- Printer queue: XeroxPhaser8200DP
- Printer specifications of Xerox Phaser 8200DP (PPD file)
- Print server: PC3050
- IP address: 192.168.0.10 (PC3050)
- Setup:
 - **Linux** with RedHat print manager: Queue Type "LPD" / Printer Server Address 192.168.0.10 / Printer Queue Name XeroxPhaser8200DP / Select *Generic Postscript Printer*
 - **Linux** with RLPD package: `rlpr -PXeroxPhaser8200DP@192.168.0.10 <filename>`
Optional double sided print with phaser8200duplex script: `cat <PS filename> | phaser8200duplex <Book or Calendar> | rlpr -PXeroxPhaser8200DP@192.168.0.10`**Windows:** setup Network Printer \\PC3050\XeroxPhaser8200DP (if you are asked to login, specify the user "iwbs2004" and password "iwbs2004").
 - **Mac:** IP Printing / Printer Type LPD/LPR / Printer address 192.168.0.10 / Queue Name: XeroxPhaser8200DP

File Server:

- /software (read only)
- /exchange (all workshop participants have read and write access). This folder is supposed to be used to transfer electronic presentations to the presentation laptops
- Setup:
 - **Linux:** use our special IWBS file server mount script iwbsmount (and iwbsumount to unmount). First download these scripts (save as...) to /usr/local/bin on your laptop. Change the file permission as follows: `chmod 755 /usr/local/bin/iwbsmount` and `chmod 755 /usr/local/bin/iwbsumount`. Type `iwbsmount` and after the successful connection to the fileserver you will find /iwbs2004/software and /iwbs2004/exchange on your laptop.
 - **Windows:** connect to \\pc3050\software and \\pc3050\exchange as user "iwbs2004" and password "iwbs2004"
 - **Mac:** connect with `smb://iwbs2004@192.168.0.10/software` and `smb://iwbs2004@192.168.0.10/exchange` using the password "iwbs2004".

Presentation environment:**PresentationSetup:**

- 1 beamer (plus 1 spare) for electronic presentations
- 1 overhead projector for transparency based presentations
- 2 big presentation silver screens
- 2 presentation laptops running Windows XP with installations of Microsoft Office XP, OpenOffice.org 1.1.3 and Adobe Reader 6.0 (One laptop is in use while the other one is being prepared for the next presentation and vice versa)
- 1 VGA signal switch
- Powerful green laser pointer
- Wireless "slide remote control"

- **Electronic "Speaker Timer"**
- **2 spare USB memory sticks**

Upload of Presentations at the Workshop (two possibilities):

- Upload your presentation to both presentation laptops by means of a USB memory stick before the session starts.
- Copy your presentation from your own laptop to the file server \\pc3050\exchange (see above). Then you can either download your presentation from the fileserver to both presentation laptops onto the local hard disks (preferred way of uploading) or you run your presentation via the network from the file server.

Important Information for Speakers:

Presentation:

- There is no computer running a presentation on "stage". Your presentation runs on one of the two laptops (Windows XP) on the Chairman's desk.
- Upload your presentation to both presentation laptops by means of a USB memory stick before the session starts (see above).
- Once the Chairman has started your electronic presentation you will have full control over your presentation with a keyboard and a mouse on "stage".
- Additionally we will provide a simple and easy to use wireless "slide remote control" with two buttons (one slide backward / one slide forward).
- During your presentation the Chairman can help you "online" if you have a problem with your presentation. He/She has parallel access to your presentation.
- More information about the presentation setup can be found here: Instructions for Speakers and simplified schematic).

Timing:

- We will provide the so called "Speaker Timer". This timer allows you to manage your remaining presentation time.
- The Chairman sets up the time (in minutes) and controls the timer with his mouse and keyboard.
- Your screen shows the minutes remaining together with a horizontal bar.

Important Information for Chairmen:

Presentation:

- The presentations run on the laptops on the Chairman's desk. The next presentation can be prepared by the Chairman on the other laptop while the first presentation is running. After the first presentation has finished, the Chairman switches to the other laptop by pressing the button on the VGA switch box. (More information about the presentation setup can be found here: Instructions for Chairman and simplified schematic).
- The Chairman needs to make sure that all presentations are available on both presentation laptops (preferred) or on the fileserver (see above) before the session starts.

Timing:

- The Chairman operates the "Speaker Timer". He sets up the time (in minutes) and controls the timer with his mouse and keyboard.

Links to useful software:

- Multi platform:
 - OpenOffice.org - Home page
 - Adobe Reader - Download
 - Mozilla - 1.x home page
- Linux:
 - RLPR - Remote printing made easier (Local: RPM/TGZ for RedHat 7.x (Built from SRPM))
 - phaser8200duplex - Duplex printing on Phaser 8200DP
- Windows:
 - PuTTY - A Free Telnet/SSH Client (Local: ZIP for Windows 95, 98, ME, NT, 2000, XP)
 - TTSSH - Enhanced Telnet/SSH2 Client (Local: ZIP for Windows 2000, XP)
 - WinSCP - Freeware SFTP and SCP client for Windows (Local: EXE for Windows 2000, XP)
 - OpenOffice.org 1.1.3 (Local: EXE for Windows 98, ME, NT with Service Pack 6 or higher, 2000 or XP)
 - Adobe Reader 6.0 (Local: EXE for Windows XP)
 - Mozilla Firefox (Local: EXE for Windows 98, 98SE, ME, NT 4.0, 2000, XP)
 - LevelOne WPC-0300 WLAN PCMCIA-Adapter (Local: Documentation & Drivers for Windows 98, ME, 2000, XP)
 - LINKSYS Wireless Ethernet Bridge 2.4 GHz 802.11b Configuration Software
 - NetStumbler v0.4.0 (active WLAN Scanner Software) Release Notes (Local: EXE for Windows 2000, XP)
- Misc:
 - PPD file - Xerox Phaser 8200DP

Maintained by Martin Heiniger (PSI) Last update December 15, 2004 10:12 CET

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