

# Technology Infrastructure Upgrades

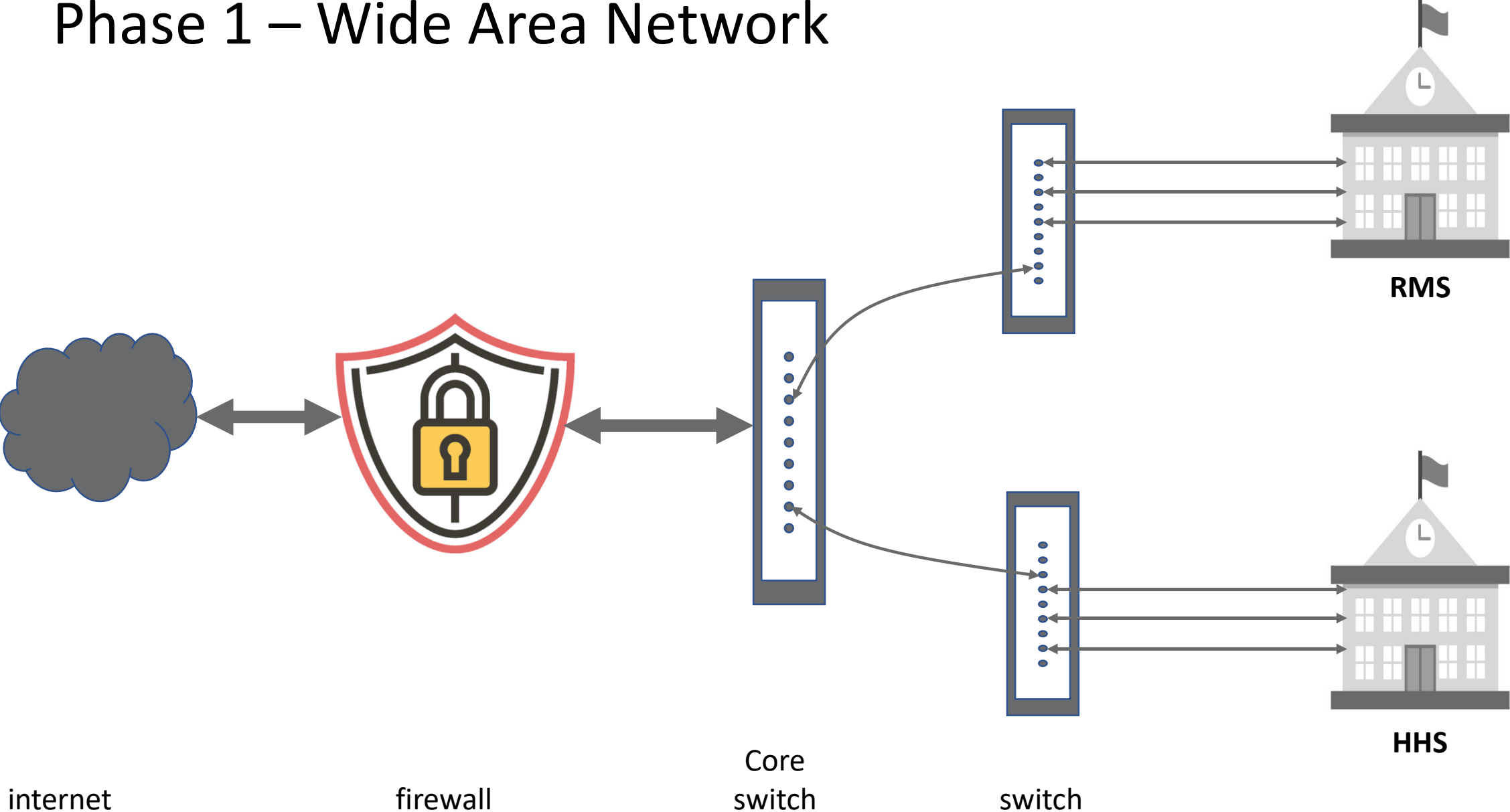
Phase 1 – Wide Area Network

Phase 2 – Cabling

Phase 3 – Access Points

Phase 4 – Phones: enhanced 911

# Phase 1 – Wide Area Network

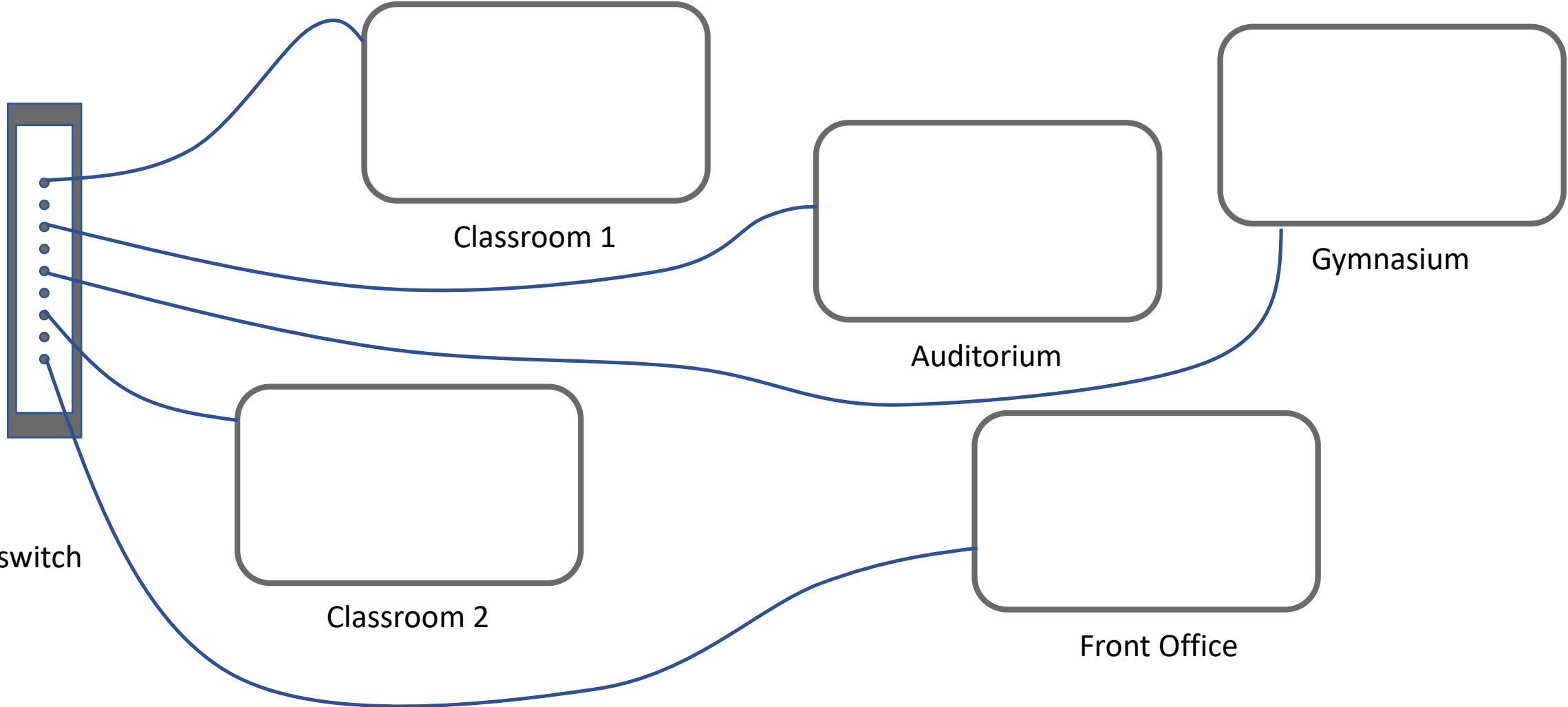


# Phase 1 – Wide Area Network

	SAU	Dresden	HHS
Firewall	\$2,500		
Core Switch			
Layer 3 Switch		\$7,500	\$7,500
Sub Total	\$11,000	\$7,500	\$7,500

**Paid with grant funds**

# Phase 2 – Cabling





## Phase 4 – Phones: enhanced 911



- Current phone system not e-911 compliant
- Upgrade will place phones in all classrooms
- Automatically report caller location

# Project Costs

	Dresden	
	RMS	HHS
Cabling	\$163,303	\$224,866
Access Points	\$66,990	\$110,055
Phones	\$33,540	\$78,548
Switches	\$56,696	\$99,218
UPS Backup	\$3,472	\$6,076
Sub Total	<b>\$324,001</b>	<b>\$518,763</b>
Warrant Article	<b>\$842,764</b>	

# Borrowing

10 year term, 2% interest rate

	Total	Interest	Yearly Payment	Yearly Assessment	
				Hanover	Norwich
Dresden	\$842,764	\$87,783	\$93,055	\$62,467	\$30,588
Hanover	\$245,334	\$25,554	\$27,084	\$27,084	
Norwich	\$216,224	\$22,522	\$23,875		\$23,875
Total				\$89,551	\$54,463

- a) If we write the debt in September 2021 with our local bank our first payment would be due in August 2022 which would be the 2022-23 school year (next year's budget)
- b) The above listed amounts may be offset by eRate funding
- c) The Dresden loan could be paid in full in the 3<sup>rd</sup> year as the 2003 construction loan will be paid off in 2023-24



# E-Rate Funding

- Via the Universal Service Fund of the FCC
- Provides discounts for telecommunications, Internet access, and internal connections to eligible schools and libraries
- Discounts between 20% and 90%
- Reimbursement after work is done
- Notoriously slow