

Status regarding mmREN in Myanmar

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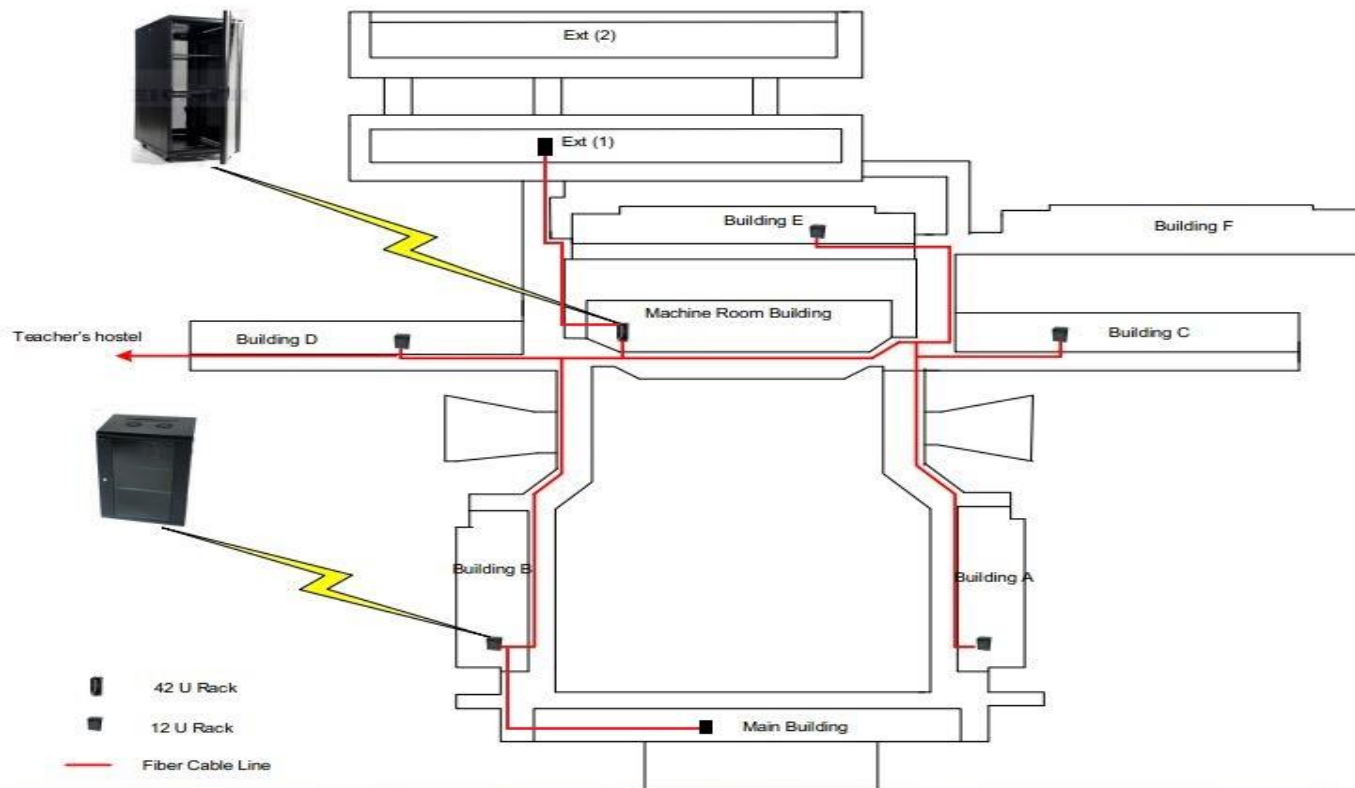
Matrix Building, Biopolis, Singapore

mmREN

- Currently, Myanmar has no national network infrastructure dedicated to Research and Education.
- All universities and colleges procure their Internet access from the various commercial network operators in Myanmar.

Fiber cabling in UCSY

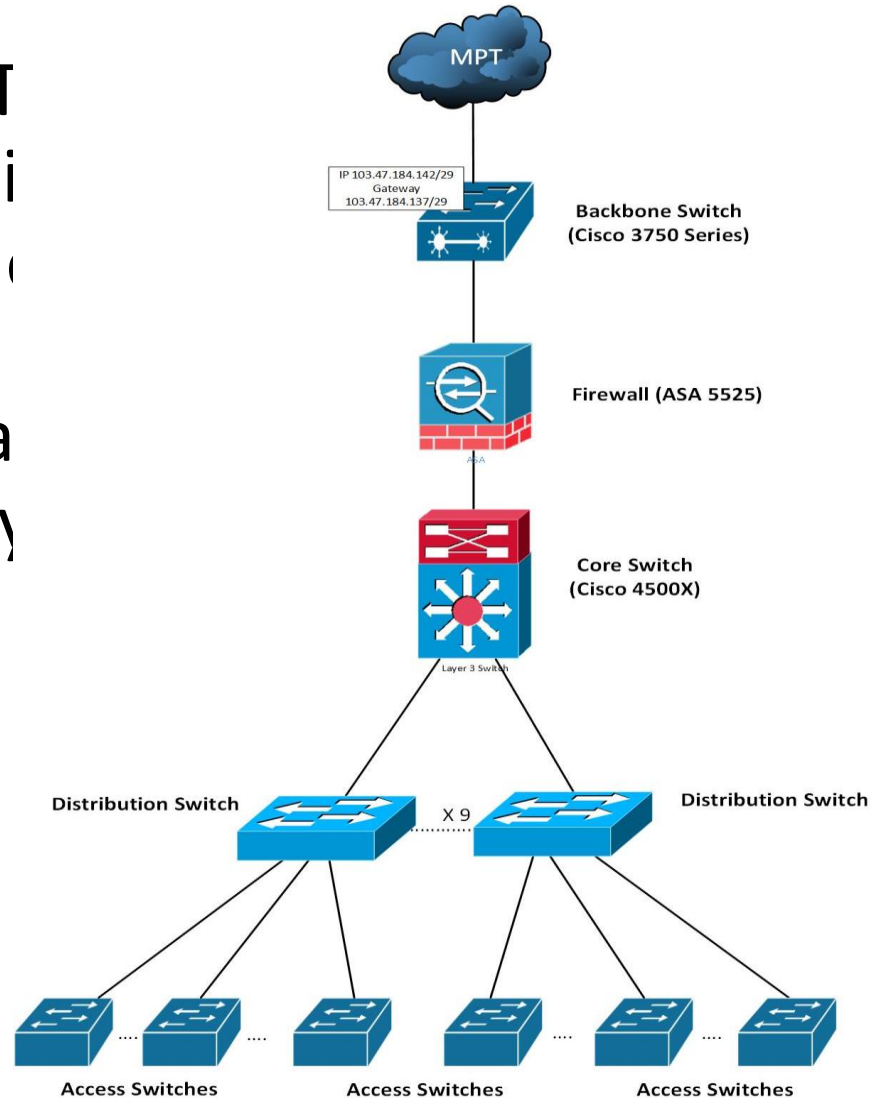
- The UCSY campus used single mode fiber.



Network Design of UCSY

Logical Network Diagram of All Buildings

- The Spanning Tree Protocol (STP) is used by switches to detect and disable physical loops in the Layer 2 network.



Server and Devices

Server	Devices
ESXi hosts	Firewall,
Primary DNS and DHCP Server	Core Switch ,
Secondary DNS and DHCP Server	Distribution Switches,
FTP Server	Access Switches,
Time Server	Wireless Controller ,
Moodle server	Access Point ,
	DELL Server ,
	Window Servers,
	Time Server and
	ESXi

mmREN update

- ❖ Number of member institutions (agree to connect to mmREN) : 13
- ❖ Backbone : Myanmar Post and Telecom (MPT)/ MyTel

Network update

- ❖ Network connection (National/Domestic) :
 - (i) mmREN IP-VPN Network to Myawaddy IPLC
 - (ii) mmREN IP-VPN Network to Singapore IPLC

- ❖ Network connection (International) : To finalise the decision after getting last update from TEIN for procurement process.

- ❖ Updated information:
 - ❖ MPT proposed mmREN [Design](#) on 15th March 2018.
 - ❖ MyTel proposed mmREN [Design](#) on 22nd March 2018.
 - ❖ mmREN project is being discussed with MPT & MyTel to implement as a CSR program.

Activity update

- ❖ A meeting/workshop is planned to conduct in Myanmar before mmREN connects to TEIN network in 2018.

Thanks