



New Mexico School Boards Association

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PSFA Presenters:

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Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.



Presentation objectives

- Inform on the progress of schools broadband upgrades
- Connect school broadband upgrades to broadband statewide
- Encourage partnerships and coordination:
 - Schools & Libraries (~**80% E-rate**)
 - Telehealth (~65% HealthcareConnect if eligible)
 - Economic development
 - Higher Ed: Education & Research
 - Municipalities
 - Government

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.



Introductions

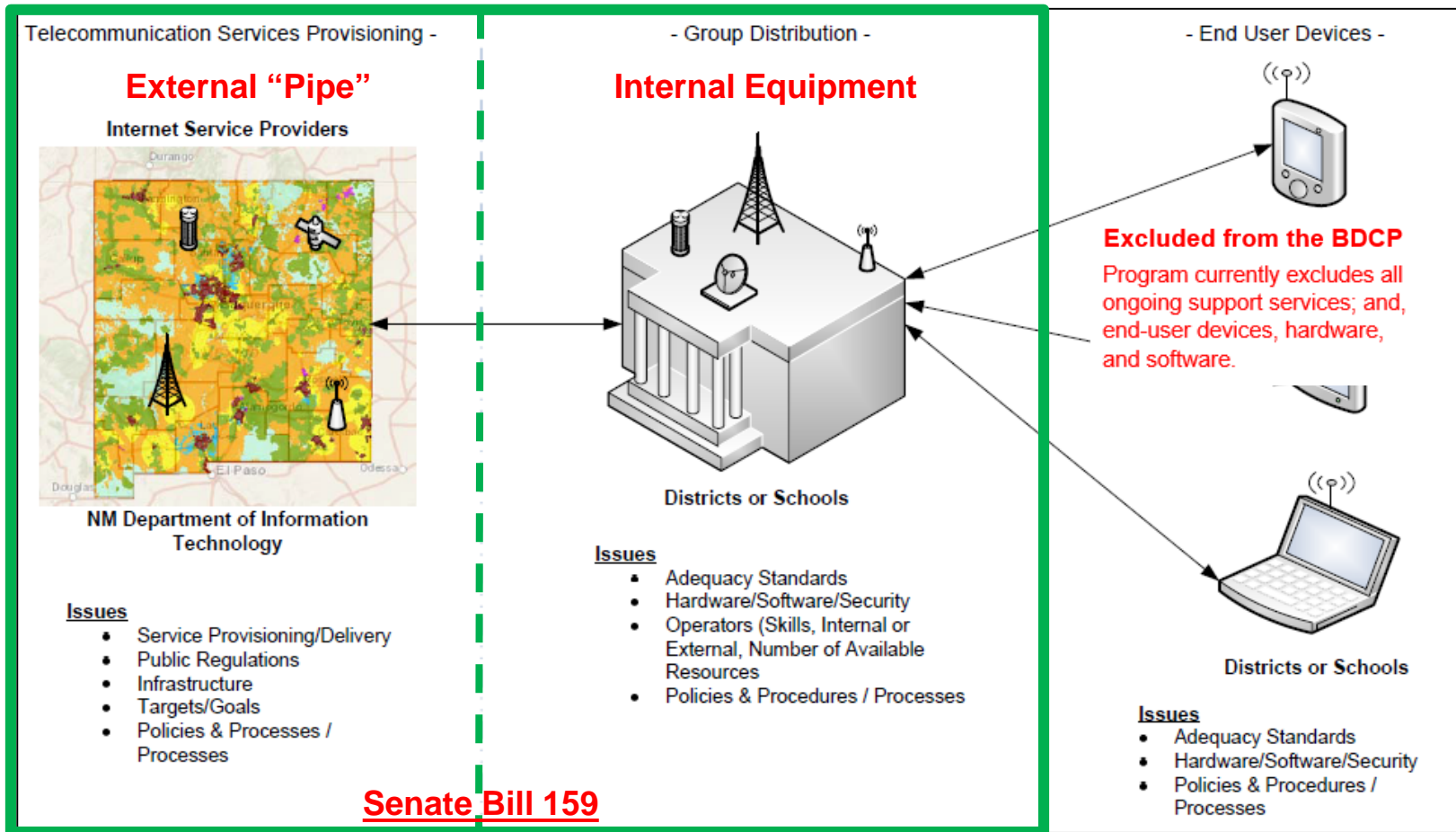
- PSFA – Project management
- Broadband Deficiencies Correction Program (SB 159)
 - Provides funding for K12 E-rate match (infrastructure)
- BDCP Team
- BDCP Partners:
 - Governor's office, PED, DoIT, ESH
 - TeleHealth Alliance
 - HigherEd
 - Tribal
 - Others

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High-Level View

As displayed below, broadband originates from Internet Service Providers (ISP), is distributed to districts/schools and then reaches students via end-user devices. The green area is covered by the BDCP.



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State matching can reduce costs even further



FIBER

If the state funds up to 10% of the cost for a school's fiber build, then the FCC will match.

Cost to connect a school in district ABC to fiber:	\$100,000
- E-rate discount for ABC (80%):	- \$80,000
- New Mexico funds 10% of the build:	- \$10,000
- FCC matches New Mexico's 10%:	- \$10,000
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Remaining costs to district ABC:	\$0

2016 - Results

1. Fiber upgrades ~ 60 schools (Approximately 300 Miles)
 - First major fiber project approved (Columbus – Deming)
2. Network equipment and WiFi upgrades ~ 240 schools
3. ~\$2.4M Infrastructure projects approved by E-rate & PSCOC
4. ~\$30M in infrastructure upgrades with less than \$4M in state (PSCOC) and schools funding



2017 & 2018

1. State funding availability:
 - PSCOC: financial plan includes \$15M state matching funds for K12 broadband infrastructure for next two years
2. Wide Area Network (WAN) connections:
 - RFP posted: Los Lunas, Gallup, APS
 - APS & City of Albuquerque collaboration
3. Network equipment and WiFi upgrades:
 - Coordinating projects for 2017
4. Pilot projects for other funding sources (USDA, grants)



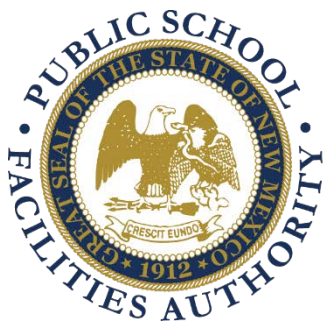
Questions?



Conclusions

- Importance of broadband
- Include broadband/IT in the planning process
- Maximize available funding
- Coordination and support (**E-rate...**)
- Investment in broadband infrastructure





BDCP

BROADBAND DEFICIENCIES
CORRECTION PROGRAM

Questions or Comments?

Public School Facilities Authority (PSFA)

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