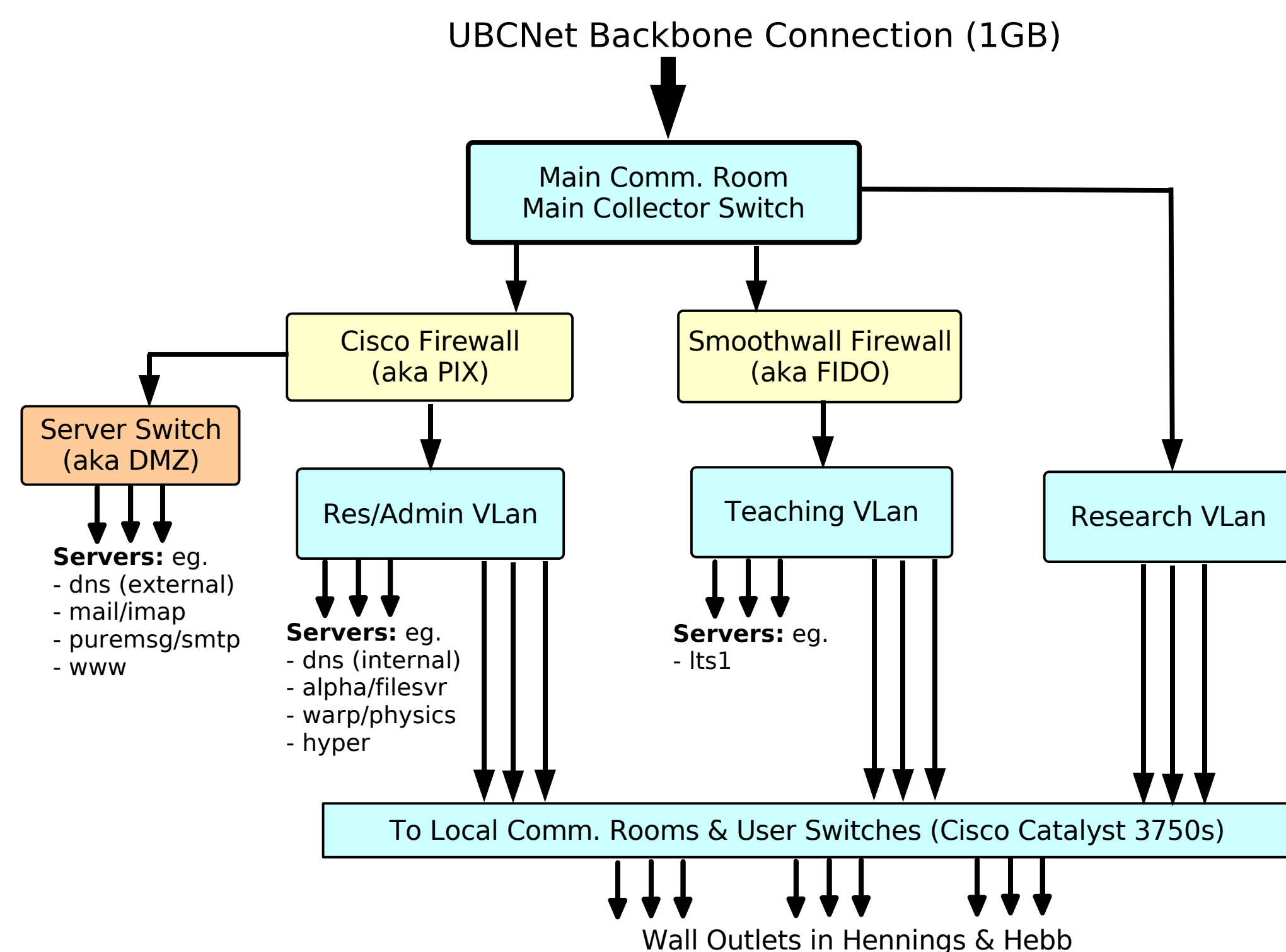
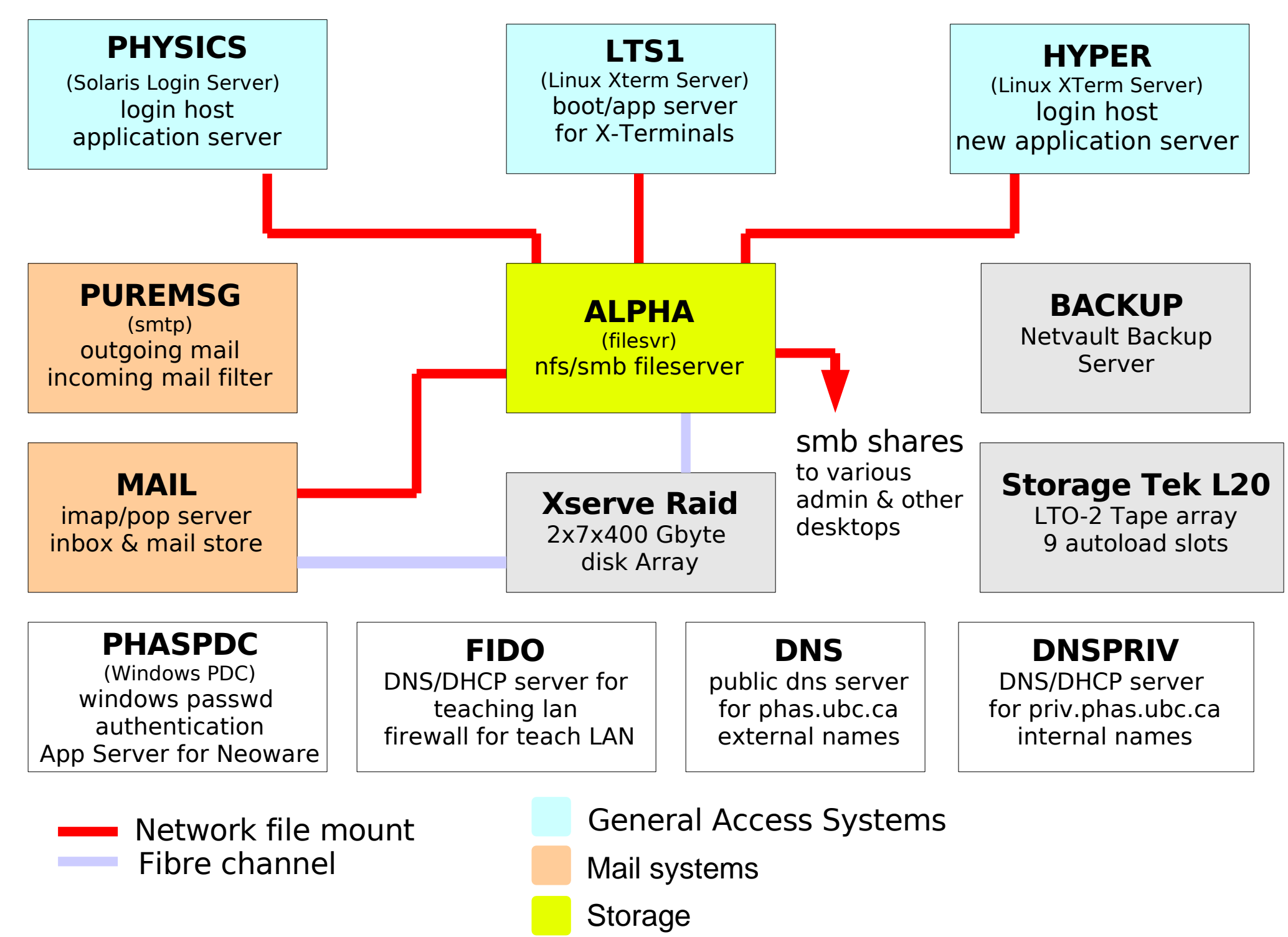


PHAS IT SERVICES

NETWORK



SERVERS



TEACHING LABS

IT support for undergraduate teaching:

- any student enrolled in a Physics, Astronomy or related course can get a local login & use these public resources
- The Hennings labs are generally open at all times & provide local resources and access to the application servers
- Students are given access to printing & email
- popular software include: Mathematica, Maple, Extrema, OpenOffice

1st Year Honours Physics Lab (Hebb 30)

- Neoware X-terminals
- logins to warp (solaris) or alicia (windows)
- Courses: Phys 109, Science 1

Optics Labs (Hebb Basement)

- 6 Linux workstations for image capture
- 2 Windows workstations for instrument control
- Courses: Phys 308, Phys 458

Schrum Lab (Henn203)

- public X-terminal Lab
- logins to warp(physics) or ariel (astro)

Windows Lab (Henn203a)

- public Windows based workstation Lab

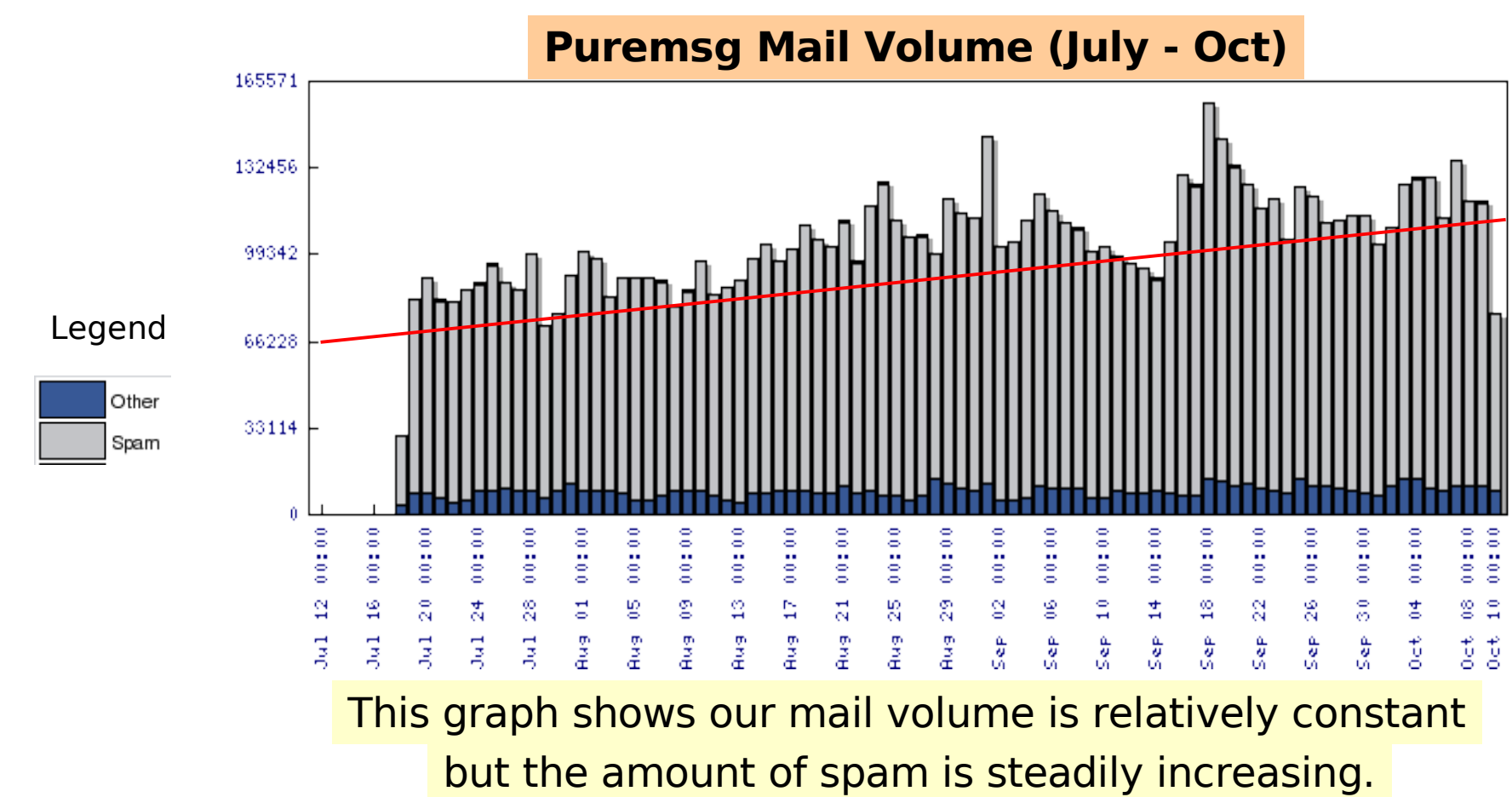
Linux Lab (Henn205)

- public Linux based workstation Lab
- Phys 210, Phys 410 + others

Astro Lab (Henn205)

- public Linux based workstation Lab
- Astr310, Astr311, Astr100, Astr101

MAIL SERVER STATS



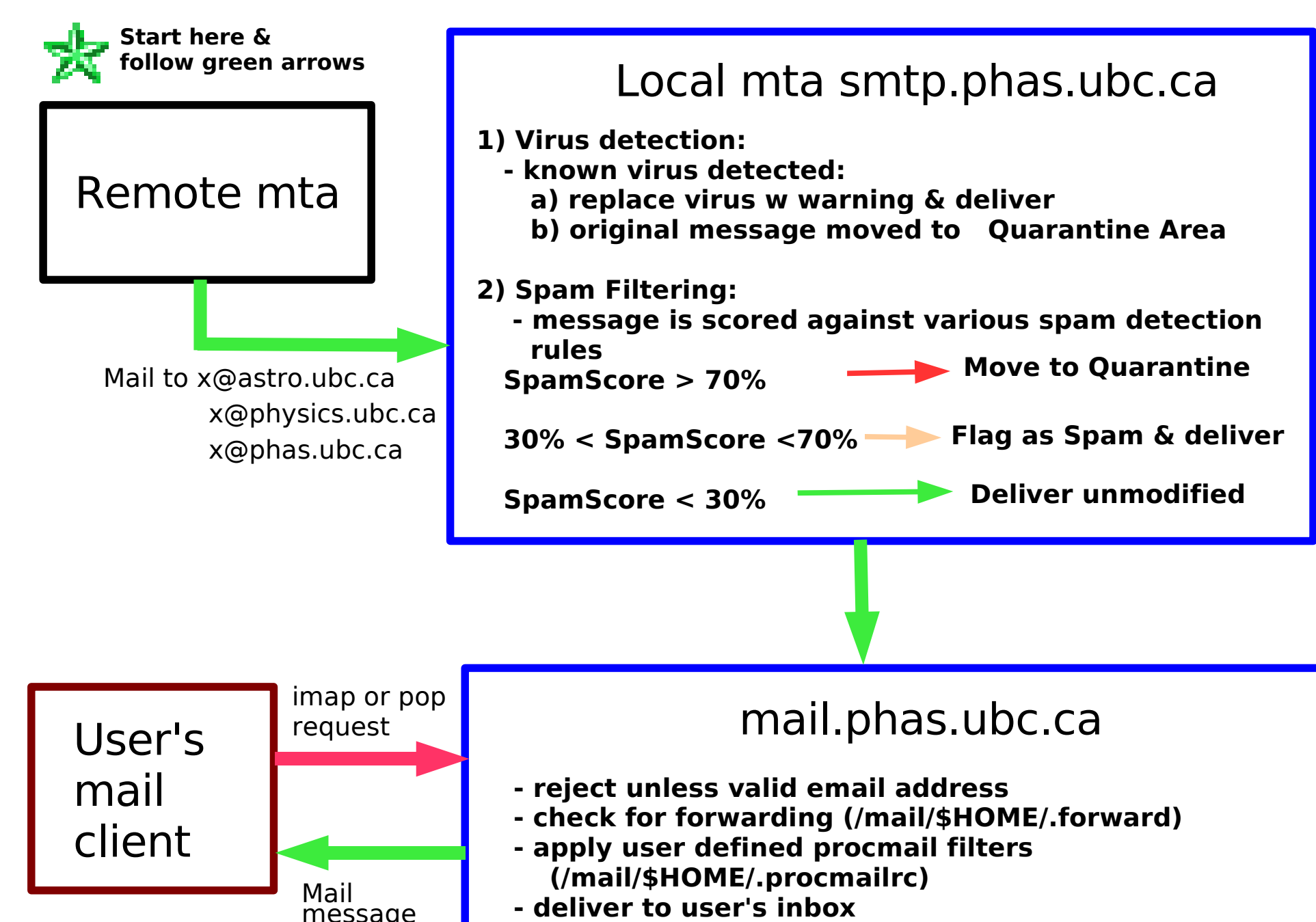
Typical Puremessage Daily Statistics:

Total bytes transferred: 1403.4 MB
Messages Out: 10875
60981 sending hosts attempted 100739 messages
1064 destination hosts received 10875 messages
102529 senders sent a combined 134120 messages

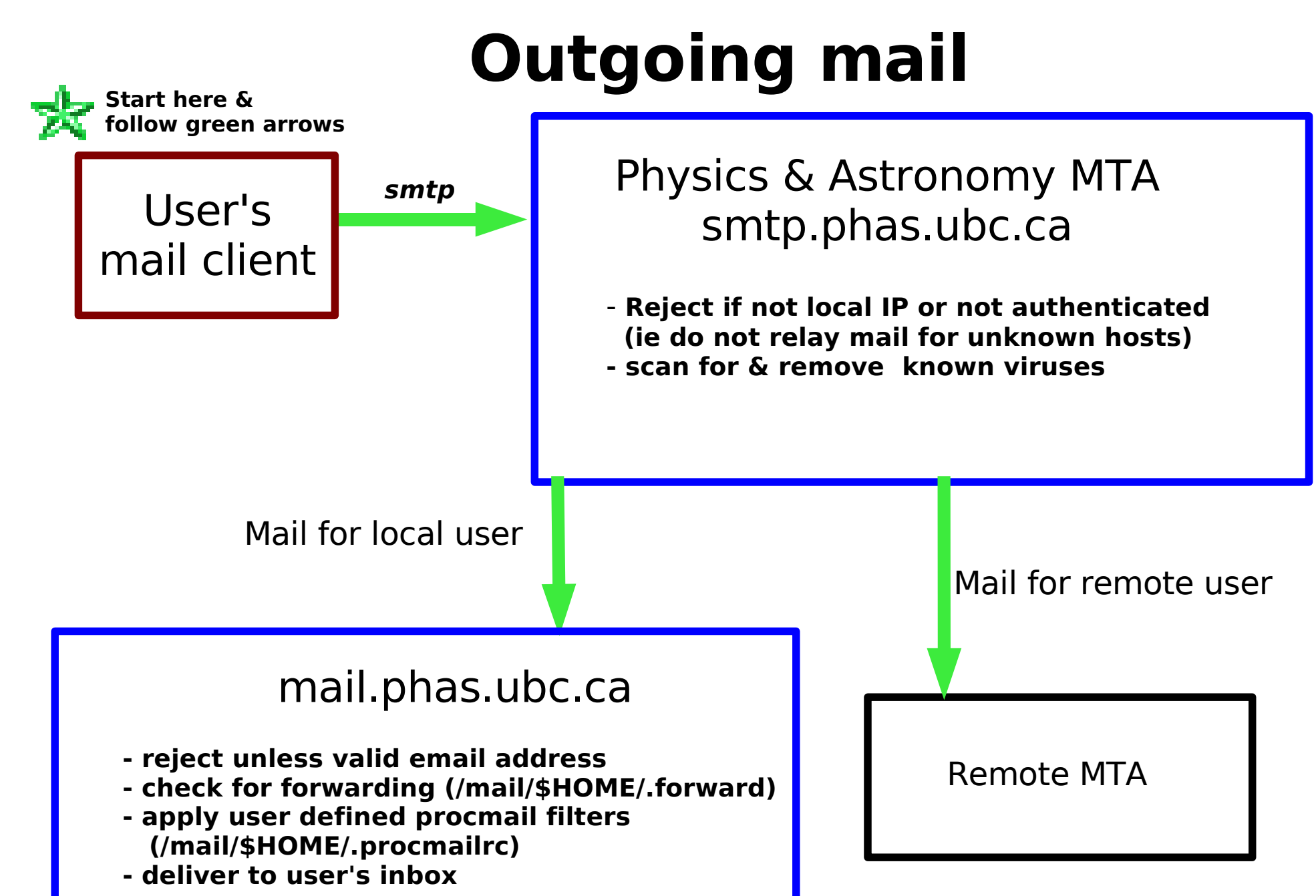
Messages per hour (each dot is 14 messages)

Hour	Messages
0	117
1	104
2	104
3	231
4	220
5	220
6	220
7	220
8	220
9	220
10	220
11	220
12	220
13	220
14	220
15	220
16	220
17	220
18	220
19	220
20	220
21	220
22	220
23	220

INCOMING MAIL FLOW



OUTGOING MAIL FLOW



OPEN SOURCE

Open source refers to the users' freedom to use, copy, distribute, study, change and improve the software by following particular and well-defined licensing rules

Operating Systems:

Linux – literally 100's of distributions:



Fedora: fedoraproject.org

Fedora Core is an operating system and platform, based on Linux, that is always free for anyone to use, modify and distribute, now and forever. Fedora Core is part of the Fedora Project, sponsored by Red Hat, Inc.

Mandriva: www.mandriva.com

And others:



The OpenSolaris project is an open source project sponsored by Sun Microsystems, Inc. that is initially based on a subset of the source code for the Solaris Operating System.



FreeBSD® is an advanced operating system for x86 compatible (including Pentium® and Athlon™), amd64 compatible, UltraSPARC®, IA-64, PC-98 and ARM architectures. It is derived from BSD, the version of UNIX® developed at the University of California, Berkeley.

Application Software:



OpenOffice.org is a multiplatform and multilingual office suite and an open-source project. Compatible with all major office suites, the product is free to download, use, and distribute.

OpenOffice.org 2.0 and its sibling commercial office suite, and StarOffice 8 are the most mature tools available today to users seeking to create documents in Open Document Format (ODF).



The Apache Software Foundation
<http://www.apache.org/>

The apache http (web) server & many others projects



The GNU software project from the Free Software Foundation
Includes many of the unix utilities used by linux distro's (gcc, gmake, emacs,...), desktops tools (gnome) and complete application suites (GIMP, octave)

OPEN DOCUMENT

IT'S ALL ABOUT CHOICE

The ideal for a standard file format for electronic documents is one that is open, accessible to everyone, and that can be implemented in any kind of software -- whether of the commercial type, or of the Free Software or open source type.

The OpenDocument Format (ODF) is the open standard implementation of XML for electronic office documents that was ratified by the International Standards Organization (ISO) in May 2005.

The ODF is already the target of IT policy or legislation in Massachusetts, Minnesota, the Bristol City Council (England), and at the national and municipal government levels in Belgium, Denmark, France, Australia, S Korea, and Malaysia, among others.

Microsoft's proprietary formats (including their XML) are not ODF compliant and are designed solely to lock you in to using Microsoft software – choice is not an option!

Please help promote the use of ODF at UBC and in all your work.

Never send documents in MS Office formats (thereby forcing others to use MS Office) and don't accept MS Office formatted documents from others (who thereby force you into using it!).

OpenOffice.org 2.0 and its sibling commercial office suite, and StarOffice 8 are the most mature tools available today to users seeking to create documents in ODF. We strongly support their use for all your work.

