Completing the NM Broadband Highway

STATEWIDE EDUCATION NETWORK

Wired For Success

Statewide Education Network & Broadband Update

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What is the Statewide Education Network (SEN)?
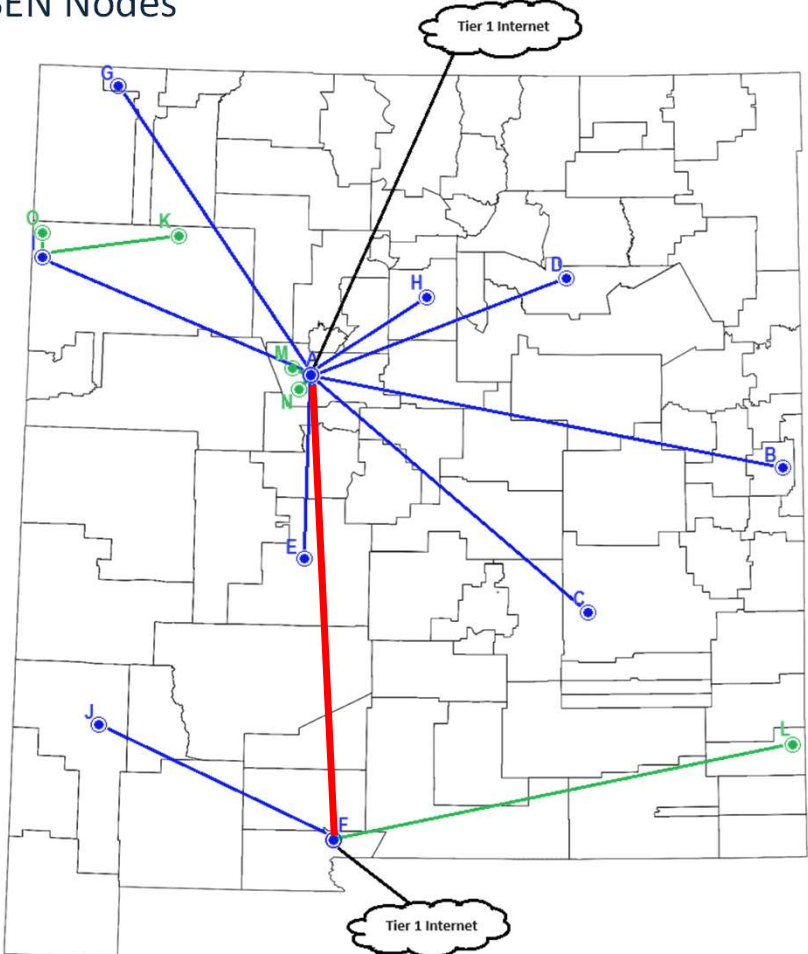
- https://youtu.be/WgdkZjFmVUY
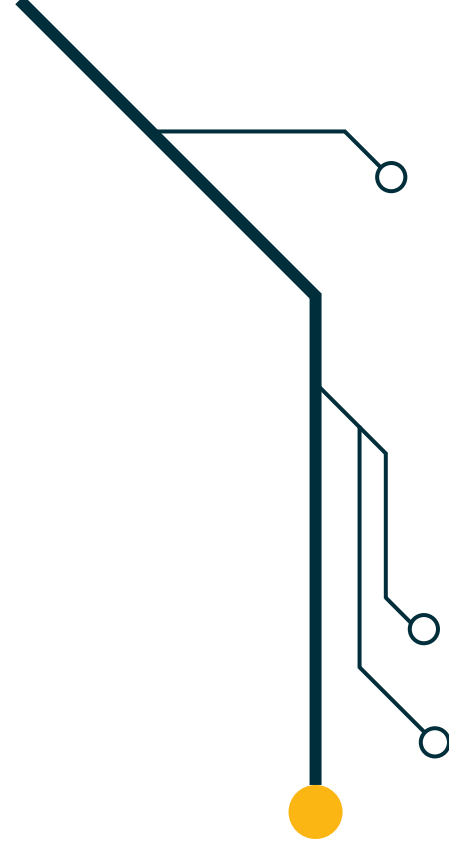
SEN Phase 1 (& beyond) – Overview & Cost
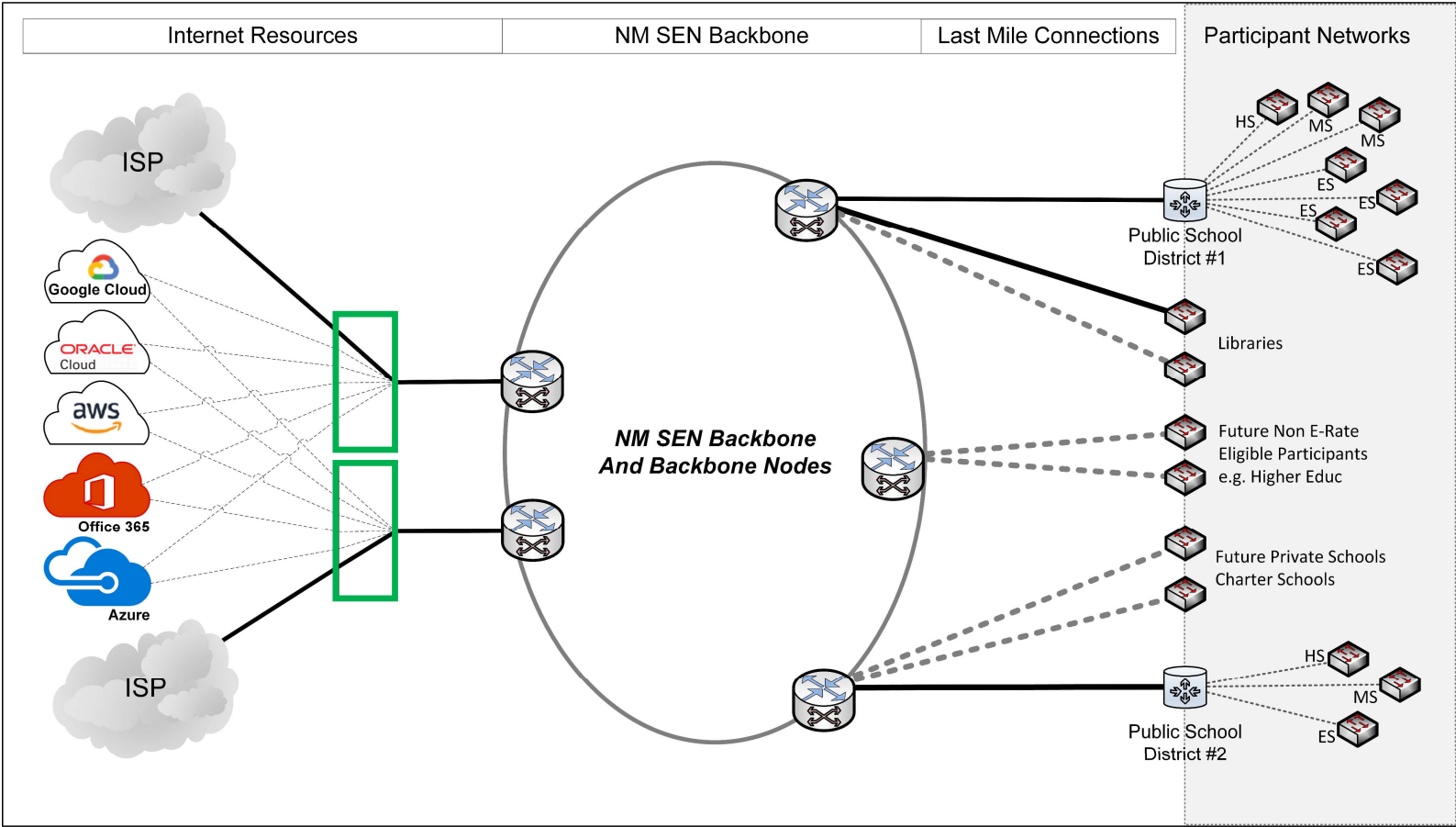
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SEN Nodes


Existing Nodes:

A - Albuquerque (505Marquette)
B – Clovis (Clovis Community College)
C – Roswell (Eastern NM University)
D – Las Vegas (Highlands University)
E – Socorro (New Mexico Tech)
F – Las Cruces (New Mexico State University)
G – Farmington (San Juan College)
H – Santa Fe (Santa Fe Indian School)
I – Gallup (UNM Gallup)
J – Silver City (Western NM University)

Potential New Nodes:

K – Crownpoint (Navajo Technical University)
L – Hobbs (New Mexico Junior College)
M – Albuquerque (OSO internet Exchange)
N – Las Vegas (Highlands University)
O – Yah-Ta-Hey Neutral Aggregation
Raton
Taos
...

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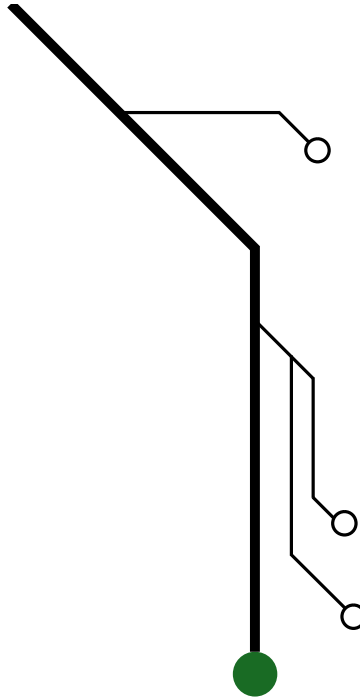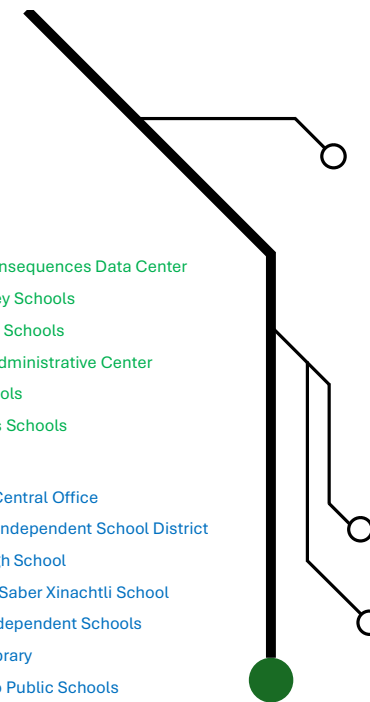
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Last mile Participants
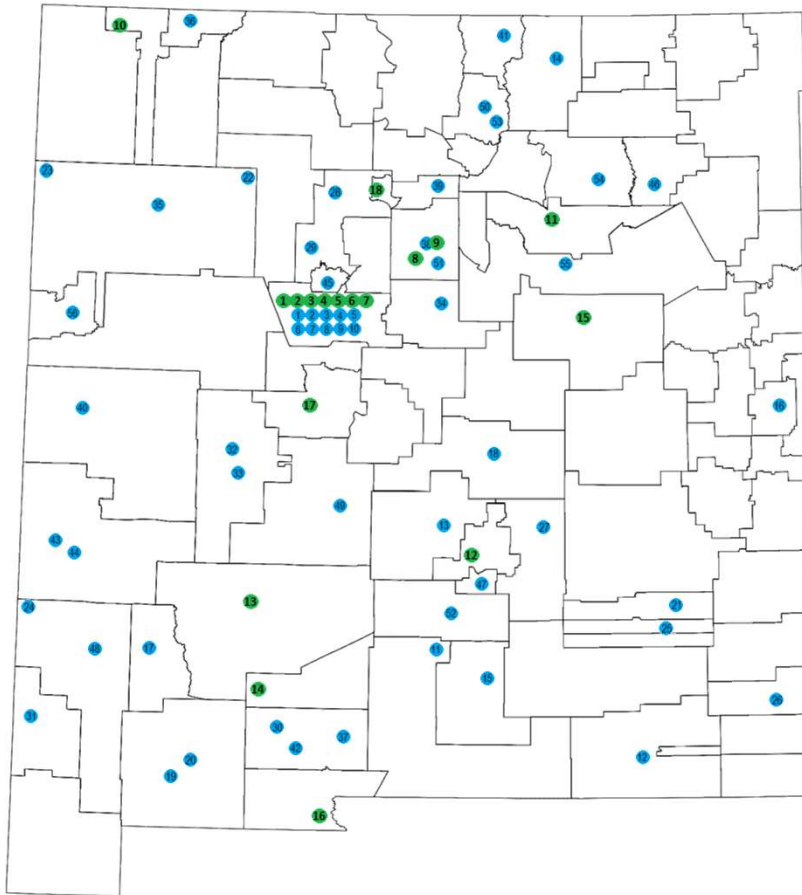
Phase 1

1 Dorn Charter School*
2 Mark Armijo Academy
3 APS Data Center
4 Coral Cmty Charter School*
5 Albuquerque School of Excellence
6 21st Century Public Academy
7 Mountain Mahogany Cmty School
8 Monte Del Sol Charter School
9 Santa Fe Public Schools
10 Farmington District Office
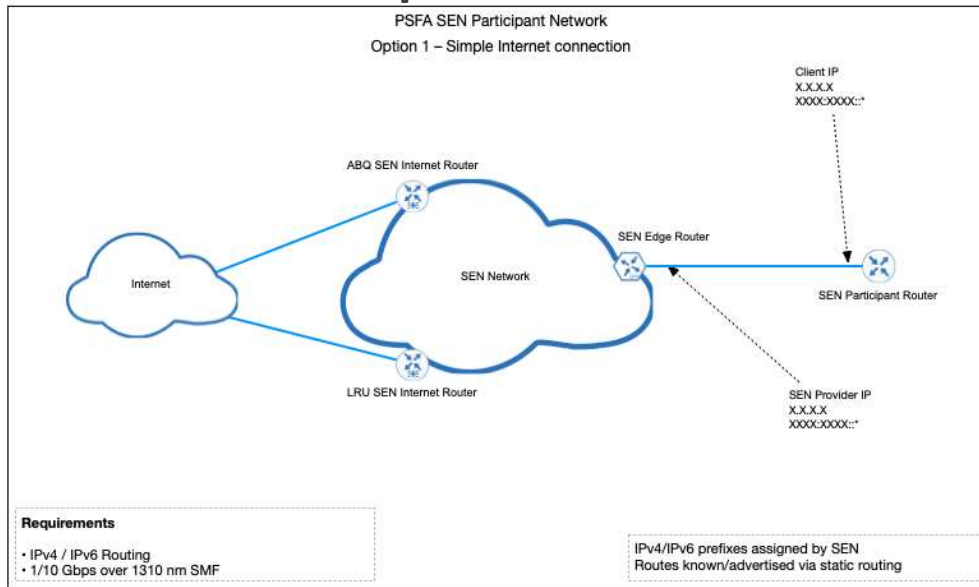11 Las Vegas City Schools Data Center
12 Capitan Schools*
13 Truth or Consequences Data Center
14 Hatch Valley Schools
15 Santa Rosa Schools
16 Gadsden Administrative Center
17 Belen Schools
18 Los Alamos Schools

Phase 2

1 Albuquerque Sign Language Academy
2 Amy Biehl High School
3 Cien Aguas International School
4 Cottonwood Classical Prep School
5 Gordon Bernell Charter School
6 Health Leadership High School
7 La Academia De Esperanza
8 Los Puentes Charter School
9 New Mexico International School
10 Technology Leadership High School
11 Alamogordo Public School District
12 Carlsbad Municipal Schools
13 Carrizozo Municipal Schools
14 Cimarron Mun School District
15 Cloudcroft Mun School District
16 Clovis Municipal Schools
17 Cobre Consolidated School District
18 Corona Public Schools
19 Deming Cesar Chavez High School

20 Deming Data Center
21 Dexter School District
22 Diné College Tribal Library
23 DEAP
24 Glenwood Library
25 Hagerman Municipal School District
26 Hobbs Municipal School District
27 Hondo Valley School District
28 Jemez Mountain (NCC)
29 Jemez Valley (NCC)
30 Las Cruces Public Schools
31 Lordsburg Municipal Schools
32 Magdalena Elementary School
33 Magdalena Library
34 MESD Network Operations
35 Middle College High School
36 Mosaic Academy
37 New America School - Las Cruces
38 New Mexico School For The Deaf

39 Pojoaque Central Office
40 Quemado Independent School District
41 Questa High School
42 Raices del Saber Xinachtli School
43 Reserve Independent Schools
44 Reserve Library
45 Rio Rancho Public Schools
46 Roy Municipal Schools
47 Ruidoso High School
48 Silver Consolidated Schools
49 Socorro Data Center
50 Taos Academy Charter School
51 Tierra Encantada Charter School
52 Tularosa Municipal School District
53 Vista Grande High School
54 Wagon Mound Public Schools
55 West Las Vegas School District
56 Zuni Public School District

* Removed from project due to school closure or school opting to receive internet services differently.

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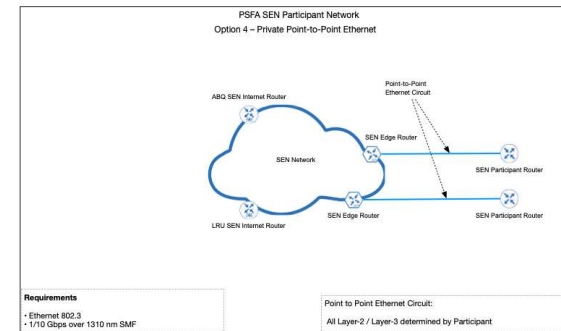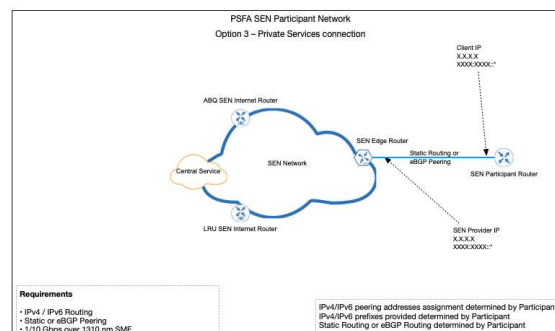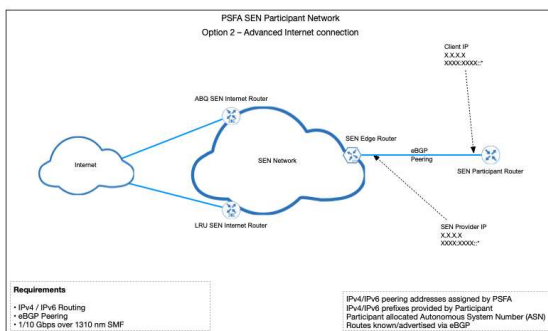Office of Broadband Access & Expansion

School Connection Options

Option 1:
Available today

Options 2-4:
Available in near future

Potential Central Service(s)

Define Central Service(s):
- Books (instruction)
- Videos
- Lesson Plans
- Online Classes
- Online tutoring
- Health & Wellness
- Professional development materials
- Learning platforms
- Cloud
- Cybersecurity
- Etc....
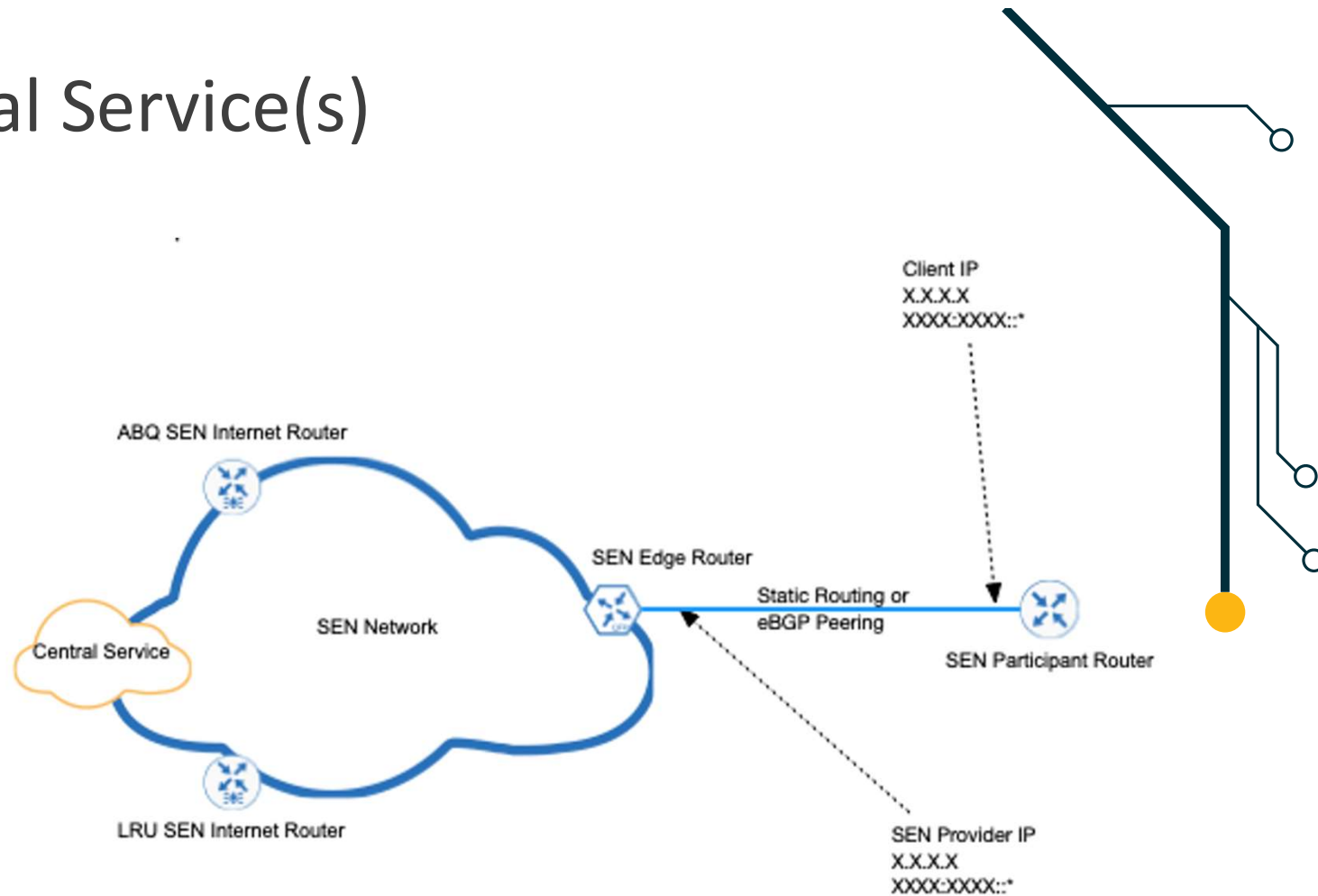
SEN Summary:

- Capable tool to help advance instruction
- Can help with many issues: education / technical / security / financial
- Operational today
- E-rate (Phase1) funding approved (sustainability)
- Within current budget even without E-rate (financial resiliency)
- Mission Critical Operation (24x7x365)
- 10+ Hub Sites / 100s of sites & customers & ~500,000 users

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