Science, Technology and Telecommunications

November 14, 2016

PSFA Presenters:

Eric Moores, Broadband Project Manager
Ovidiu Viorica, Broadband Program Manager

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.
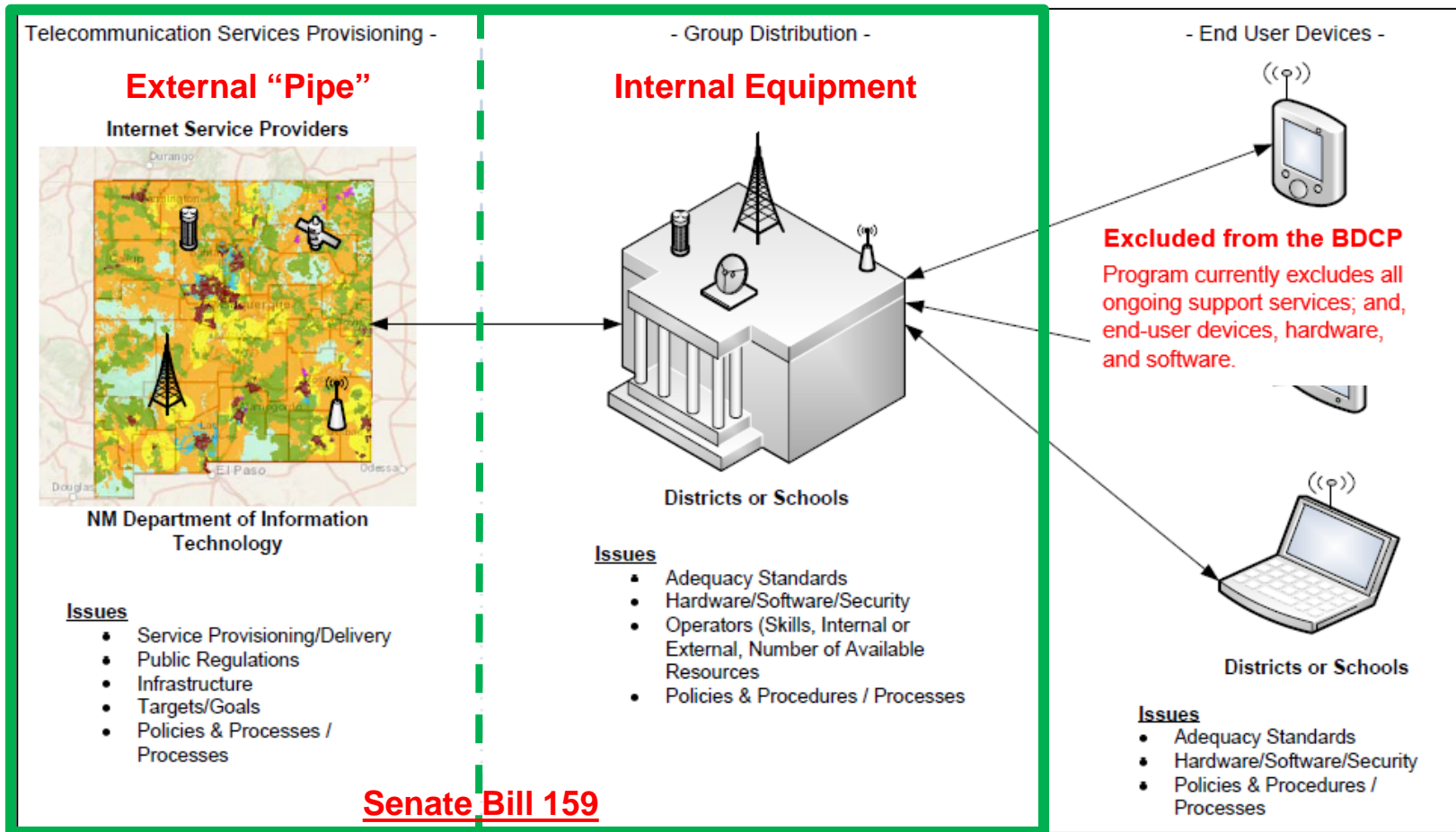
Introductions

- 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

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

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.

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

2016 - Results

1. Fiber upgrades ~ 60 schools (Approximately 300 Miles)
   - First major fiber project approved (Columbus – Deming)

2. ~$2.4M Infrastructure projects approved by E-rate & PSCOC

3. ~$30M in infrastructure upgrades with less than $4M in state (PSCOC) and schools funding
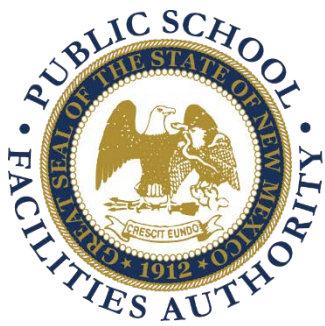
2017 & 2018

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 & City of Albuquerque collaboration

3. Network equipment and WiFi upgrades:
   - Coordinating projects for 2017

4. Pilot projects for other funding sources (USDA, grants)

Conclusions

- K12 Broadband infrastructure upgrades can help broadband progress

- Maximize available funding

- Coordination and support (E-rate…)

- Investment in broadband infrastructure

Questions or Comments?

Public School Facilities Authority (PSFA)

PSFA team: Ruth Bingham, Eric Moores, Richard Govea

Ovidiu Viorica – Broadband Program Manager

visit: http://www.nmpsfa.org/it/bdcp.htm

or phone: 505-843-6272