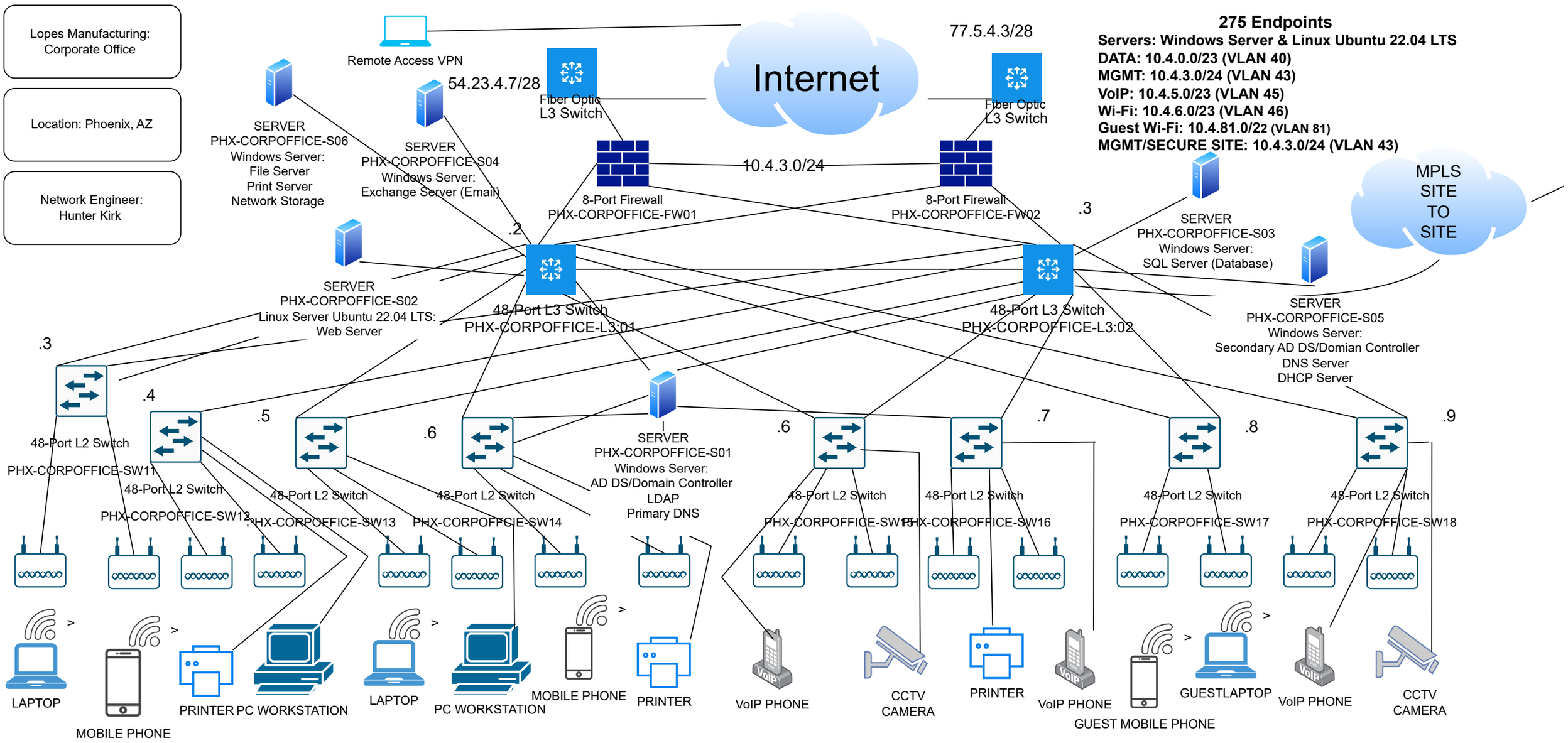
Lopes Manufacturing:
Corporate Office
Location: Phoenix, AZ
Network Engineer:
Hunter Kirk
Remote Access VPN
Internet
77.5.4.3/28
54.23.4.7/28
Fiber Optic
L3 Switch
Fiber Optic
L3 Switch
275 Endpoints
Servers: Windows Server & Linux Ubuntu 22.04 LTS
DATA: 10.4.0.0/23 (VLAN 40)
MGMT: 10.4.3.0/24 (VLAN 43)
VoIP: 10.4.5.0/23 (VLAN 45)
Wi-Fi: 10.4.6.0/23 (VLAN 46)
Guest Wi-Fi: 10.4.81.0/22 (VLAN 81)
MGMT/SECURE SITE: 10.4.3.0/24 (VLAN 43)
MPLS
SITE
TO
SITE
SERVER
PHX-CORPOFFICE-S06
Windows Server:
File Server
Print Server
Network Storage
SERVER
PHX-CORPOFFICE-S04
Windows Server:
Exchange Server (Email)
10.4.3.0/24
8-Port Firewall
PHX-CORPOFFICE-FW01
8-Port Firewall
PHX-CORPOFFICE-FW02
.2
.3
SERVER
PHX-CORPOFFICE-S03
Windows Server:
SQL Server (Database)
SERVER
PHX-CORPOFFICE-S02
Linux Server Ubuntu 22.04 LTS:
Web Server
48-Port L3 Switch
PHX-CORPOFFICE-L3:01
48-Port L3 Switch
PHX-CORPOFFICE-L3:02
SERVER
PHX-CORPOFFICE-S05
Windows Server:
Secondary AD DS/Domian Controller
DNS Server
DHCP Server
.3
.4
.5
.6
.6
.7
.8
.9
48-Port L2 Switch
PHX-CORPOFFICE-SW11
48-Port L2 Switch
PHX-CORPOFFICE-SW12
48-Port L2 Switch
PHX-CORPOFFICE-SW13
48-Port L2 Switch
PHX-CORPOFFCIE-SW14
SERVER
PHX-CORPOFFICE-S01
Windows Server:
AD DS/Domain Controller
LDAP
Primary DNS
48-Port L2 Switch
PHX-CORPOFFICE-SW15
48-Port L2 Switch
PHX-CORPOFFICE-SW16
48-Port L2 Switch
PHX-CORPOFFICE-SW17
48-Port L2 Switch
PHX-CORPOFFICE-SW18
LAPTOP
MOBILE PHONE
PRINTER
PC WORKSTATION
LAPTOP
PC WORKSTATION
MOBILE PHONE
PRINTER
VoIP PHONE
CCTV
CAMERA
PRINTER
VoIP PHONE
GUEST MOBILE PHONE
GUESTLAPTOP
VoIP PHONE
CCTV
CAMERA