

MZUZU UNIVERSITY CAMPUS NETWORK

DAURICE K. NYIRONGO
MALAWI

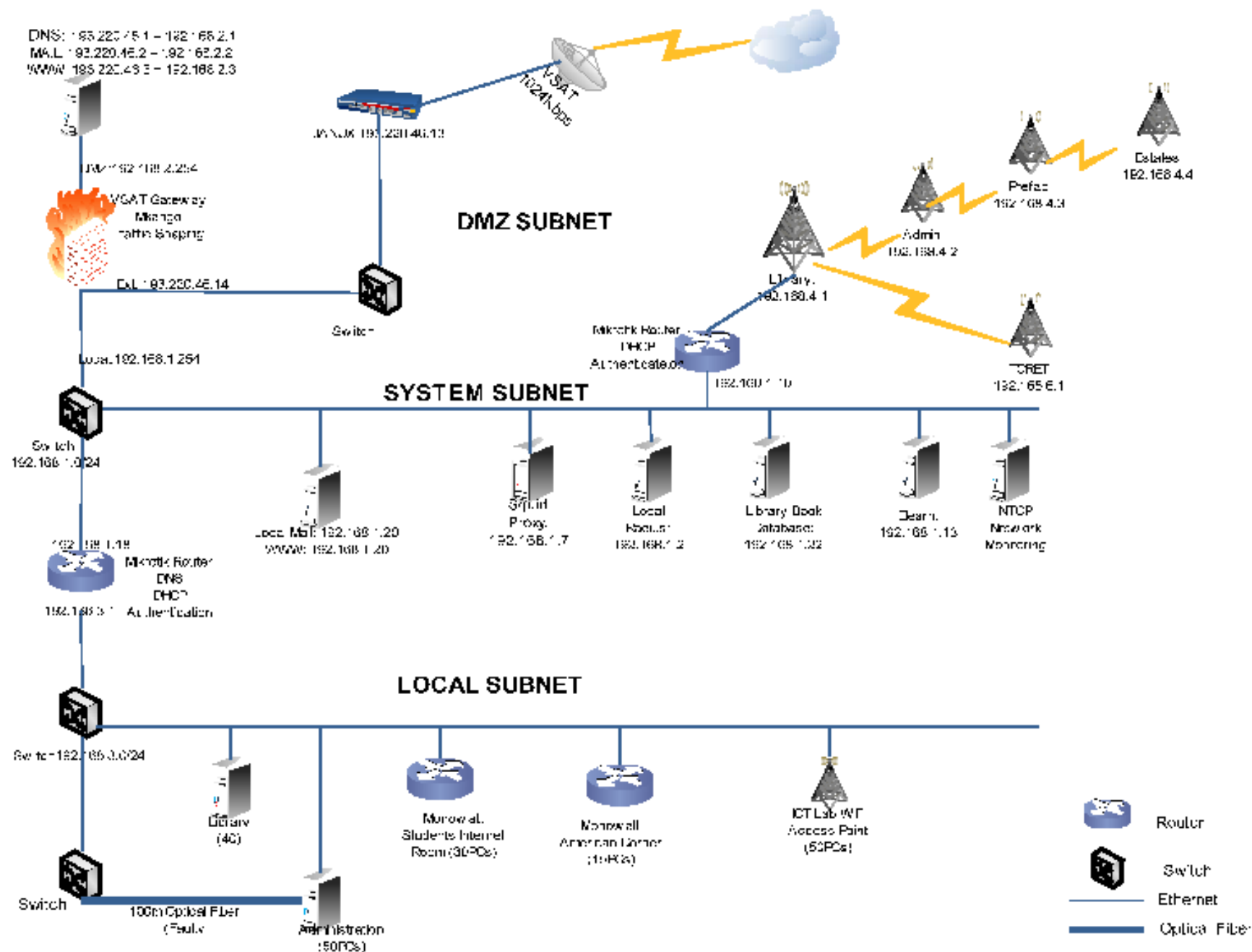
ABOUT MZUZU UNIVERSITY

- Mzuzu University is an institution of higher learning.
- The first students were admitted in January 1999.
- Since its inception, Mzuzu University has grown from one (1) Faculty and centre to seven (7) faculties and three (3) centres.
- Has student population of over 2000 full time students.

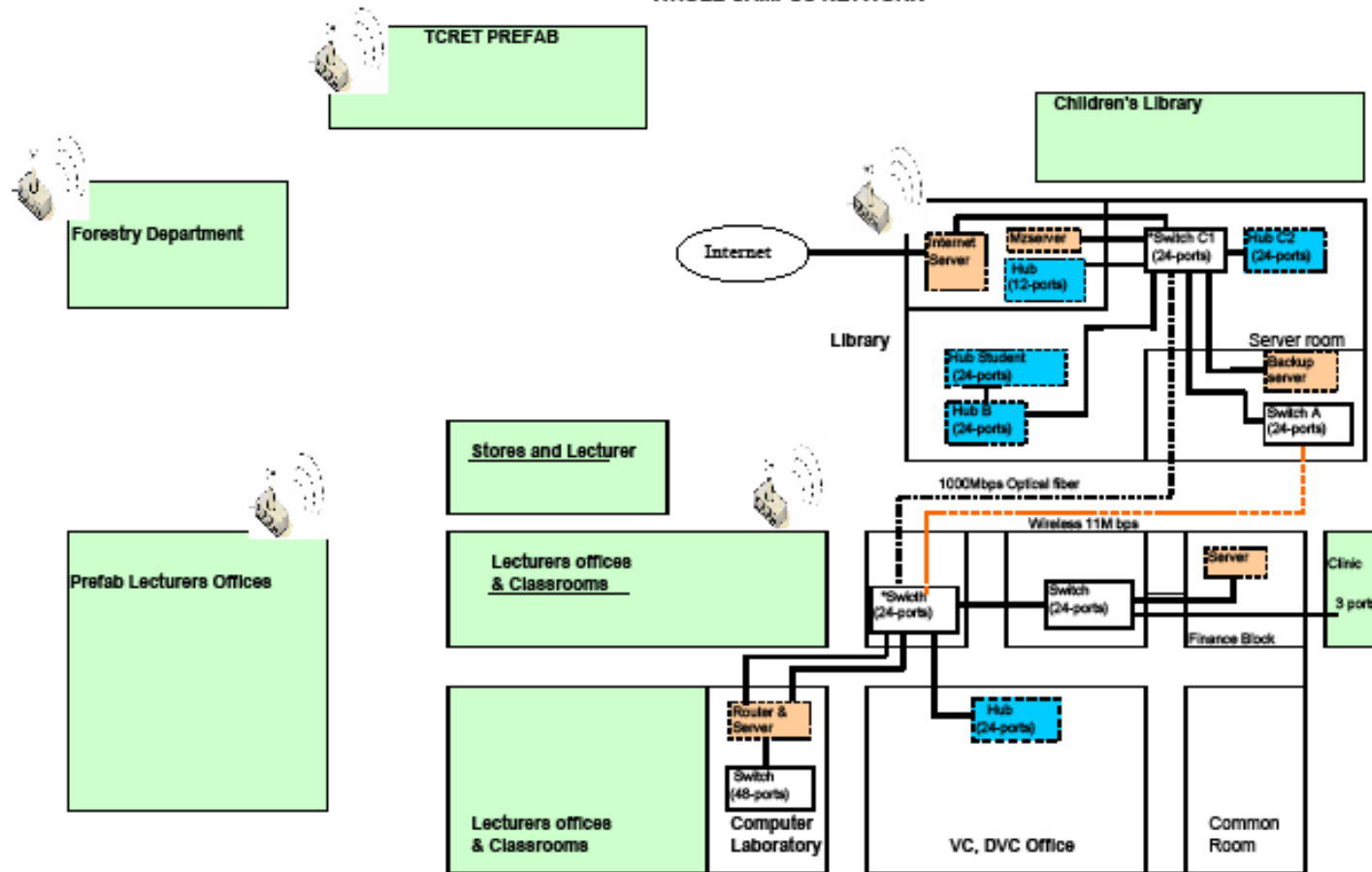
CURRENT NETWORK

- The Library and Learning Resources Centre offers Internet connectivity and IT services to students, staff and the community.
- Local Area Network has a combination of wireless and wired.
- Internet access is through V-SAT with a bandwidth of 1024kbps downstream, and 256kbps upstream.

MZUZU UNIVERSITY CAMPUS NETWORK



WHOLE CAMPUS NETWORK



- Some equipments currently used
- current used server
 - current used hub
 - Buildings using Wireless LAN

PROBLEMS

- **Bandwidth is not enough**
- **VSAT is expensive.**
- **Lack of antivirus.**
- **Frequent power failures.**
- **Lack of resources. i.e. No Redundancy**
- **Wireless Network unreliable**

Proposed solutions

- Implement a full wired network with fiber backbone

Thank You!