

Framework Forward: Shaping NOC/SOC for the NM Statewide Education Network (SEN)



Over a decade of focused work and investments

- 99.88% of NM public schools have fiber (last school expected to connect to fiber this fiscal year)
- Better / more secure school networks
- Established the foundation for the Statewide Education Network

STATEWIDE
EDUCATION
NETWORK



Regional presence – Local ISPs

(Red & ---)

Circuits allow all sites to be protected.

SEN – Participants (~47% of student population)

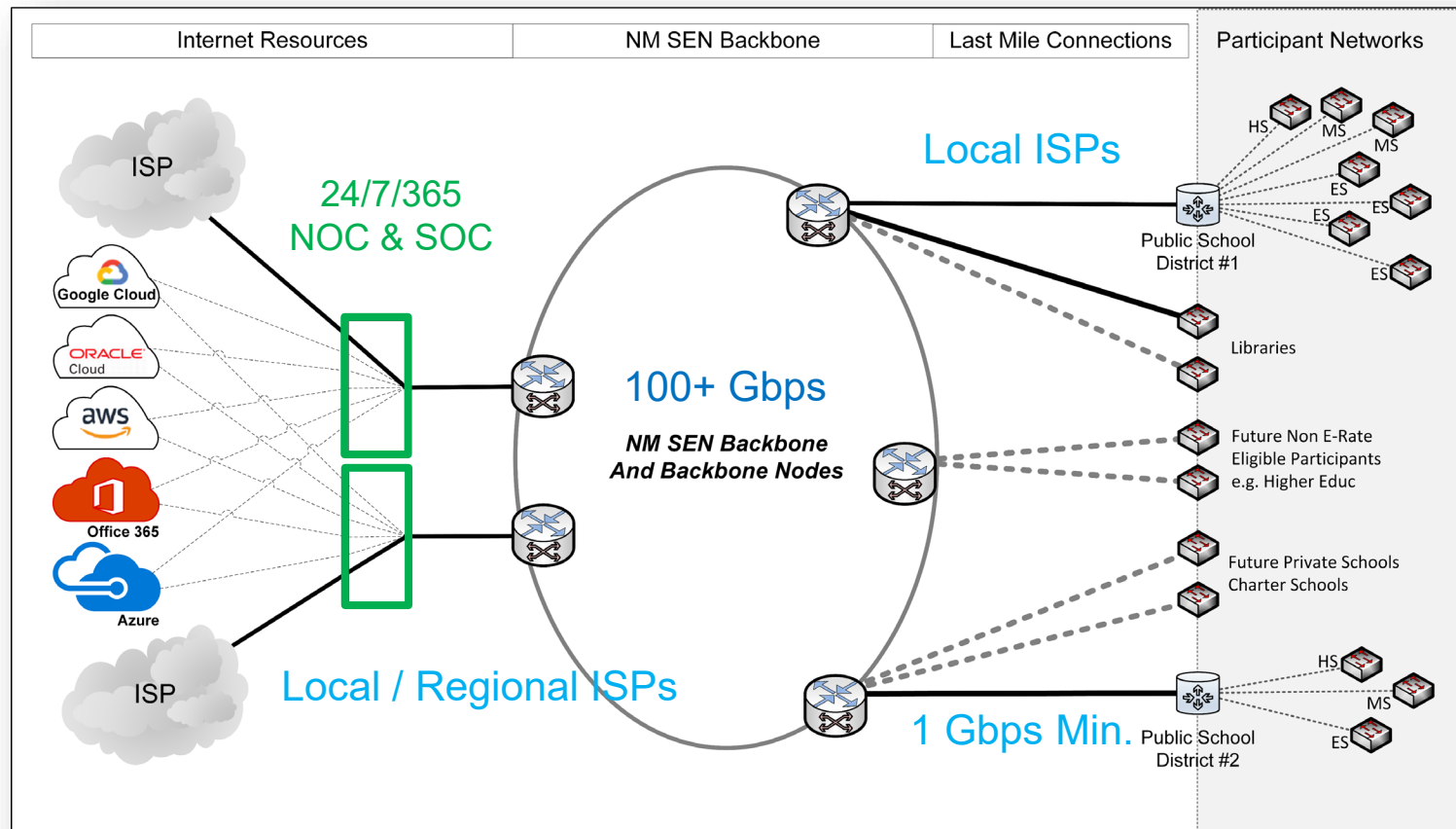


		A	B	C	D	E		
	School/District - SEN Circuits	Schools / Sites	Students	Teachers	Staff	Totals	FY	Type
1	21st Century Academy	1	393	33	51	477	2025	Charter
2	Mark Armijo	1	231	12	25	268	2025	Charter
3	Mountain Mahogany	1	225	20	20	265	2025	Charter
4	Farmington	20	11201	729	1100	13,030	2025	District
5	APS	160	65919	5300	11000	82,219	2025	District
6	Santa Rosa	6	608	54	859	1,521	2026	District
7	Las Vegas City	5	1021	87	300	1,408	2026	District
8	Gadsden	28	14170	868	1900	16,938	2026	District
9	Las Cruces Public Schools	40	23811	1514	5000	30,325	2026	District
10	Truth or Consequences	4	1430	87	72	1,589	2026	District
11	Albuquerque Sign Language Academy	1	146	19	0	165	2026	Charter
12	Albuquerque School Of Excellence	1	942	51	112	1,105	2026	Charter
13	Archer Academy (Former Los Puentes - Albuquerque)	1	182	22	28	232	2026	Charter
14	Aldo Leopold Charter (Silver City)	1	201	20	20	241	2026	Charter
15	Raices Del Saber (Las Cruces)	1	133	11	30	174	2026	Charter
	Grand Total	271	120613	8827	20517	149,957		
	School/District - Upcoming	Schools / Sites	Students	Teachers	Staff	Totals	FY	Type
15	Belen Schools	11	3602	240	600	4,442	2027	District
17	Hatch Valley	5	1284	89	150	1,523	2027	District
18	Los Alamos	8	3724	386	630	4,740	2027	District
19	Monte Del Sol (Santa Fe)	1	380	26	41	447	2027	Charter
20	Santa Fe Public Schools	31	13175	1000	1800	15,975	2027	District
	Grand Total	56	22165	1741	3221	27127		

SEN Benefits:

- **Cybersecurity:** risk reduction; most efficient & cost-effective
- **Educational:** Supports Ed Tech. Allows sharing of instructional and professional development resources.
- **Administrative:** Reduce burden for planning, procurement, contracting, E-rate paperwork, billing...
- **Cost reduction:** Economies of scale. Reduction or elimination of school's share (maximize E-rate).
- **Technical support:** Provide specialized resources to (small) schools.

SEN – Network Operations & Security



Key takeaways

- SEN - path to sustainability
- Provides specialized expertise & Technical support
- Network security - most efficient & cost-effective
- Predictable funding is essential (FUSF + State)
- Requires partnerships and collaboration

Questions

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