

AGENDA
SHERMAN BOARD OF EDUCATION
REGULAR MEETING
WEDNESDAY, JUNE 5, 2019
THE SHERMAN SCHOOL - LIBRARY MEDIA CENTER
7:00 PM

Vision Statement

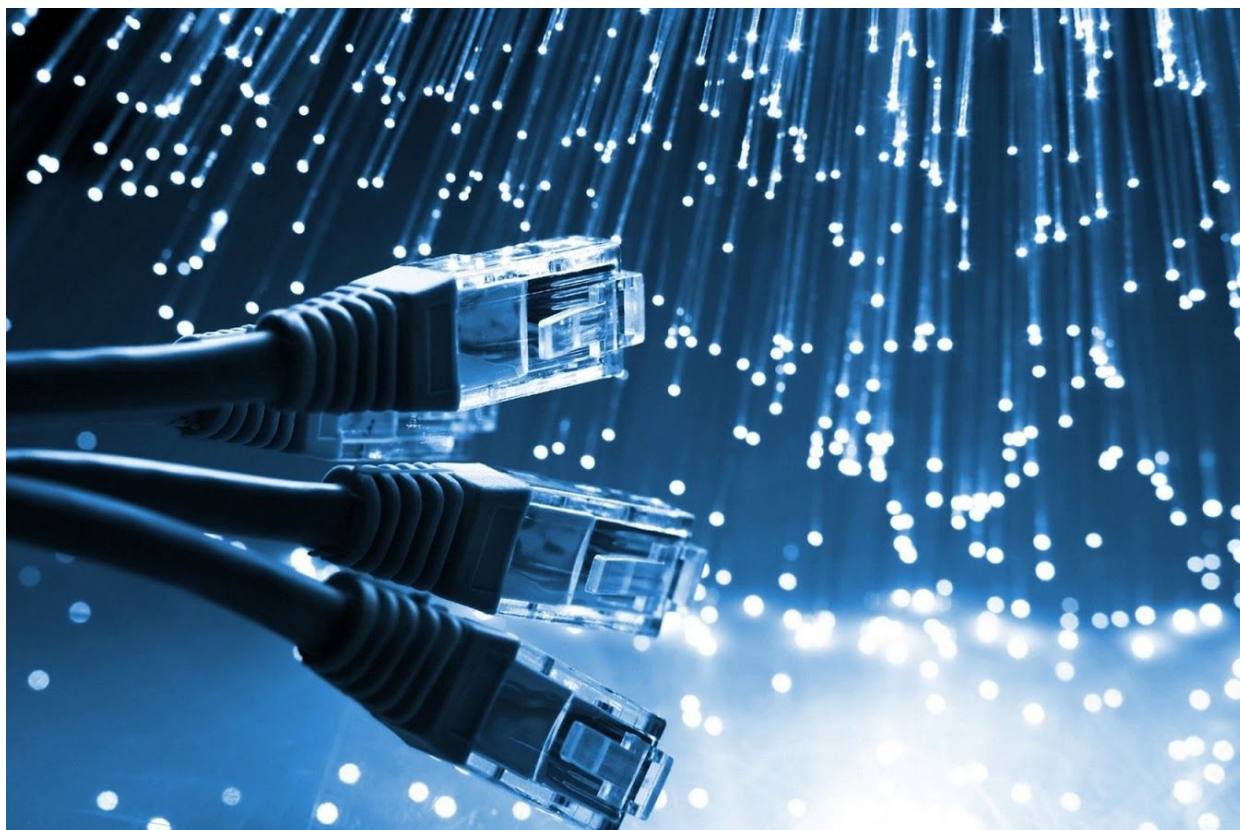
**We enable all Sherman Students to become the best possible version of themselves.
We provide an environment where our children develop into empathetic, self-directed,
critical thinkers who don't give up when faced with challenges.**

Professional Development 5:30 - 6:00 PM

1. CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE
2. CELEBRATIONS
3. PUBLIC COMMENTS
4. ADDITIONS TO THE AGENDA
5. CONSENT AGENDA
 - 5.1. Review of Minutes:
 - Minutes - Regular Meeting, May 1, 2019
 - Minutes - Maintenance Committee Meeting, May 30, 2019
 - Minutes - Executive Session, May 30, 2019
 - Minutes - Executive Session, May 22, 2019
 - Minutes - Maintenance Meeting, May 17, 2019
 - Minutes - Executive Session, May 1, 2019
 - Minutes - Maintenance Meeting, April 26, 2019
 - Minutes - Executive Session, April 3, 2019
 - Minutes - Maintenance Meeting, March 22, 2019
 - 5.2. Personnel Actions
 - Appointment
 - Resignation - Christine Ceccolini, Teacher, Effective 6/17/2019
 - 5.3. Monthly Enrollment Report
 - 5.4. Monthly Budget Report 18-19: Budget by Function & Summary of Funds
6. APPROVAL OF CURRENT BILLS
 - 6.1. 2018-2019 Current Bills
7. ORAL REPORTS
 - 7.1. SPTO Update
 - 7.2. Sub-Committee
 - 7.3. Chair
 - 7.4. Superintendent Update
8. PRESENTATION
9. NEW BUSINESS
 - 9.1 Technology Committee Recommendations

- 9.2 Discussion and Possible Ratification of a Tentative Agreement between the Sherman Board of Education and Local 1303-319 of Council #4 AFSCME, AFL-CIO
- 9.3 Discussion and Possible Approval of MOU with Sherman Education Association
- 10. UNFINISHED BUSINESS
 - 10.1 Update from Design and Innovation Committee
- 11. COMMUNICATIONS
- 12. PUBLIC COMMENTS
- 13. BOARD OF EDUCATION COMMENTS
- 14. FUTURE MEETING AND TOPICS
 - 14.1 Board of Education Meeting - Wednesday, June 26, 2019 at 7:00 PM
 - 14.2 Communication Committee Meeting - To be scheduled
 - 14.3 Curriculum Committee Meeting - To be scheduled
 - 14.4 Policy Committee Meeting - To be scheduled
- 15. ADJOURNMENT

REMINDER: Agenda suggestions for the next business meeting are due to the Chairperson or Superintendent by 12:00 noon June 10, 2019. Copies of agenda enclosure are available for examination at the Superintendent's Office at the Sherman School during business hours: 8:00 AM to 4:00 PM Monday through Friday.



Sherman School Technology Audit / Plan

05.20.2019

Products

Description	Price	Qty	Ext. Price
2-Day on-site technology audit <u>Scope of Work</u> LAN Survey <ul style="list-style-type: none"> • Building Walkthrough with Certified engineer • Review existing closets layout • Review hardware (firewall, switches, routers) including model number, serial number, IOS level, open ports • Review hardware that needs OS upgrades • Identify EOL / EOS per device serial number • Identify fiber types • Identify copper cable types • Identify any upgrades to LAN Hardware Wireless Survey <ul style="list-style-type: none"> • Building Walkthrough with Certified engineer • Review existing wireless coverage by conducting active/passive survey(s) and producing "heat maps" • Review hardware including antenna selection and mounting methods • Review access point and controller configurations • Review existing wireless design including channel plan and power settings • Provide a revised wireless design • Review switch port configurations power budget, PoE power budget Server <ul style="list-style-type: none"> • Review any existing Servers for capacity • Identify any upgrades to Server Hardware EBM Services to include: <ul style="list-style-type: none"> • Wifi site survey with heat mapping (Aruba) • Lan Survey • Server review • Visio diagram • Recommendations 	\$175.00	18	\$3,150.00
Subtotal:			\$3,150.00

Server Project:

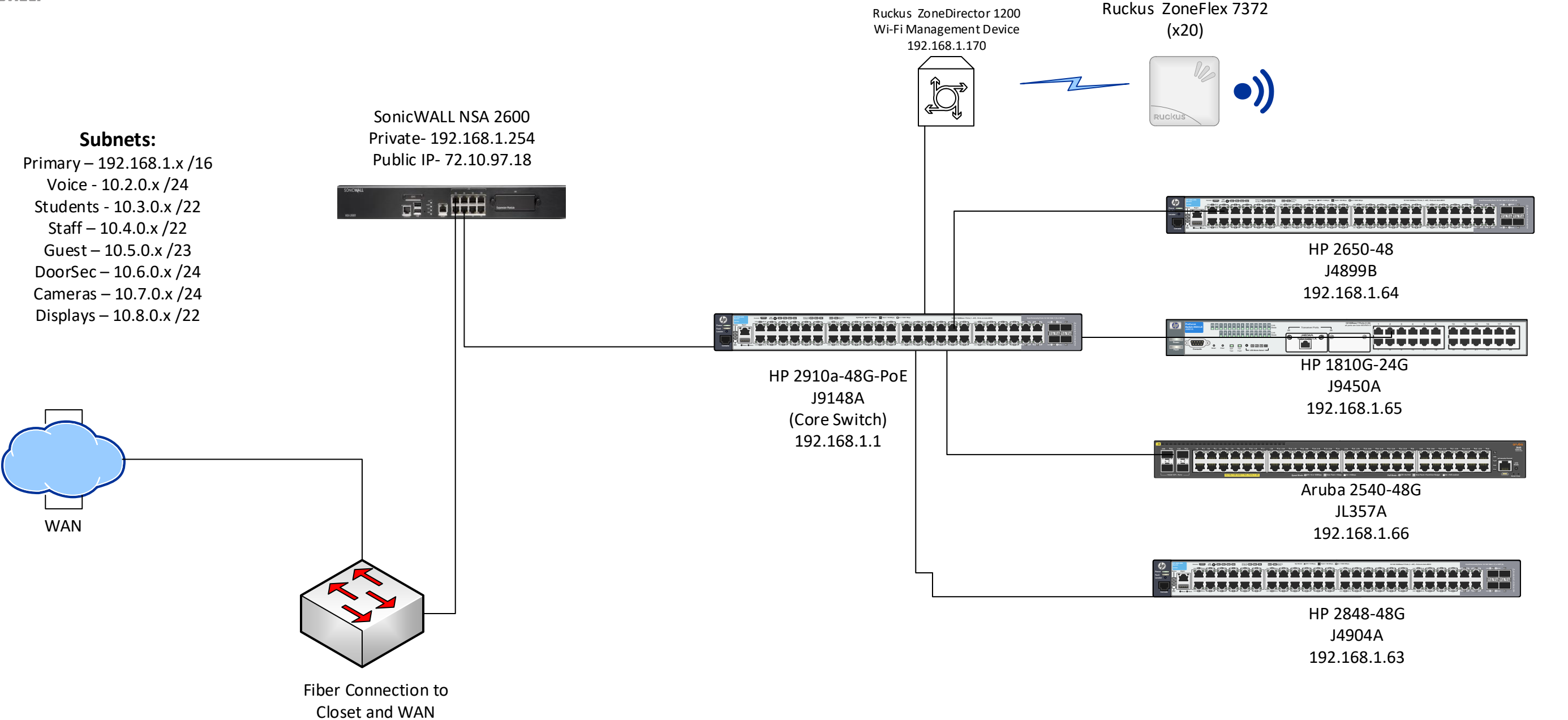
Current Challenges
Lenovo ThinkServer TS140 out of warranty
Legacy Technology
Server Host Low Resources (memory, Proc, Hard Drive remaining space)
Files saved on local desktops instead of shared network drives
No Disaster Recovery/Business continuity process
Performance issues - Virtual Servers/host all communicating over 1NIC adapter
Single Point of failure on Server equipment

Recommendations
Purchase HP Proliant DL360 rackmountable server with 3 year warranty and support for parts and repair
Server to include redundant hardware components (Power Supplies, Raid, NIC teaming)
Firmware updates on Server
Provision server as ESXi host with appropriate resources (Proc, Memory, Drive Space) for virtual servers
Redundant UPS's for Server power redundancy
Install latest Windows 2019 Operating system with the current updates and security standards on Virtuals
Install robust backup & disaster recovery solution (Off site backup)
Decommission legacy servers (DC, Phoenix)
Installation of Antivirus Software (Webroot) on all servers and workstations

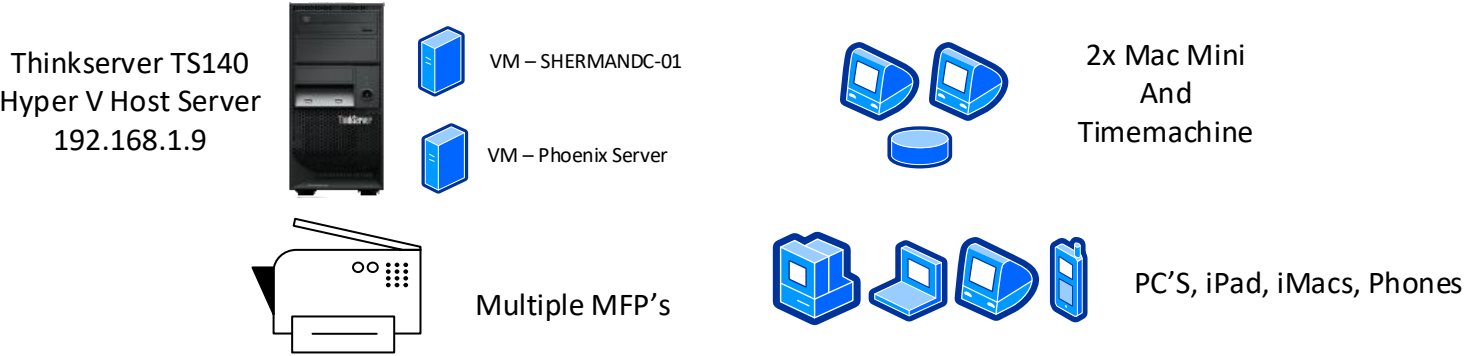
Wifi/Network Project:

Current Challenges
(2) Legacy HP 2650-48 Switches 10/100
Network Cables are too long and causing “Rats Nest” look
Network Cables do not have color categories which makes it difficult to troubleshoot
Switches Firmware out of date
UPS backup - Switches not plugged into UPS
Security – Passwords not consistent across all switches
Legacy Wifi AP’s (Old technology)
Weak Wifi signals throughout certain areas
Slow Wireless speed and dropped connectivity, Channel Overlaps
5GHZ speed disabled

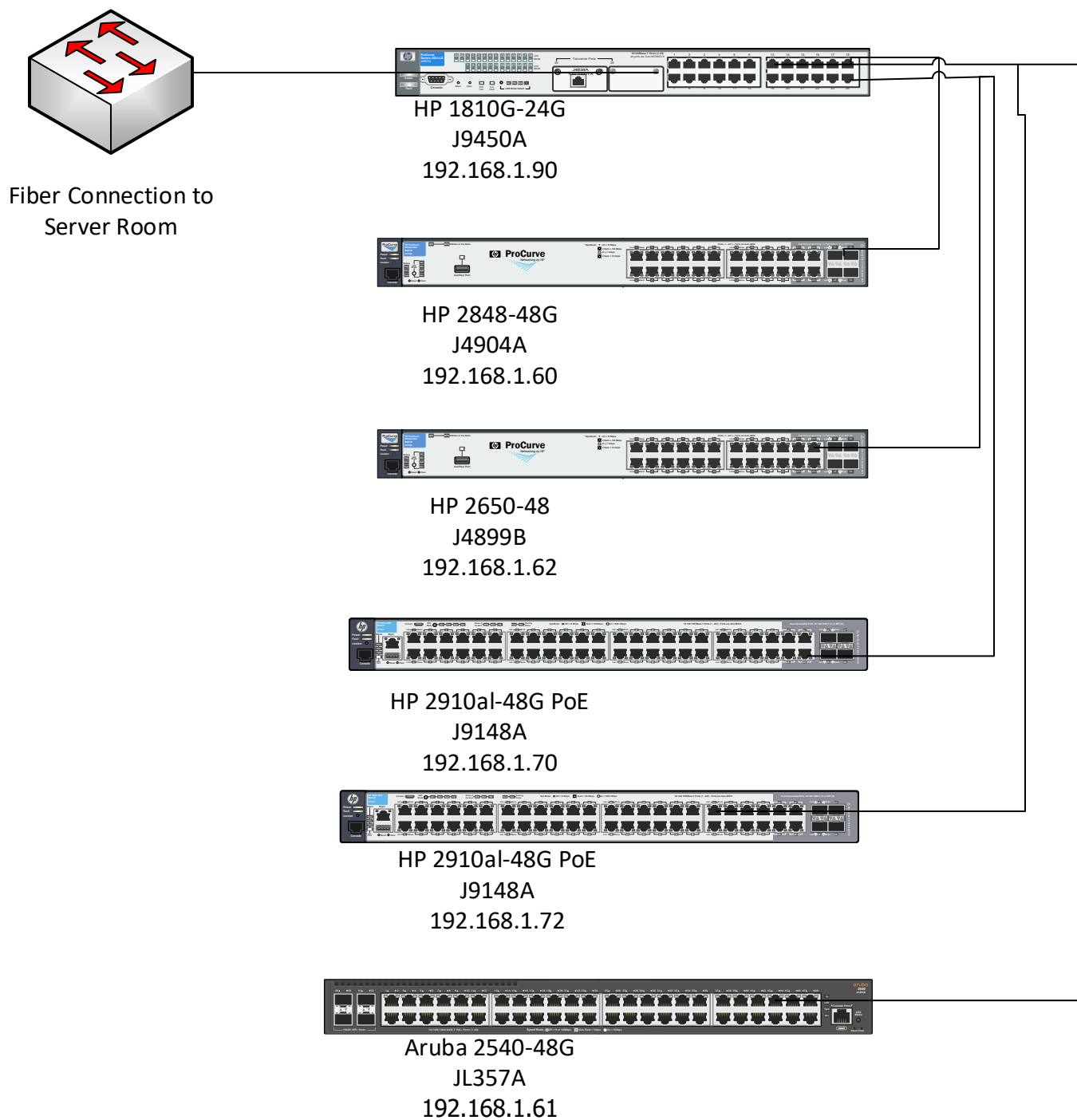
Recommendations
Replace (2) legacy Switches with HP Procurve/Aruba Gigabit Layer 2 Switches
Cable cleanup in both rack with shorter CAT6 Patch Cables
Color coordinate CAT6 Patch Cables
Update Firmware on all Switches
Consistent Password on all networking equipment
Disable telnet and enable SSH for Security reasons
Plug all Networking equipment into UPS’s and remove power strips
Installation of new PoE Wireless AP solution with expanded coverage
Configuration of Virtual controller – Ease of management and deployment
Enable 2.4GHz & 5GHz bands
Configure Wireless bandwidth reporting
Configure Private & Guest networks with WPA2 Security Authentication
Configuration of Radius server for authentication



Connected Devices



Sherman School Network Diagram: Closet



Site Analysis

Client name – Sherman School
 Date – 03/22/2019
 Auditor – Brandon Grasso
 Onsite Contact – Jim Luchsinger

Hardware Summary:

Servers:

<u>Description</u>	<u>Specification</u>
Server model	Lenovo ThinkServer TS140
Processor	Intel Xeon E3-1225 - 3.2 GHz
Memory	16 GB
HDD	500 GB
Operating System	Windows Server 2012 R2 Essentials
Form Factor	Tower
System Name	dataserver
IP Address	192.168.1.9
Domain Name	SHERMAN.local
Login	Username – diradmin Password - \$her860Man
Server Roles	Hyper-V Host
Backup Software	None

<u>Hyper-V VM</u>	<u>Specification & Roles</u>
Sherman School DC Hostname – SHERMANDC-01 192.168.1.5	3 GB of RAM 4 Cores Virtual Processor Roles – DHCP, DNS, AD, Print Server C:\ = 85 GB

Phoenix Database Server Hostname – PhoenixServer 192.168.1.51	3 GB of RAM 4 Cores Virtual Processor Roles – Database host for Financial software C:\ = 105 GB
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<u>Description</u>	<u>Specification</u>
2x Mac Mini's Hostname – MINI1, MINI2 192.168.1.3	Roles – SMB File Share, Apple Device Management (Has a TimeMachine attached that does onsite backups manually) (The SMB share has an off-site synch to a cloud file backup provider)

UPS:

APC SMX1000 – Server Room
APC SMX1000 - Closet

Firewall/Networking Equipment:

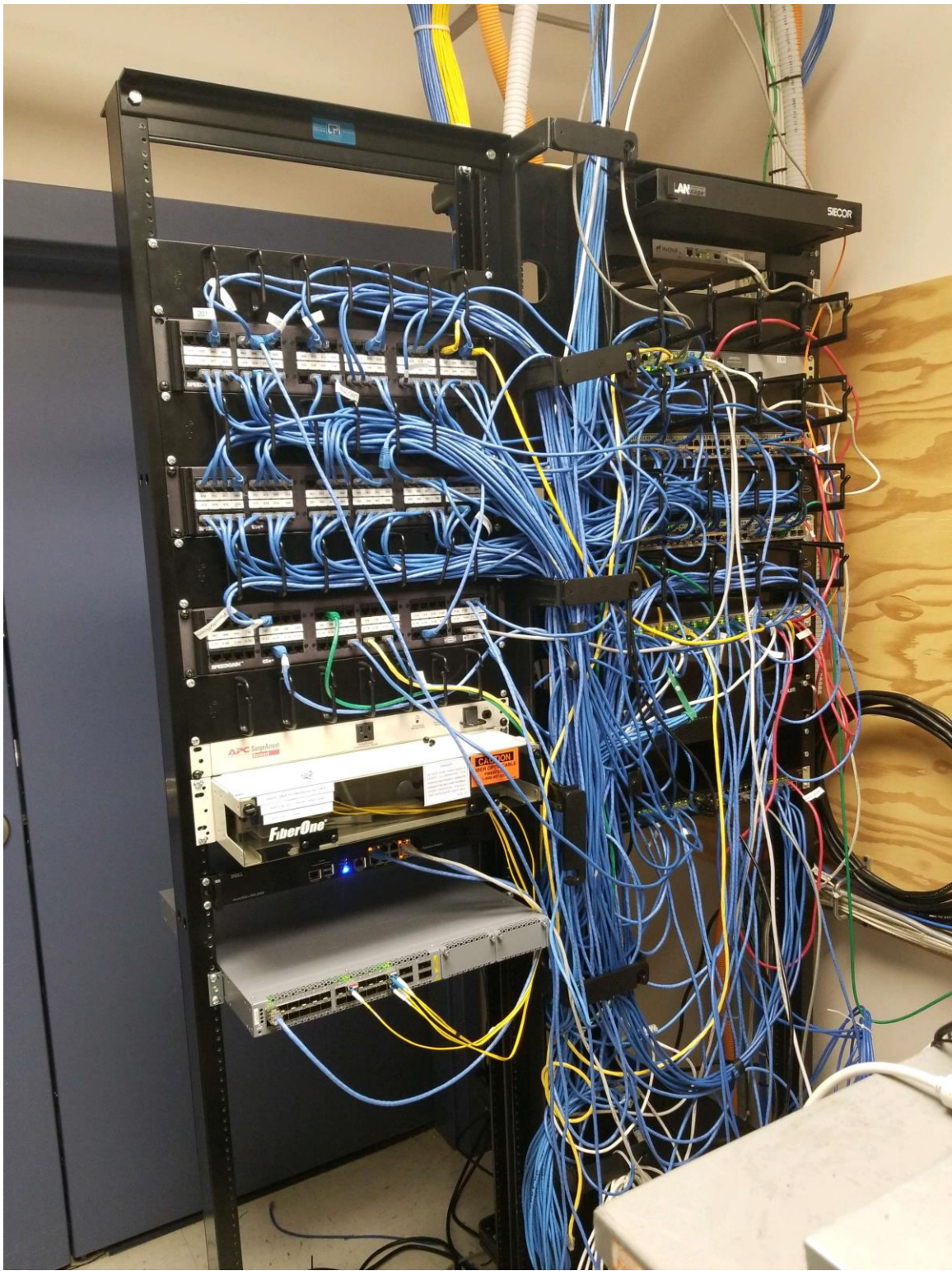
<u>Description</u>	<u>Specification</u>
HP 2910a-48G-PoE J9148A	48G (ports) - PoE Ethernet Switch 192.168.1.1 Server Room
HP 2650-48 J4899B	48 10/100 (ports) - Ethernet Switch 192.168.1.64 Server Room
HP 1810G-24G J9450A	24G (ports) – Ethernet Switch 192.168.1.65 Server Room
HP 2848-48G J4904A	48G (ports) – Ethernet Switch 192.168.1.63 Server Room
Aruba 2540 JL357A	48G (ports) – PoE Ethernet Switch 192.168.1.66 Server Room

HP 2848 J4904A	48G (ports) – Ethernet Switch 192.168.1.63 Server Room
HP 1810G-24G J9450A	24G (ports) – Ethernet Switch 192.168.1.90 Closet
HP 2848-48G J4904A	48G (ports) – Ethernet Switch 192.168.1.60 Closet
HP 2650-48 J4899B	48 10/100 (ports) - Ethernet Switch 192.168.1.62 Closet
HP 2910a-48G-PoE J9148A	48G (ports) - PoE Ethernet Switch 192.168.1.70 Closet
HP 2910a-48G-PoE J9148A	48G (ports) - PoE Ethernet Switch 192.168.1.72 Closet
Aruba 2540-48G JL357A	48G (ports) – PoE Ethernet Switch 192.168.1.61 Closet
SonicWall NSA 2600	Firewall (Edge Device) 192.168.1.254 Server Room
Ruckus ZoneDirector 1200	Wi-Fi Management Device 192.168.1.170 Server Room
Ruckus ZoneFlex 7372 AP (x20)	Wi-Fi AP's (Centrally managed by ZoneDirector) Server Room & Closet

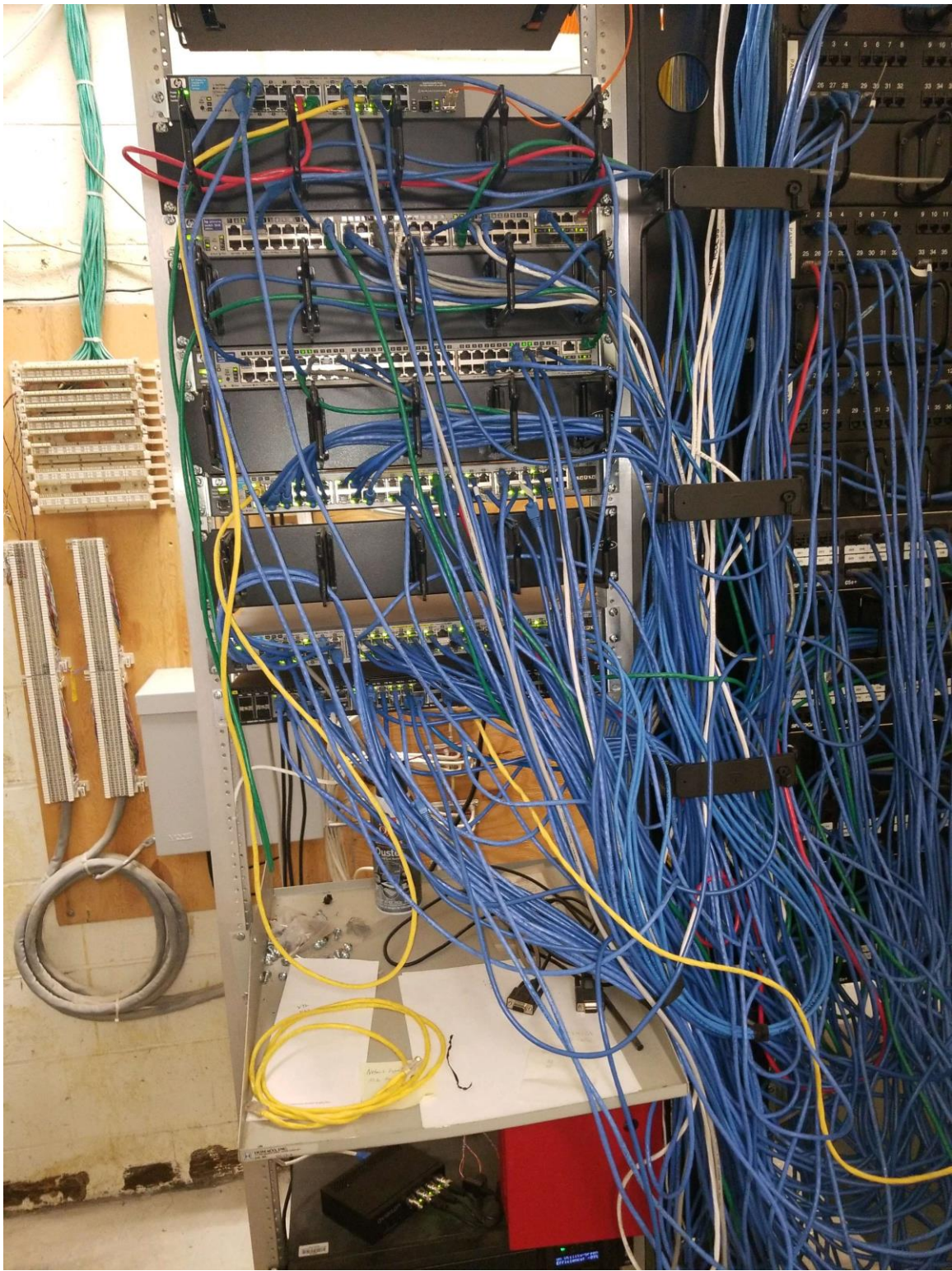
Internet Settings/Speed Test:

<u>Description</u>	<u>Specification</u>
Internet Provider	City's Fiber Connection
External IP address	72.10.97.18
Testing site	www.speedtest.net
Download speed	55 Mbps
Upload speed	300 Mbps

Server Room (Core Network Rack)



Closet (Network Rack)

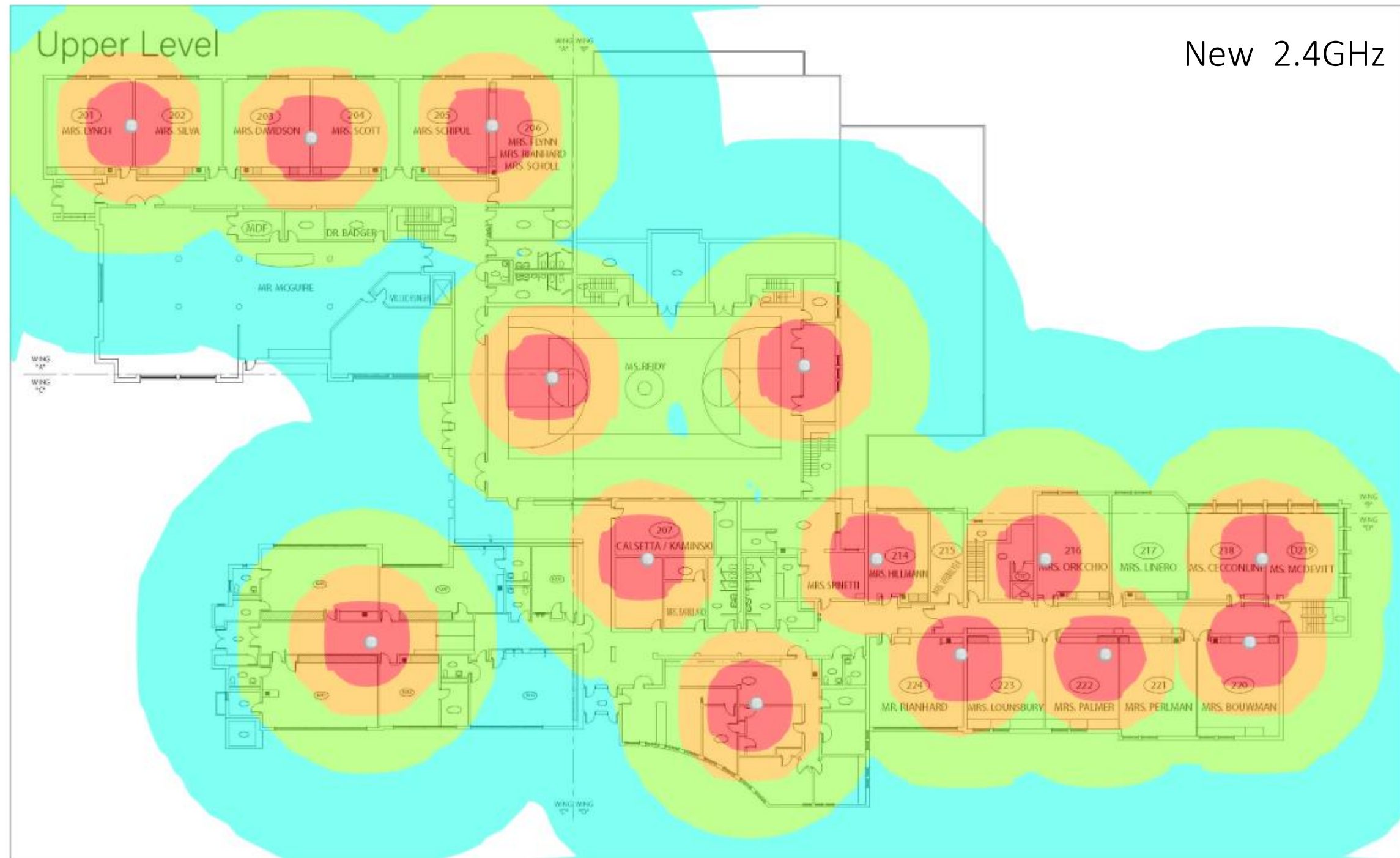


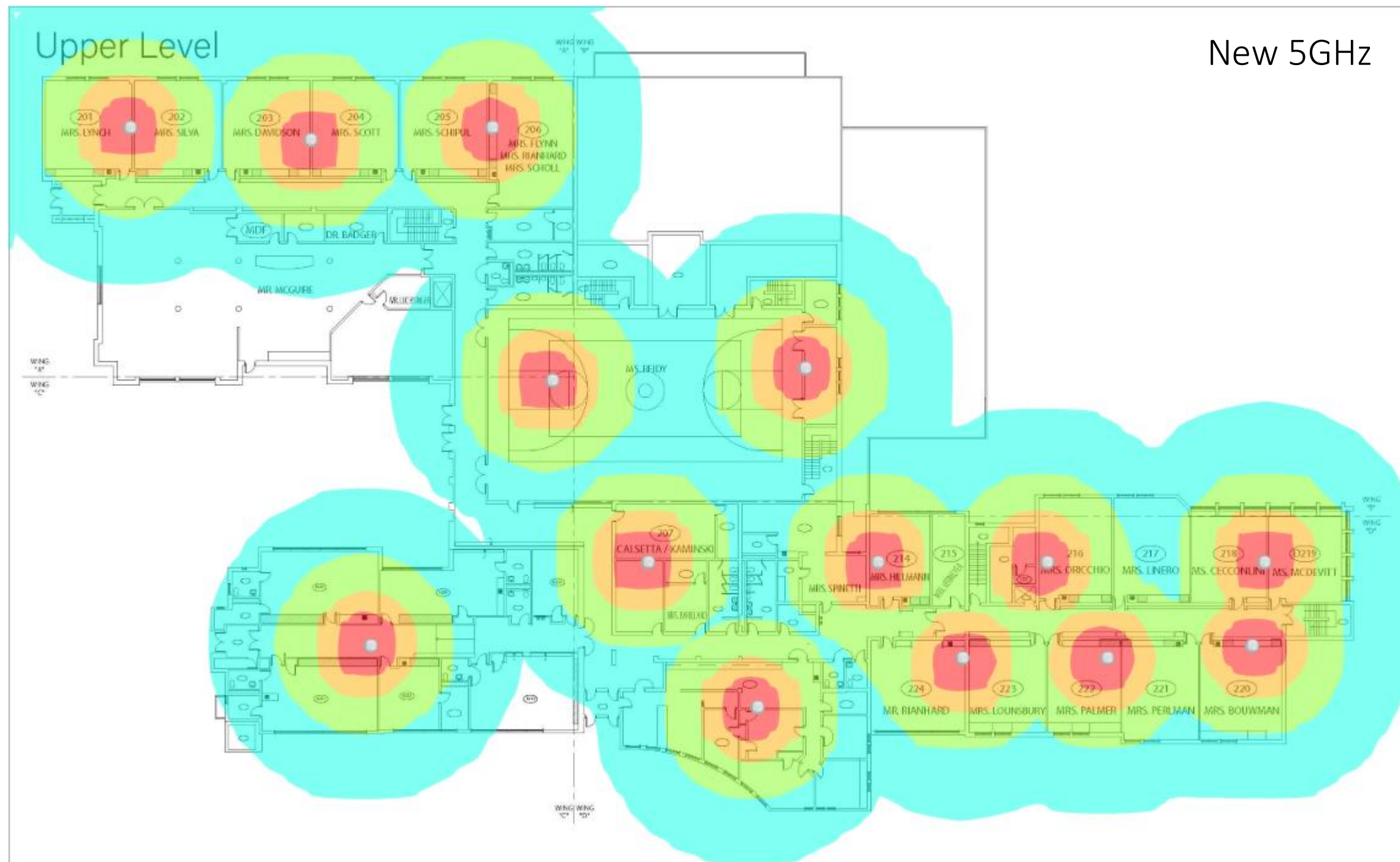












Wifi:

- Greater number of Access Points with better radios which in turn creates better coverage in the school reducing dropping of wifi signal
- Increased connectivity
- Newer devices will be able to take advantage of new radio technology and standards 801.11ac (all new Chromebooks have 802.11ac radios). Current AP's only have 802.11n
- Newer Access Points allow for band steering to force devices to the 5Ghz radio for increased speeds
 - 5Ghz is better because there are more channels available for the radio's to use therefore there isn't any overlapping of channels. New access points are also able to select these channels automatically and will not have to manually set. Devices wouldn't be talking to the access points competing for channels.
- Ability to control wifi networks over the internet and not have to rely on an on-premise controller to view network traffic also allows for upgrades to happen fast on the network due to the fact there would not be a controller that might not be able to handle newer AP's. All AP's would now be plug 'n play.
- Access points would allow the "Guest" access to become easier to connect (no password required) and track devices (email required to get access key) that use our "Guest" Network. We could also limit bandwidth/speed while on the "Guest" Network, ie. no youtube, no downloading of apps, etc.
- Allowing our school owned devices to connect to the correct Network "Staff" or "Student" by mac address limiting the need to distribute passwords and creating a much tighter network with less traffic (works in conjunction with server)
- OFDMA, the new access points allow multiple devices to transmit to and from the AP, and at the same time create a faster experience and less resending and possible loss of data transmission to the Access Point

Switches

- Increase the number of Power Over Ethernet (POE Devices - devices that receive power from the switch, not from an electric plug) devices that can be used on the network include: phones, AP's, lights, speakers, clocks, etc.
- Stops a current bottleneck and increases the throughput from 100 Mbps to 1Gbps
- Eliminates the need to control the switches from the command line (old method) and allows us to make changes to switches over the internet - ease of use
- New software and firmware would be installed that offers better security

Server

- New Operating system, better security
- Business class server would allow us to grow as a network and handle larger amounts of traffic
- Able to handle multiple services at once: Active Directory, Radius, File Sharing, Print Server, etc.
- Redundant power supply in case one fails, we would have another as backup
- Multiple network cards allowing for faster, more reliable communication to and from the server
- Ability to have a backup directly (RAID Disk) on the server, if the main copy fails or becomes corrupt it would have a backup to go to
- When the server shuts down causing loss of internet connectivity to all devices in the network, the newer server would be able to handle the current load plus much more resulting in no random shutdowns



Wireless Solutions



Pricing Proposal
Quotation #: 17062753
Created On: 4/30/2019
Valid Until: 4/30/2019

Sherman School District

Jim Luchsinger

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SHERMAN, CT 067841422
United States
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Fax:
Email: luchsingerj@shermanschool.com

Inside Account Executive - SLE

Christopher Nealon

290 Davidson Ave.
Somerset, NJ 08873
Phone: 732-564-8507
Fax: 512-732-0232
Email: Christopher_Nealon@SHI.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE Aruba AP-303 (US) - Wireless access point - Wi-Fi - Dual Band Hewlett Packard Enterprise - Part#: JZ321A	28	\$204.97	\$5,739.16
2 HPE Foundation Care Next Business Day Exchange Service - Extended service agreement - replacement - 1 year - shipment - 9x5 - response time: NBD - for HPE Aruba AP-303 (EG), AP-303 (IL), AP-303 (JP), AP-303 (RW), AP-303 (US) Hewlett Packard Enterprise - Part#: H9VR8E	28	\$15.07	\$421.96
3 HPE Aruba 2530-48G-PoE+ - Switch - managed - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP - desktop, rack-mountable, wall-mountable - PoE+ Hewlett Packard Enterprise - Part#: J9772A#ABA	1	\$1,674.59	\$1,674.59
4 HPE Foundation Care Next Business Day Exchange Service - Extended service agreement - replacement - 1 year - shipment - 9x5 - response time: NBD Hewlett Packard Enterprise - Part#: H1JZ4E	1	\$128.60	\$128.60
Total			\$7,964.31

Additional Comments

Please Note: Hewlett Packard Enterprise has a zero returns policy on custom build machines.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

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TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The Products offered under this proposal are resold in accordance with the [SHI Online Customer Resale Terms and Conditions](#), unless a separate resale agreement exists between SHI and the Customer.



Pricing Proposal
Quotation #: 17052955
Created On: 4/29/2019
Valid Until: 4/30/2019

Sherman School District

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Fax: 512-732-0232
Email: Christopher_Nealon@SHI.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 Meraki MR33 Cloud Managed AP Cisco Systems - Part#: MR33-HW	28	\$649.00	\$18,172.00
2 Meraki MR Enterprise License, 1YR Cisco Systems - Part#: LIC-ENT-1YR	28	\$150.00	\$4,200.00
3 Meraki MR Enterprise License, 3YR Cisco Systems - Part#: LIC-ENT-3YR	28	\$300.00	\$8,400.00
4 Meraki MR Enterprise License, 5YR Cisco Systems - Part#: LIC-ENT-5YR	28	\$450.00	\$12,600.00
Total			\$43,372.00

Additional Comments

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

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Pricing Proposal
Quotation #: 17052557
Created On: 4/29/2019
Valid Until: 4/30/2019

Sherman School District

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All Prices are in US Dollar (USD)

	Product	Qty	Your Price	Total
1	UniFi AP, AC PRO USA Streakwave - Part#: UAP-ACPROUS	3	\$127.39	\$382.17
2	UniFi AP, AC PRO 5 Pack No PoE USA Ubiquiti Networks - Part#: UAP-ACPRO5US	5	\$595.40	\$2,977.00
3	UniFi 48 Gigabit PoE 500W Streakwave - Part#: US-48-500WA	1	\$711.36	\$711.36
			Shipping	\$74.94
			Total	\$4,145.47

Additional Comments

Ubiquiti has a no returns policy on any open products.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084.

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We have prepared a quote for you

Wifi project



Quote # 000828
Version 1

Prepared for:

The Sherman School

Jim Luchsinger
luchsingerj@shermanschool.com

Wifi Hardware

Description	Price	Qty	Ext. Price
Aruba Instant IAP-305 IEEE 802.11ac 1.70 Gbit/s Wireless Access Point - 5 GHz, 2.40 GHz - 3 x Antenna(s) - 3 x Internal Antenna(s) - MIMO Technology - Beamforming Technology - 1 x Network (RJ45) - USB - Ceiling Mountable 	\$383.00	26	\$9,958.00
Aruba Wall Mount 	\$24.00	26	\$624.00

Subtotal: \$10,582.00

Installation

Description	Price	Qty	Ext. Price
Service - Not to Exceed Labor estimate, billed as actual but will not exceed.	\$112.50	16	\$1,800.00

Subtotal: \$1,800.00

Wifi project



Prepared by:

EBM, Inc.
James Daly
203-810-6960
jdaly@ebmusa.com

Prepared for:

The Sherman School
2 Route 37 East
Sherman, CT 06784
Jim Luchsinger
860-355-3793 x320
luchsingerj@shermanschool.com

Quote Information:

Quote #: 000828
Version: 1
Delivery Date: 05/14/2019
Expiration Date: 05/31/2019

Quote Summary

Description	Amount
Wifi Hardware	\$10,582.00
Installation	\$1,800.00
Total: \$12,382.00	

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

EBM, Inc.

The Sherman School

Signature: _____

Name: James Daly

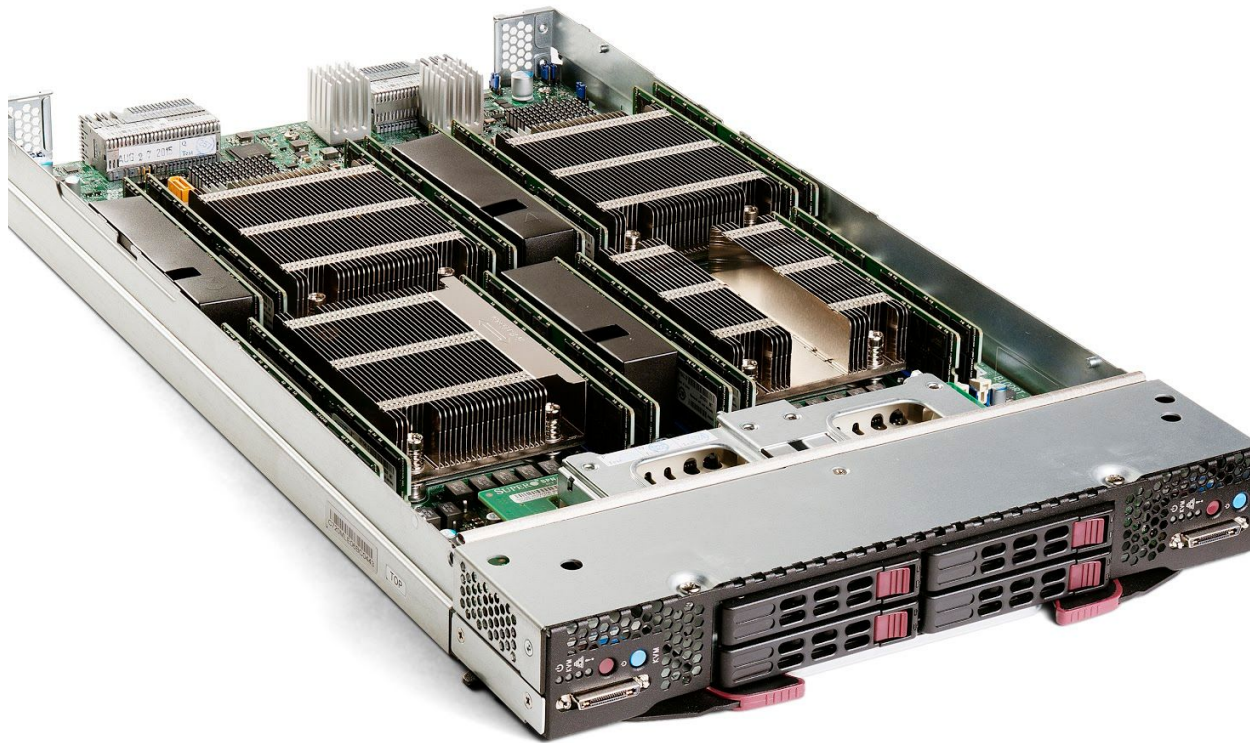
Title: _____

Date: 05/14/2019

Signature: _____

Name: Jim Luchsinger

Date: _____



Server Solutions



We have prepared a quote for you

Server

Quote # 000950
Version 1

Prepared for:

The Sherman School

Jim Luchsinger
luchsingerj@shermanschool.com

Products

Description	Price	Qty	Ext. Price
HPE ProLiant DL360 Gen10 Intel Xeon-S4110 8-Core (2.10GHz 11MB) 16GB (1 x 16GB) DDR4 2666MHz RDIMM 8 x Hot Plug 2.5in Small Form Factor Smart Carrier Smart Array P408i-a No Optical 2 x 500W PS	\$6,110.00	1	\$6,110.00
HPE DL360 Gen10 Intel Xeon-S4110 8-Core (2.10GHz 11MB L3 Cache) Processor Kit	\$0.00	1	\$0.00
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Memory Kit	\$0.00	1	\$0.00
HPE 300GB 12G 10k rpm HPL SAS SFF (2.5in) Smart Carrier ENT 3yr Wty Digitally Signed Firmware HDD	\$0.00	2	\$0.00
HPE 1.2TB 12G 10k rpm HPL SAS SFF (2.5in) Smart Carrier ENT 3 Year Wty Digitally Signed Firmware Hard Drive	\$0.00	3	\$0.00
Microsoft Windows Server 2019 Standard	\$0.00	1	\$0.00
Subtotal:			\$6,110.00

Services

Description	Price	Qty	Ext. Price
Labor estimate, billed as actual but will not exceed. Server installation, configuration and migration	\$112.50	32	\$3,600.00
Subtotal:			\$3,600.00

Server



Prepared by:

EBM, Inc.
James Daly
203-810-6960
jdaly@ebmusa.com

Prepared for:

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Sherman, CT 06784
Jim Luchsinger
860-355-3793 x320
luchsingerj@shermanschool.com

Quote Information:

Quote #: 000950
Version: 1
Delivery Date: 05/14/2019
Expiration Date: 06/13/2019

Quote Summary

Description	Amount
Products	\$6,110.00
Services	\$3,600.00
Total: \$9,710.00	

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

EBM, Inc.

The Sherman School

Signature: _____

Name: James Daly

Title: _____

Date: 05/14/2019

Signature: _____

Name: Jim Luchsinger

Date: _____



Pricing Proposal
Quotation #: 17065610
Created On: 5/1/2019
Valid Until: 5/31/2019

Sherman School District

Jim Luchsinger

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Inside Account Executive - SLE

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Email: Christopher_Nealon@SHI.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE ProLiant DL360 Gen10 - Server - rack-mountable - 1U - 2-way - 1 x Xeon Silver 4112 / 2.6 GHz - RAM 16 GB - SAS - hot-swap 2.5" - no HDD - GigE - monitor: none - HPE Smart Buy Hewlett Packard Enterprise - Part#: 874459-S01	1	\$1,754.30	\$1,754.30
2 HPE SmartMemory - DDR4 - 16 GB - DIMM 288-pin - 2666 MHz / PC4-21300 - CL19 - 1.2 V - registered - ECC Hewlett Packard Enterprise - Part#: 835955-B21	1	\$251.75	\$251.75
3 HPE - Power supply - hot-plug / redundant (plug-in module) - Flex Slot - 80 PLUS Platinum - AC 100-240 V - 500 Watt - 563 VA Hewlett Packard Enterprise - Part#: 865408-B21	1	\$166.86	\$166.86
4 HPE Integrated Lights-Out Advanced - License + 3 Years 24x7 Support - 1 server - for ProLiant DL160 Gen9, DL20 Gen9, DL360 Gen10, DL380 Gen10, DL580 Gen9, ML30 Gen9 Hewlett Packard Enterprise - Part#: BD505A	1	\$253.25	\$253.25
5 HPE - Hard drive - 2 TB - hot-swap - 2.5" SFF - SAS 12Gb/s - 7200 rpm - with HP SmartDrive carrier Hewlett Packard Enterprise - Part#: 765466-B21	4	\$520.02	\$2,080.08
6 HPE Foundation Care 24x7 Service - Extended service agreement - parts and labor - 3 years - on-site - 24x7 - response time: 4 h - for ProLiant DL360 Gen10 Hewlett Packard Enterprise - Part#: H8QF0E	1	\$1,104.45	\$1,104.45
Total			\$5,610.69

Additional Comments

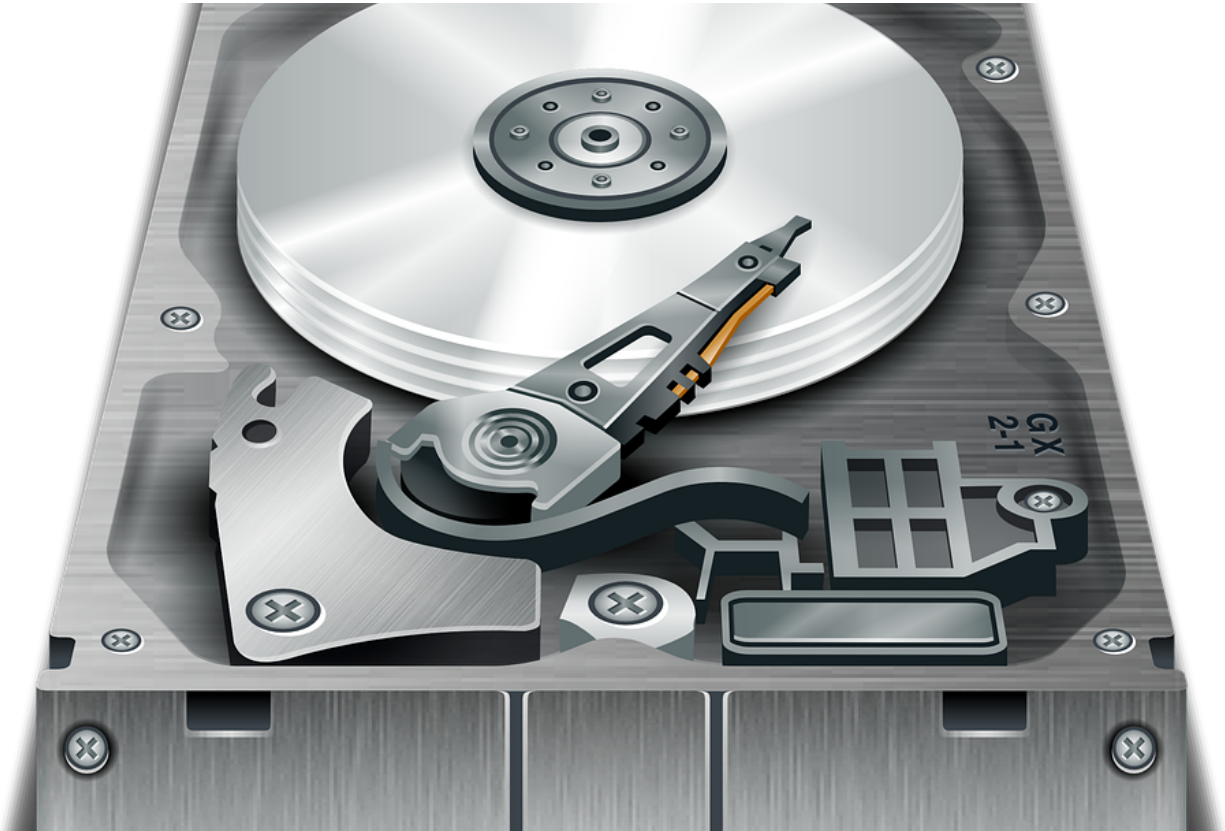
Please Note: Hewlett Packard Enterprise has a zero returns policy on custom build machines.

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above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084.

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TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

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Backup Solution



We have prepared a quote for you

Datto Alto - Cloud Virtualization

Quote # 000952
Version 1

Prepared for:

The Sherman School

Jim Luchsinger
luchsingerj@shermanschool.com

Hardware (one time purchase)

Description	Price	Qty	Ext. Price
Datto ALTO 2TB Disaster Recovery Appliance datto	\$539.00	1	\$539.00

Subtotal: **\$539.00**

Monthly Service

Description	Price	Qty	Ext. Price
MGP - Backup and DR- Storage Datto 2TB local and infinite cloud storage - monthly Subscription	\$199.00	1	\$199.00

Subtotal: **\$199.00**

Datto Alto - Cloud Virtualization



Prepared by:

EBM, Inc.
James Daly
203-810-6960
jdaly@ebmusa.com

Prepared for:

The Sherman School
2 Route 37 East
Sherman, CT 06784
Jim Luchsinger
860-355-3793 x320
luchsingerj@shermanschool.com

Quote Information:

Quote #: 000952
Version: 1
Delivery Date: 05/14/2019
Expiration Date: 06/13/2019

Quote Summary

Description	Amount
Hardware (one time purchase)	\$539.00
Monthly Service	\$199.00
Total:	
	\$738.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

EBM, Inc.

The Sherman School

Signature: _____

Name: James Daly

Title: _____

Date: 05/14/2019

Signature: _____

Name: Jim Luchsinger

Date: _____



Switch Solutions



We have prepared a quote for you

Network Switches

Quote # 000951
Version 1

Prepared for:

The Sherman School

Jim Luchsinger
luchsingerj@shermanschool.com

Products

Description	Price	Qty	Ext. Price
HPE Aruba 2540- 48 Ports- PoE+ - Manageable - 2 Layer Supported - Modular - Twisted Pair, Optical Fiber - 1U High - Rack-mountable - Lifetime Limited Warranty 	\$2,269.00	2	\$4,538.00

Subtotal: \$4,538.00

Network Switches



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James Daly
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Prepared for:

The Sherman School
2 Route 37 East
Sherman, CT 06784
Jim Luchsinger
860-355-3793 x320
luchsingerj@shermanschool.com

Quote Information:

Quote #: 000951
Version: 1
Delivery Date: 05/14/2019
Expiration Date: 05/31/2019


Quote Summary

Description	Amount
Products	\$4,538.00
Total: \$4,538.00	

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

EBM, Inc.

The Sherman School

Signature: 
Name: James Daly
Title:
Date: 05/14/2019

Signature: _____
Name: Jim Luchsinger
Date: _____