



# Wayamba University of Sri Lanka

Makandura  
Kuliyapitiya

Dumindu Samanwickrama  
Systems Engineer

**LEARN** Lanka Education and Research Network  
*National Research and Education Network of Sri Lanka*

LEARN NOC Meeting - 12 December 2018

# Users and locations

Makandura	Kuliyapitiya
1500 students	3500 students
300 employees	400 employees
60 buildings	80 buildings
8 computer labs	10 computer labs
15 servers	20 servers

FAPM (( ))

Library (( ))

ELTU (( ))



ICT center (( ))



SDC (( ))



Quartes (( ))

FLFN (( ))

Hostels (( ))

CSU (( ))



FAS 

Library 

GYM

FOT 

ELTU 

FOM 

ICT center 

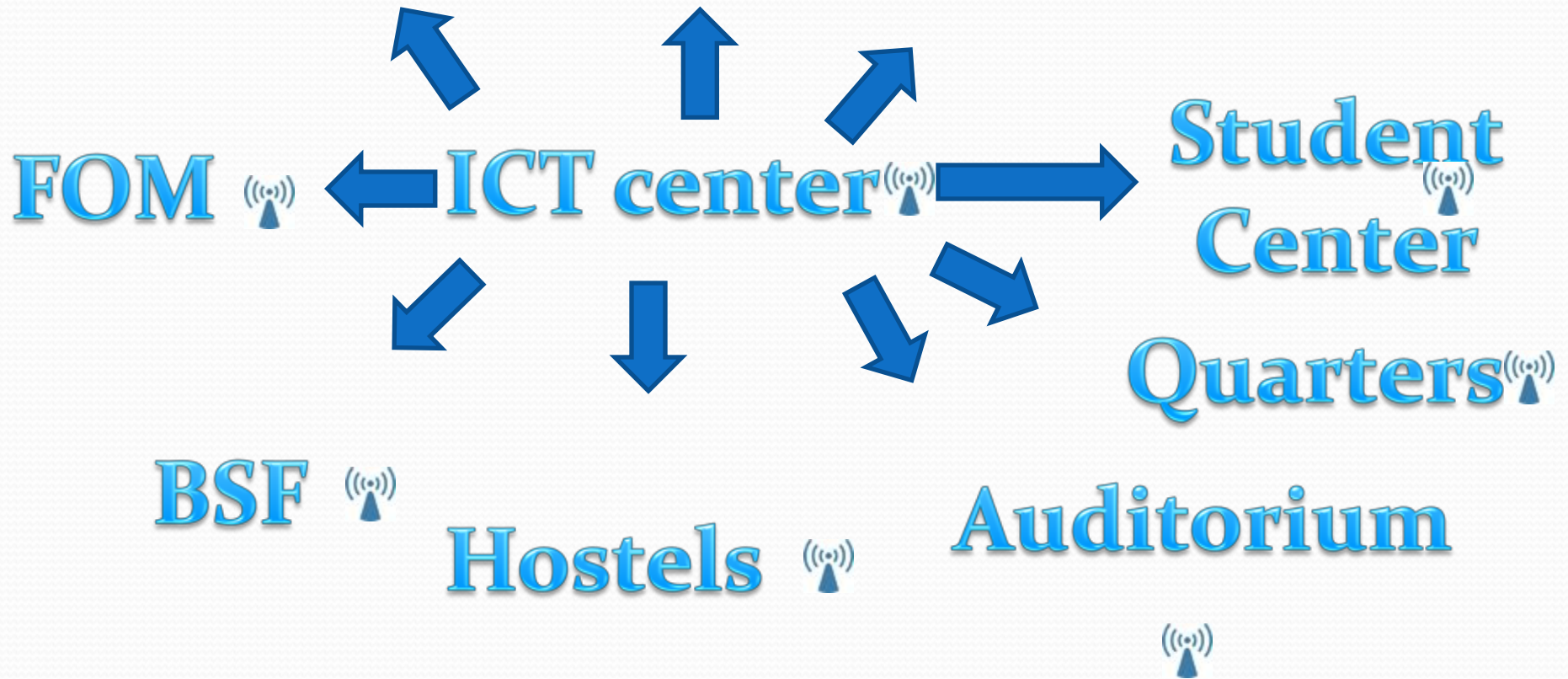
Student Center 

Quarters 

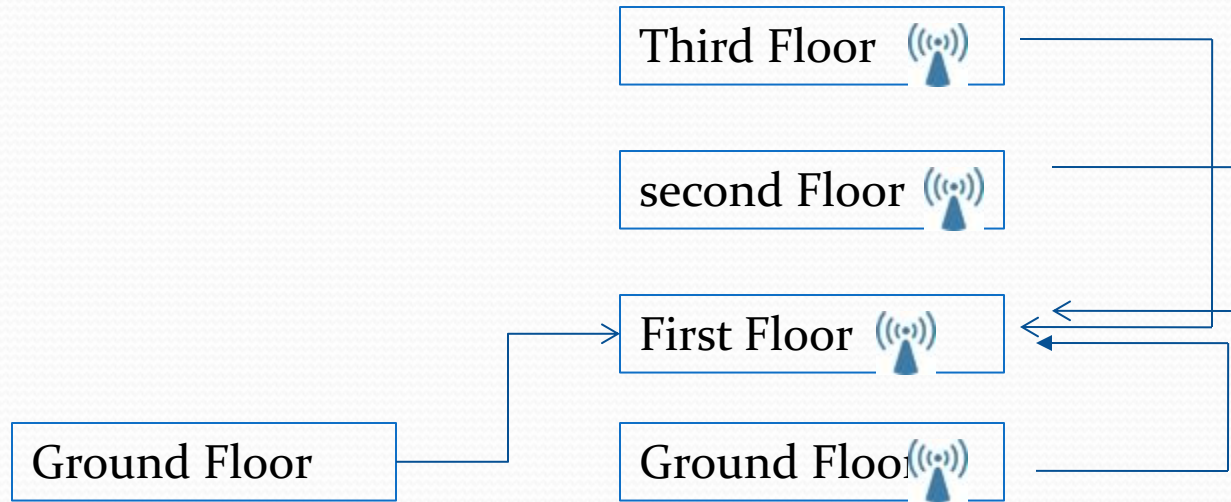
BSF 

Hostels 

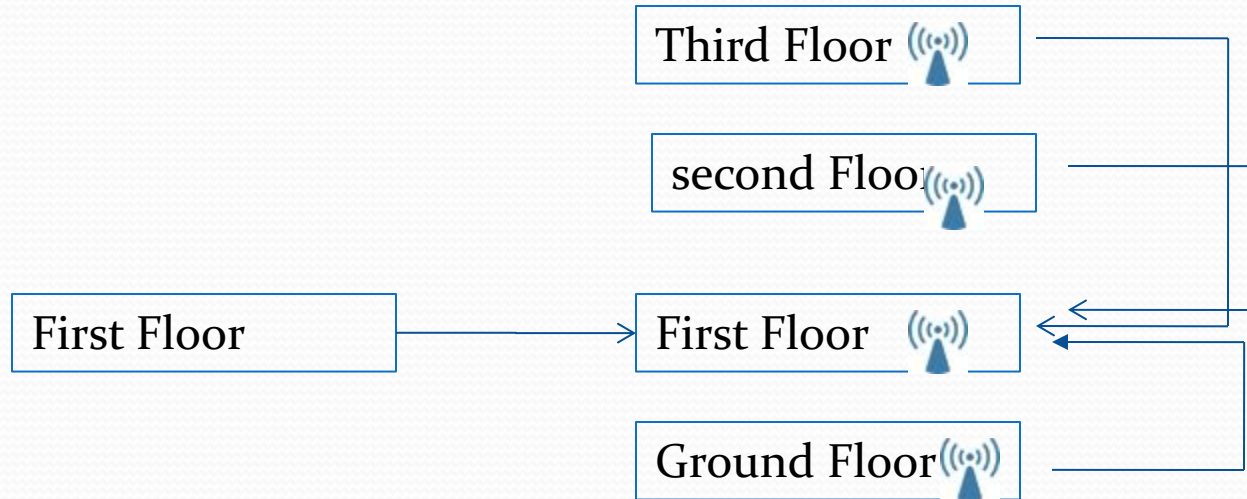
Auditorium 



# Faculty of Livestock, Fisheries and Nutrition

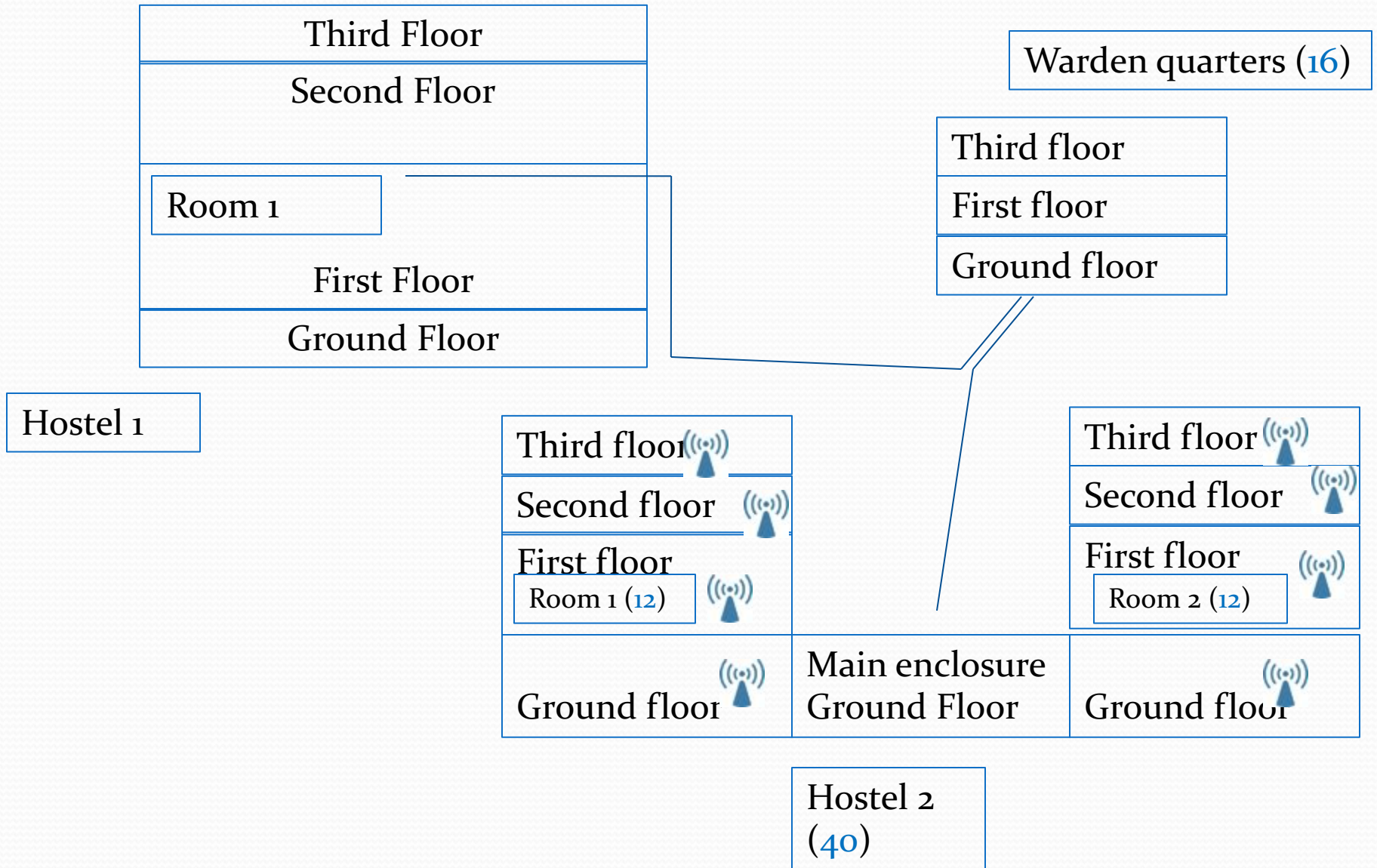


# Faculty of Agriculture & Plantation Management

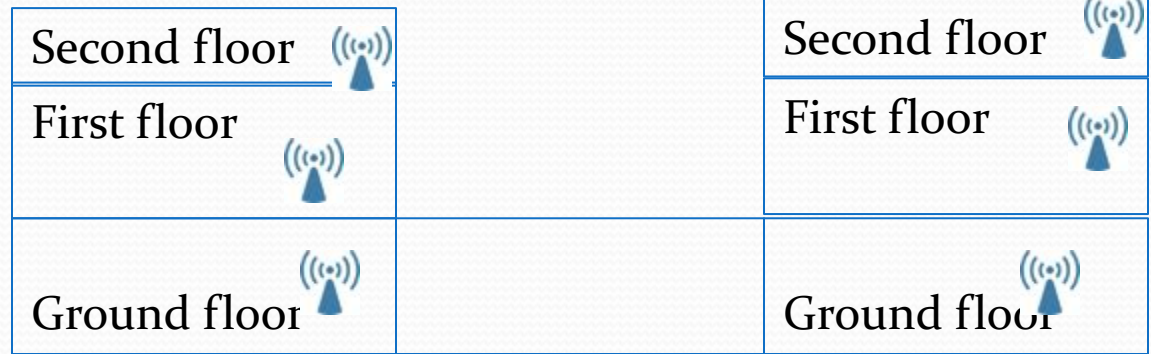




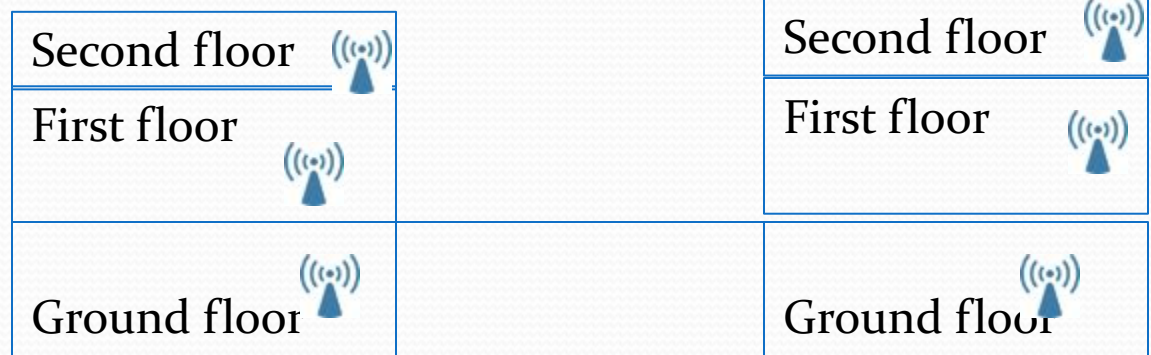
# Hostels



# Hostels



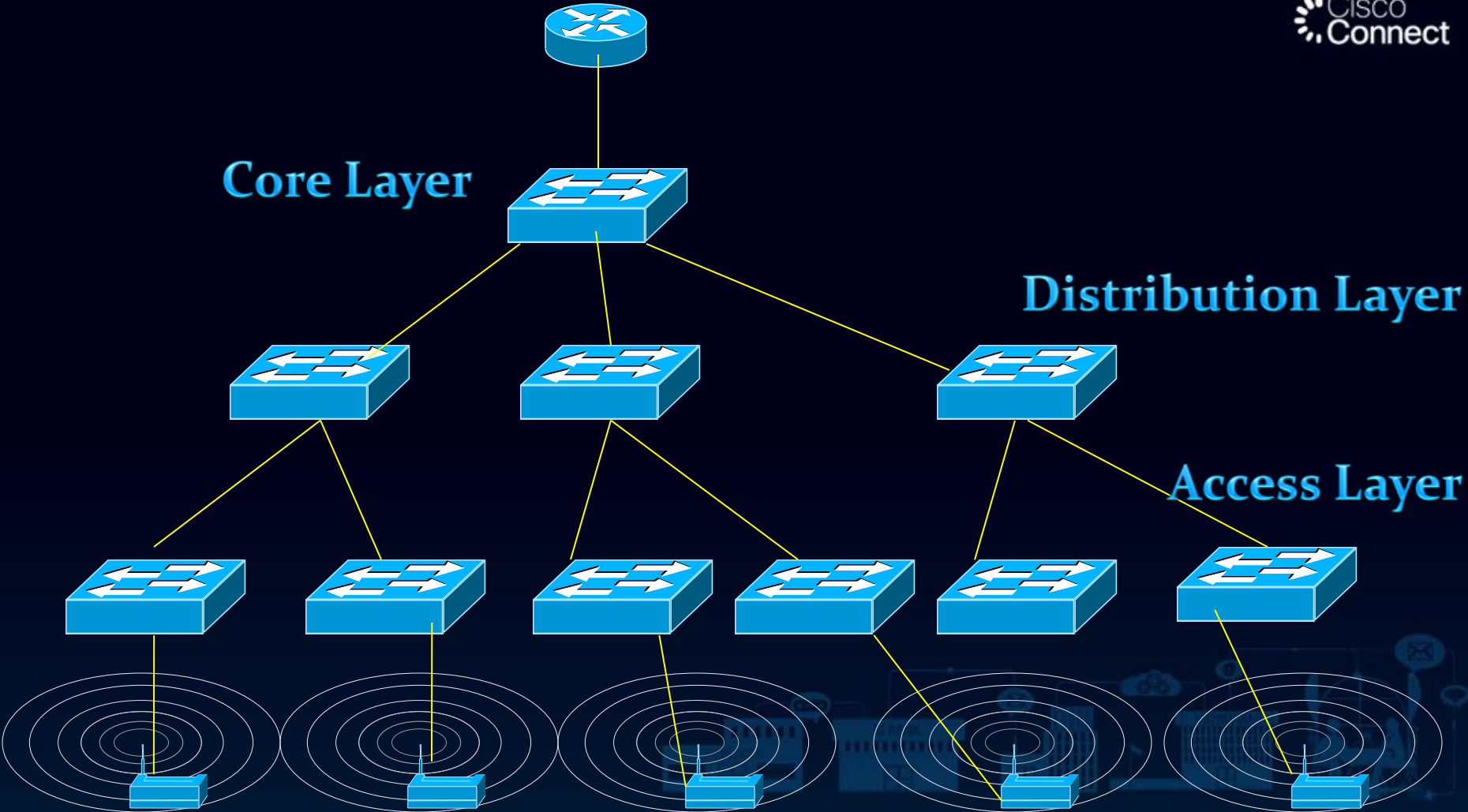
Boys' Hostel (o8)



Girls' Hostel (o8)



# Architecture



# Resources

Bandwidth

VOIP

Virus Protection

WiFi

Video Conferencing

LMS

CCTV



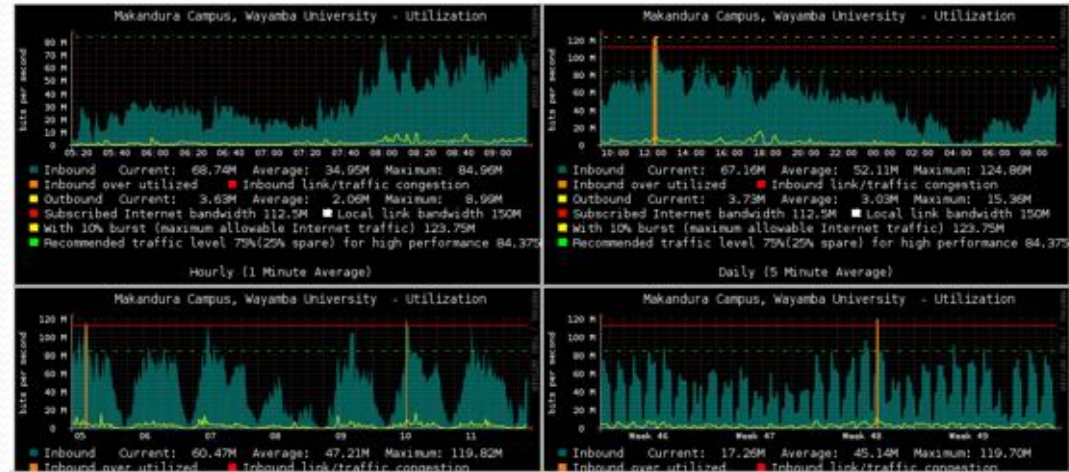


# Success

- Lower downtime
- Virus free
- Mobility
- Fully utilize network

## Makandura Campus, Wayamba University (D61385)

Wed Dec 12, 2018 9:16 am



https://nms.leam.ac.lk/traffic/traffic-detail.php?ndref=907&instref=wy

## Wayamba University (D61383)

Wed Dec 12, 2018 9:19 am



https://nms.leam.ac.lk/traffic/traffic-detail.php?ndref=996&instref=wy



# Lesson learned

- **Service agreement**
- **Warranty renewal**
- **WLC**
- **POWER FAILIURE**

# Future

- Ipv6 – February 2019
- Eduroam – March 2019
- Federated Identity Management – April 2019



**Thank You**