

# IT Update

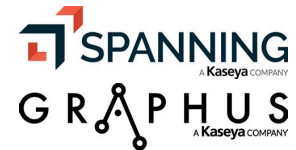
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**August 20, 2024**

*Mike Pritchard, IT Director*

# IT Update - Security Posture

- Require MFA on all staff accounts, including shared accounts
- No Admin on computers
- Encrypted hard drives



# New Initiatives

- Automation
  - Rippling - HRIS
  - Autotask
- Cyber Incident Response Plan
- Staff Technology Training
- 2025 WiFi replacement

# New P-Tech Network

- Current school WiFi
  - Approx \$20k/yr
  - Does not include equipment
- New system - \$60k one-time cost
- \$1,500/yr for support
- Estimated cost per year: \$13,500

1:16 PM MDT



### P-Tech

UniFi OS 4.0.6

[View Release Notes](#) | [Submit Support Ticket](#)

WAN IP (Port 9) 23.24.146.225

Gateway IP 10.1.16.1

System Uptime 1w 5d 4h 42m

Internet Comcast Business

Uptime 100%

Activity ↓ 0.01 Mbps ↑ 0.07 Mbps

31 ms 14 ms 14 ms

Internet Health [See All](#)

### Traffic Identification

↓ 15.6 GB ↑ 585 MB >



Name	Download	Upload	Total
SSL/TLS	5.22 GB	208 MB	5.43 GB
Kerberos	3.26 GB	80.7 MB	3.34 GB
Windows U...	1.91 GB	143 MB	2.05 GB
HTTP	1.36 GB	10.0 MB	1.37 GB

### WiFi Technology



Type	Activity	Experience	Connections
WiFi 6 5 GHz		Excellent	44
WiFi 6 6 GHz		Excellent	14
WiFi 5 5 GHz		Excellent	27
WiFi 4 5 GHz		Excellent	2

### Most Active Clients



MyDell



STEM4902M...



nathanslaptop



PTECH-4968



WIN-31RR2V...

### Most Active Access Points



PTech-5638-...



PTech-5667-IT



PTech-5666-...



PTech-5668-...



PTech-5669-K...

### Active Channels

2.4 & 5 GHz | 6 GHz >



Search All (52) WiFi (4) Wired (48) Online Offline

Name	Vendor	Connection	Network	WiFi	Experience	Technology	Channel	IP Address	Download	Upload	24HR Usage
● b8:a4:4f:74:8b:8c	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	FE	-	10.1.10.244	↓ 0 bps	↑ 0 bps	8.43 KB
● b8:a4:4f:87:2f:58	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	FE	-	10.1.10.245	↓ 0 bps	↑ 0 bps	8.14 KB
● b8:a4:4f:a7:9a:3d	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	FE	-	10.1.10.248	↓ 0 bps	↑ 0 bps	14.1 KB
● b8:a4:4f:6e:5c:84	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	FE	-	10.1.10.247	↓ 0 bps	↑ 0 bps	6.75 KB
● b8:a4:4f:9c:17:01	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	GbE	-	10.1.10.246	↓ 0 bps	↑ 0 bps	8.01 KB
● b8:a4:4f:6e:4a:7f	Axis Communications...	PTech2-5671 Po...	Staff	-	Excellent	FE	-	10.1.10.249	↓ 0 bps	↑ 0 bps	7.64 KB
● brwa83b76f1102	Brother Industries, Ltd.	PTech-5668-MDF	Staff	PTech-Staff	Excellent	1x1, WiFi 4	161 (5 GHz, 20 MHz)	10.1.10.115	↓ 0 bps	↑ 0 bps	18.0 KB
● brwa83b76f1b18a	Brother Industries, Ltd.	PTech-5669-KO...	Staff	PTech-Staff	Excellent	1x1, WiFi 4	36 (5 GHz, 20 MHz)	10.1.10.212	↓ 0 bps	↑ 0 bps	61.7 KB
● PTECH-3335	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.170	↓ 248 bps	↑ 15.5 Kbps	8.72 MB
● Dell Laptop	Dell, Inc.	PTech2-5671 Po...	Staff	-	Excellent	GbE	-	10.1.10.242	↓ 0 bps	↑ 0 bps	19.1 MB
● PTECH-4919	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.110	↓ 0 bps	↑ 0 bps	392 MB
● PTECH-4951	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.65	↓ 0 bps	↑ 0 bps	78.4 MB
● PTECH-4940	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.229	↓ 0 bps	↑ 0 bps	123 MB
● PTECH-4972	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.240	↓ 0 bps	↑ 0 bps	475 MB
● PTECH-4959	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.104	↓ 0 bps	↑ 0 bps	28.4 MB
● PTECH-4921	Dell, Inc.	-	CS Lab	-	Excellent	10 GbE	-	10.1.29.111	↓ 0 bps	↑ 0 bps	390 MB
● PTECH-4968	Dell, Inc.	-	CS Lab	-	Excellent	10 GbE	-	10.1.29.167	↓ 0 bps	↑ 0 bps	503 MB
● PTECH-4963	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.55	↓ 0 bps	↑ 0 bps	8.40 MB
● LAB118-4952	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.41	↓ 0 bps	↑ 0 bps	208 MB
● PTECH-4927	Dell, Inc.	PTech3-Lab-567...	CS Lab	-	Excellent	GbE	-	10.1.29.79	↓ 0 bps	↑ 0 bps	32.1 MB

# New Project Management Software

- Manage all school projects in one space
- Greater Visibility

S STEM School'... ▾

Clips

Timesheets

More

Favorites >

Spaces

Everything

S STEM-Personal tasks 🔒

K KOSON CFO Migration 🔒

S STEM School

Communications Team

E Event Planning

I Information Technol... +

☰ Mike 10

☰ Jessie

☰ Hiroko

🍏 mattie 6

E Enrichment 🔒

I Information Technology / ☰ Mike ...

☰ List | 📅 Board | + View

📁 Group: Status

🔗 Subtasks: Collapse all

📄 Columns

☰ Filters

👤 Me mode

👥 Assignees

👁 Show close

▾  TO DO 10 ... + Add Task

Name

SmartPass Holidays ☰

Spanning - audit the shared drives ☰

Review office camera options

Autotask - assets and contacts ☰

Google Admin rules ☰

Automate Autotask ☰

Automate Rippling

Cyber Incident Response Plan ☰

Staff Technology training ☰

Site/App review process ☰

+ Add Task





# THANKS!

Any questions?

