



University of Jaffna - LAN WAN Network

Network Operating Center
University of Jaffna

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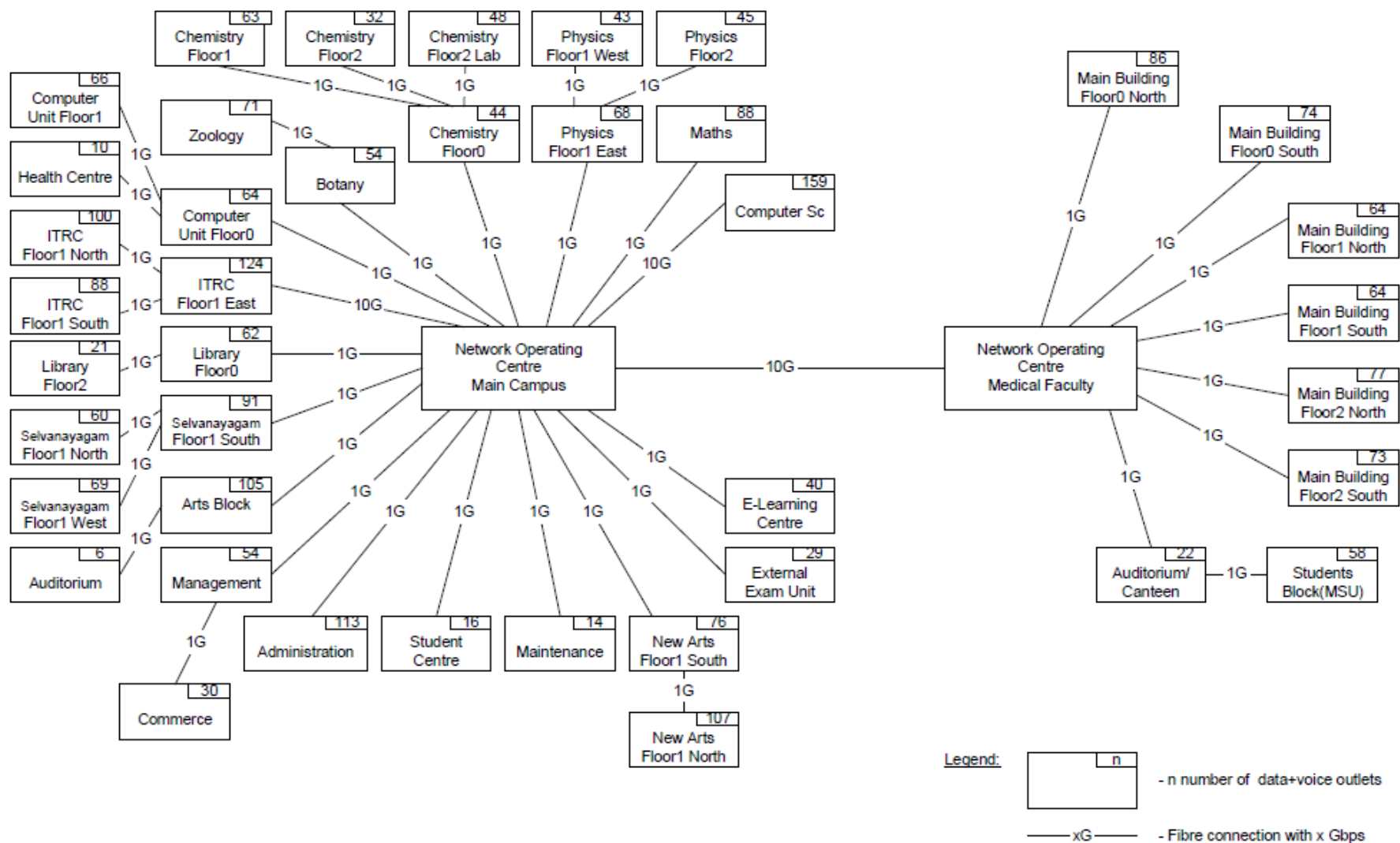
NOC – University of Jaffna

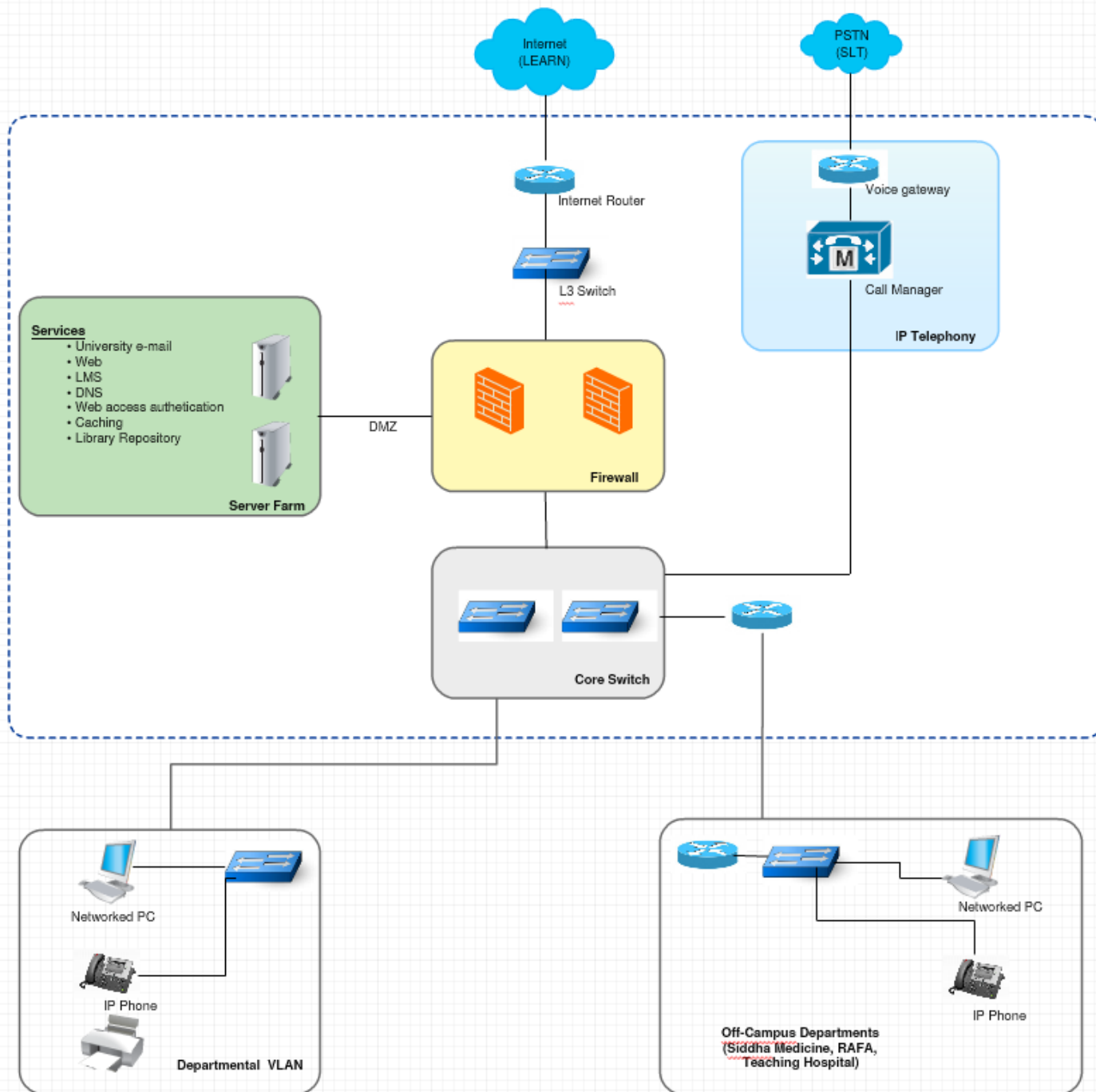


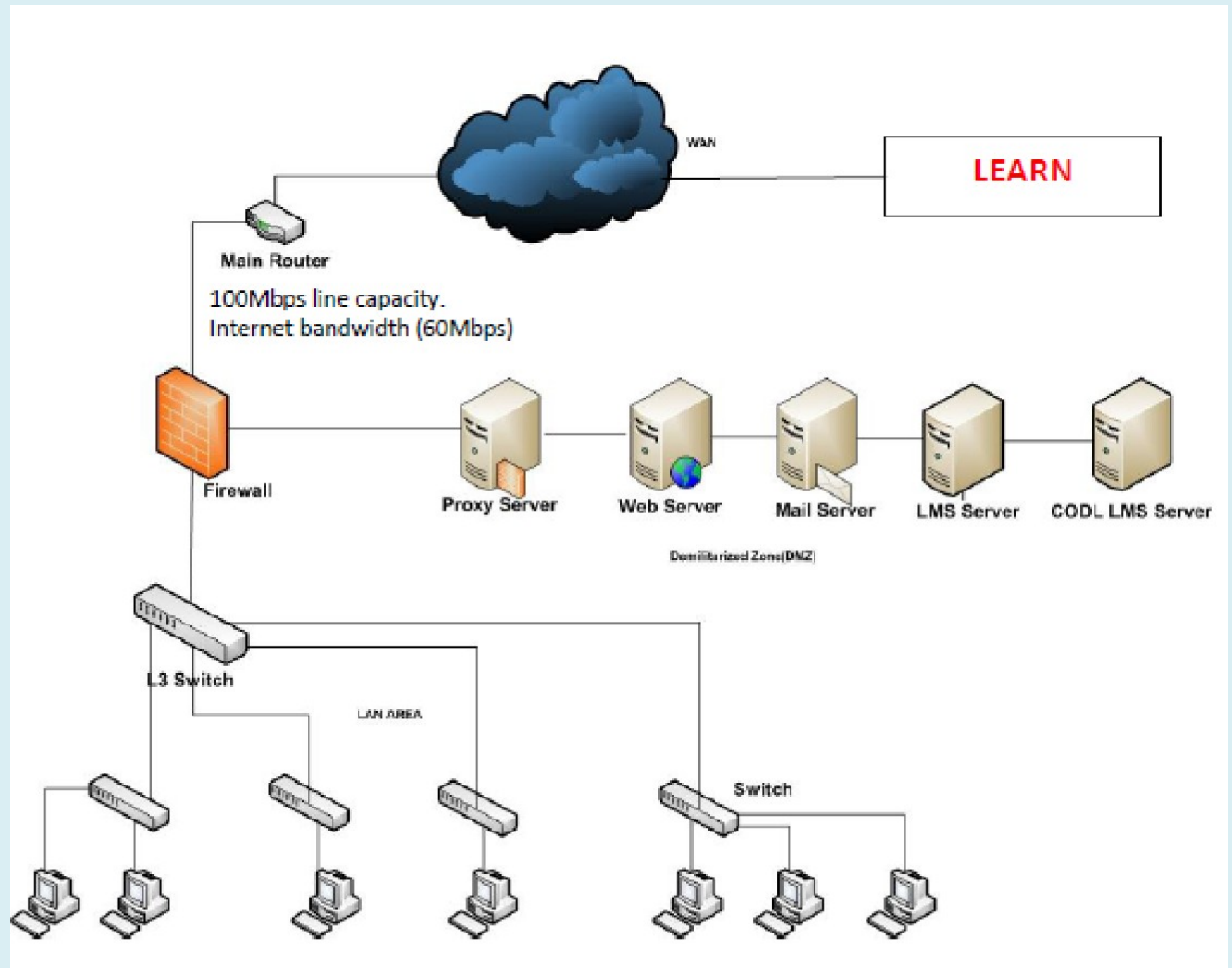
Features of the Network

- All the permanent buildings have access to the network.
- IP phone facilities for all departments
- All buildings are connected by underground fiber optic cable.
- Faculty of Medicine is connected via fiber optic cable of length around 1 km.
- Three point -to-point connections for Siddha medicine, RAFA, Teaching Hospital
- Sharing of resources with faculties at Kilinochi through VPN

Structure of the Network







Size of the Network

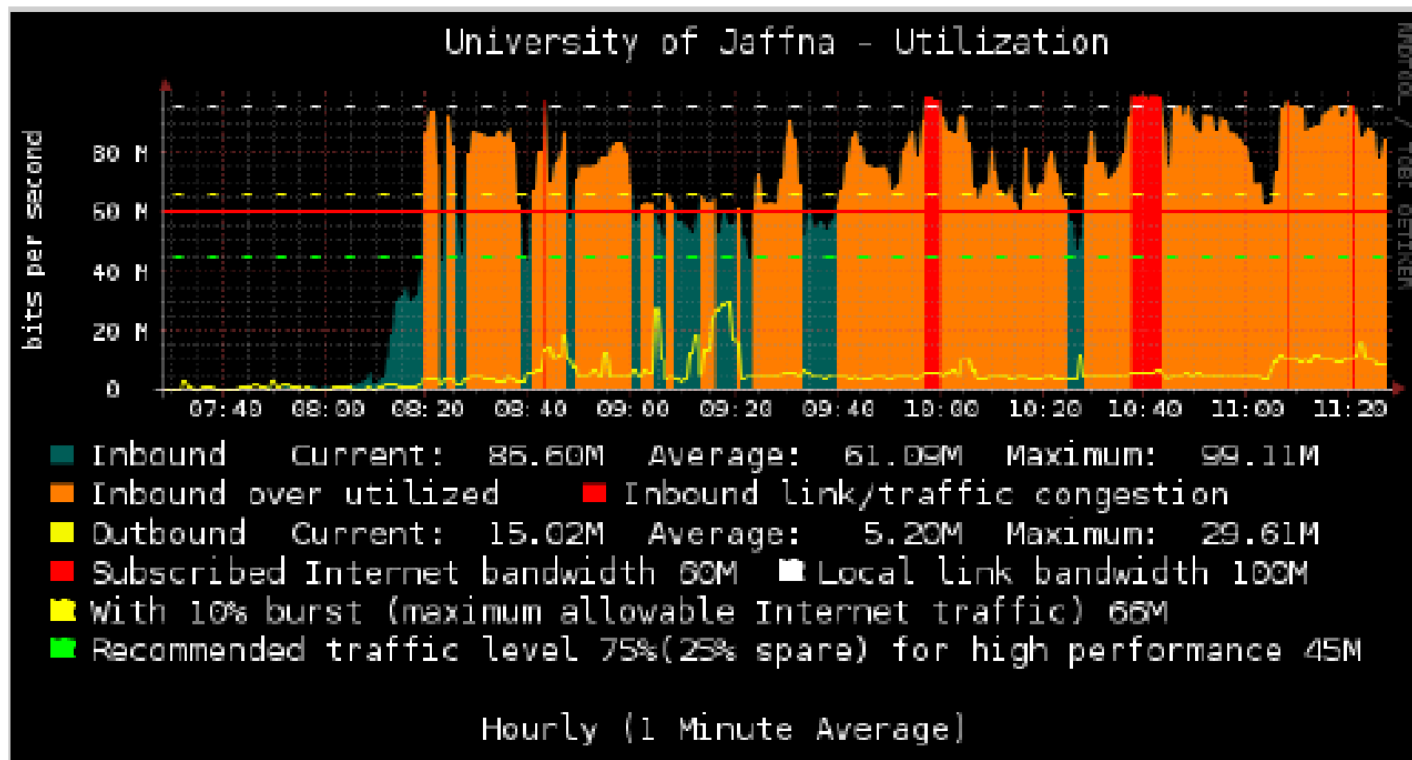
<i>No of Network Points</i>	<i>2790</i>
<i>No of Switches (3com/CISCO/H3C)</i>	<i>105</i>
<i>No of IP Phones</i>	<i>257</i>
<i>Servers</i>	<i>LMS Server Web Server Mail Server Voice Sever</i>

Power Supply - NOC

Our Server room power supply has 3 phase supply line together with UPS (**2 x 10kVA**) protection for sudden power failures. And also we have generator backup and power supply to provide the service to maintain the continuous services.

Network bandwidth (D28160)

- We have subscribed Internet bandwidth 60M (60Mbps). We shared our bandwidth equal for each device.



Our Services

- Web server maintenance
- LMS server maintenance
- Mail server maintenance
- Network /Switch management
 - Configuration
 - Repairing
 - Installation

Future development plans

- Expanding the network to new buildings and faculties
 - Natural Science Building
 - Faculty of Graduate studies
 - Faculty of Management studies and Commence
- Expanding Wi-Fi Facilities for Students & Staff
- Increasing bandwidth (In process - 180 Mbps)
- Security enhancement for NOC.
- Security alarm system to NOC.
- Increase the power backup facilities.

Thank You