

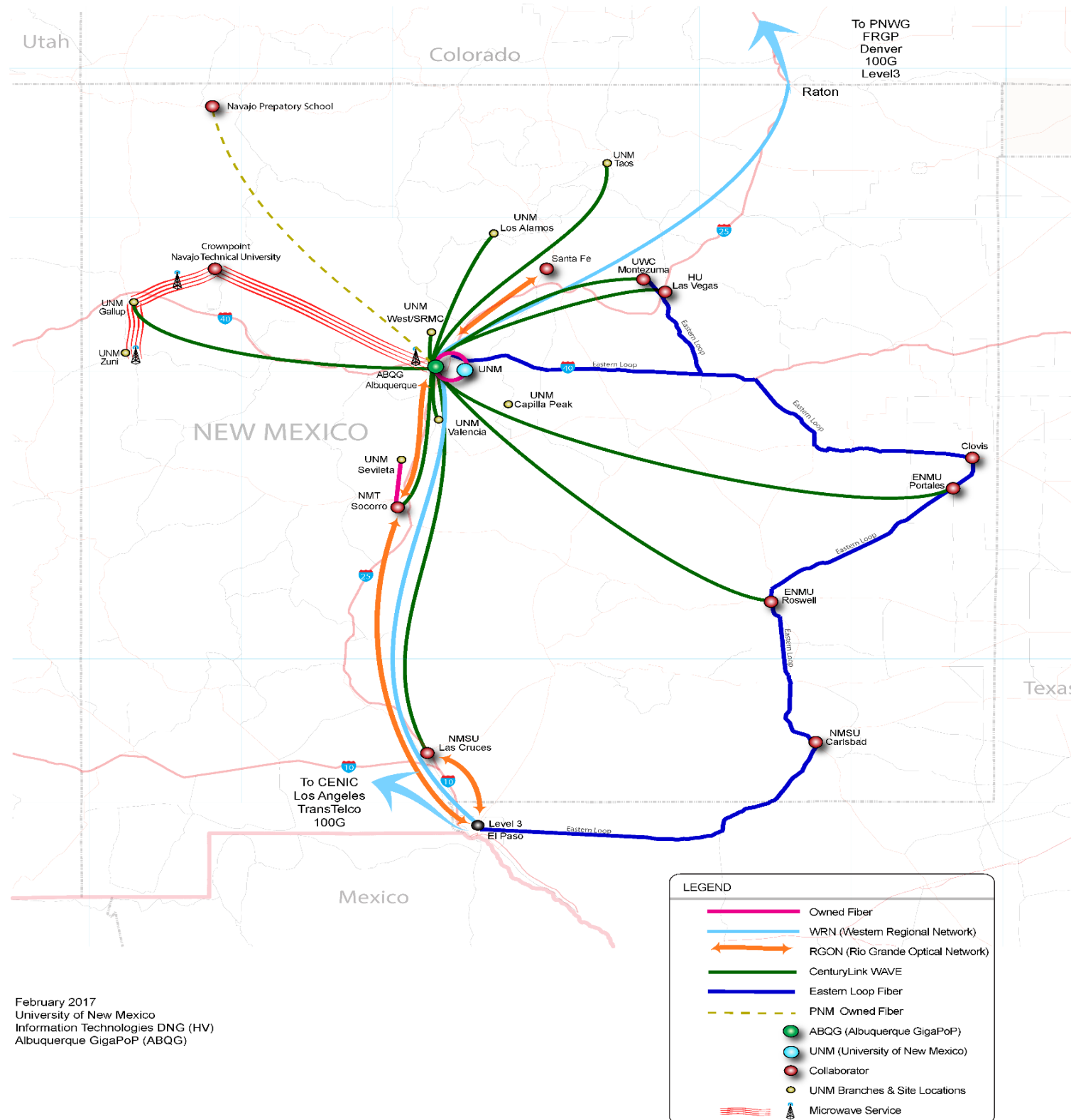
University of New Mexico
Information Technologies

Albuquerque GigaPoP ABQG

Duane Arruti, CIO

Steve Perry, Director of Networks

Albuquerque GigaPoP (ABQG) Service Footprint

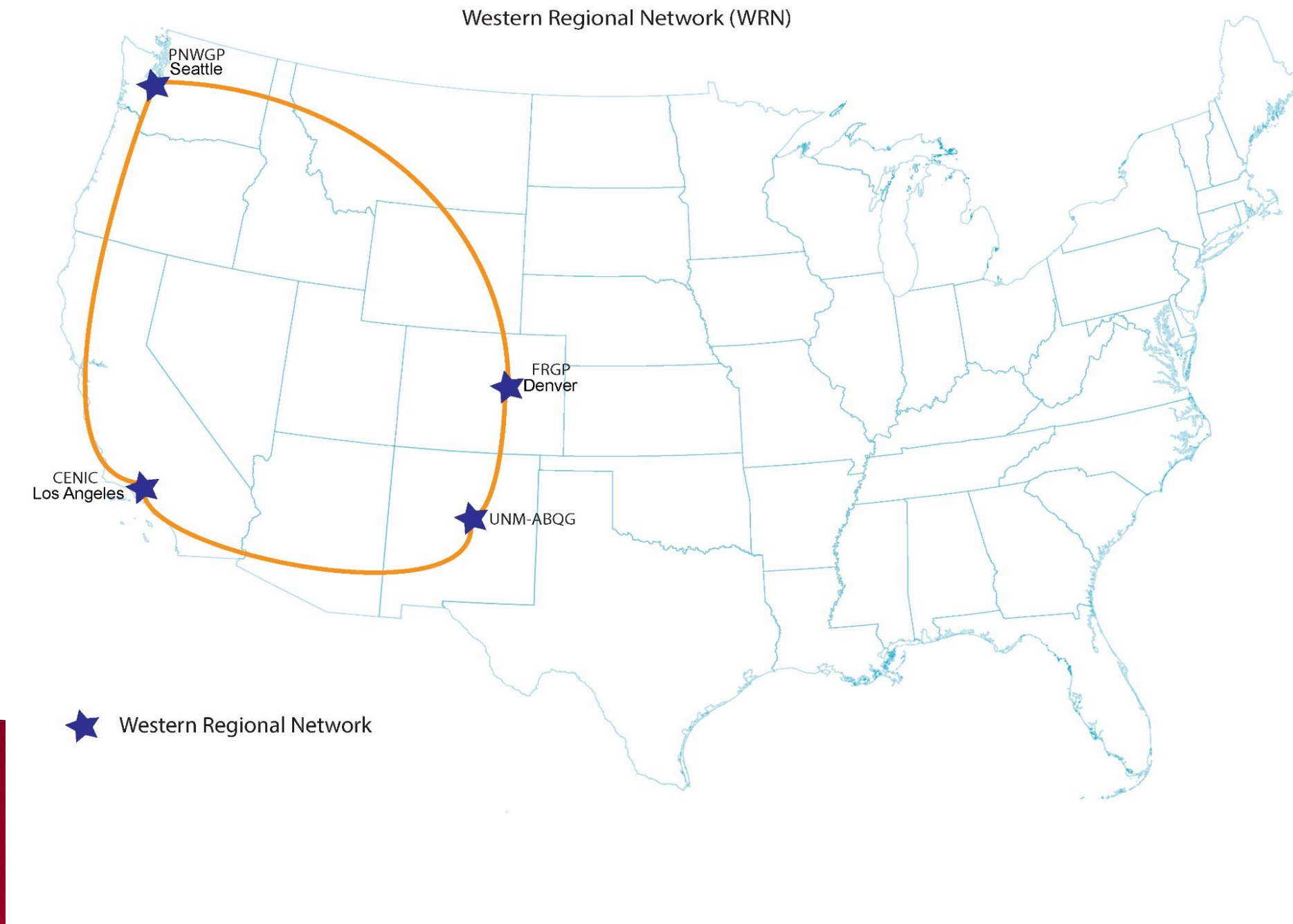


February 2017
University of New Mexico
Information Technologies DNG (HV)
Albuquerque GigaPoP (ABQG)

In State Collaborations

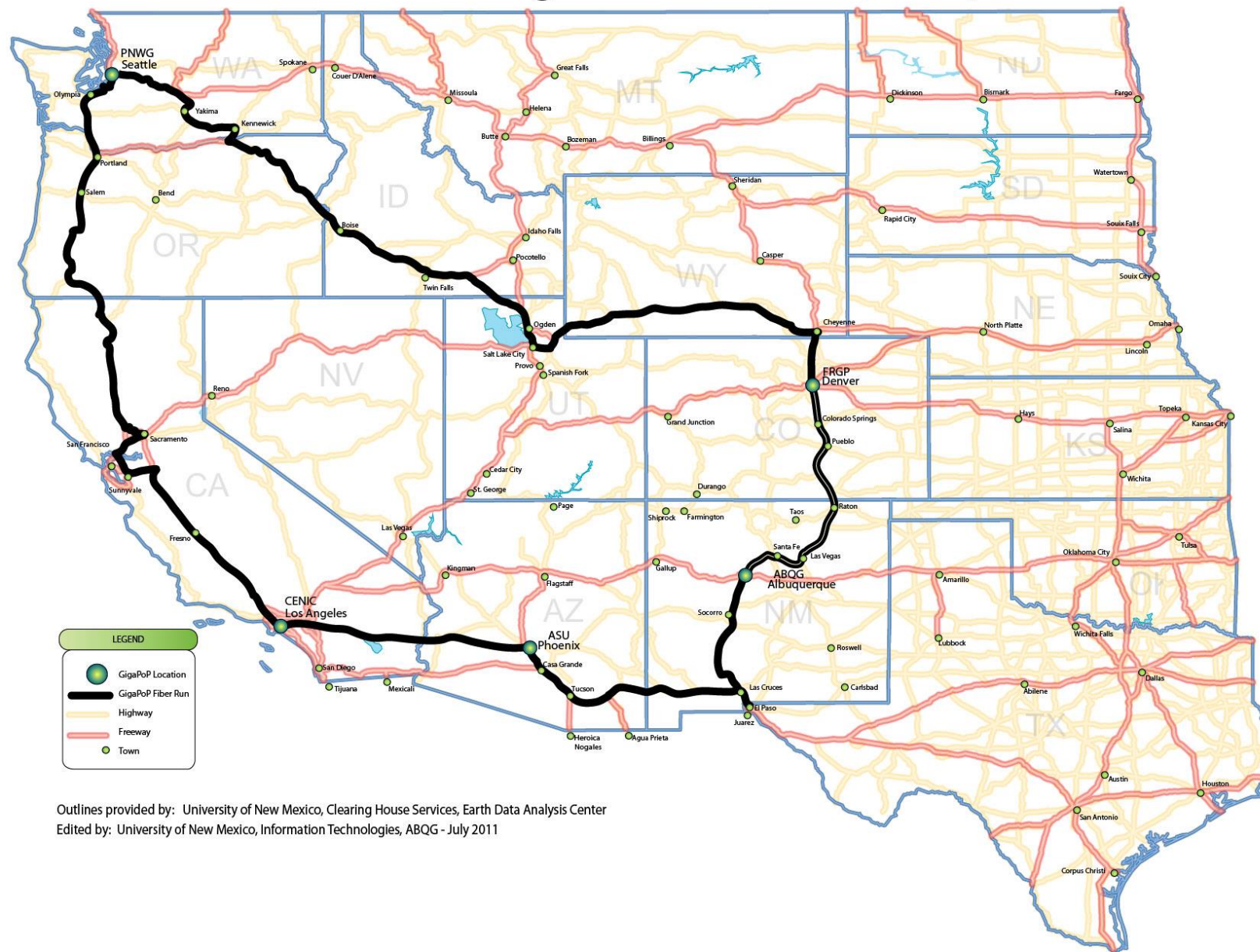
- We have a strong partnership with other Higher Ed institutions
 - NMSU
 - NMT
- Regional Schools (NMHU, ENMU, WNMU, NNMC)
 - All connect to CHECS/ABQG (except NNMC)
 - Held Planning Workshops at Each School

Regional Connectivity



Regional Connectivity

Western Regional Network (WRN)

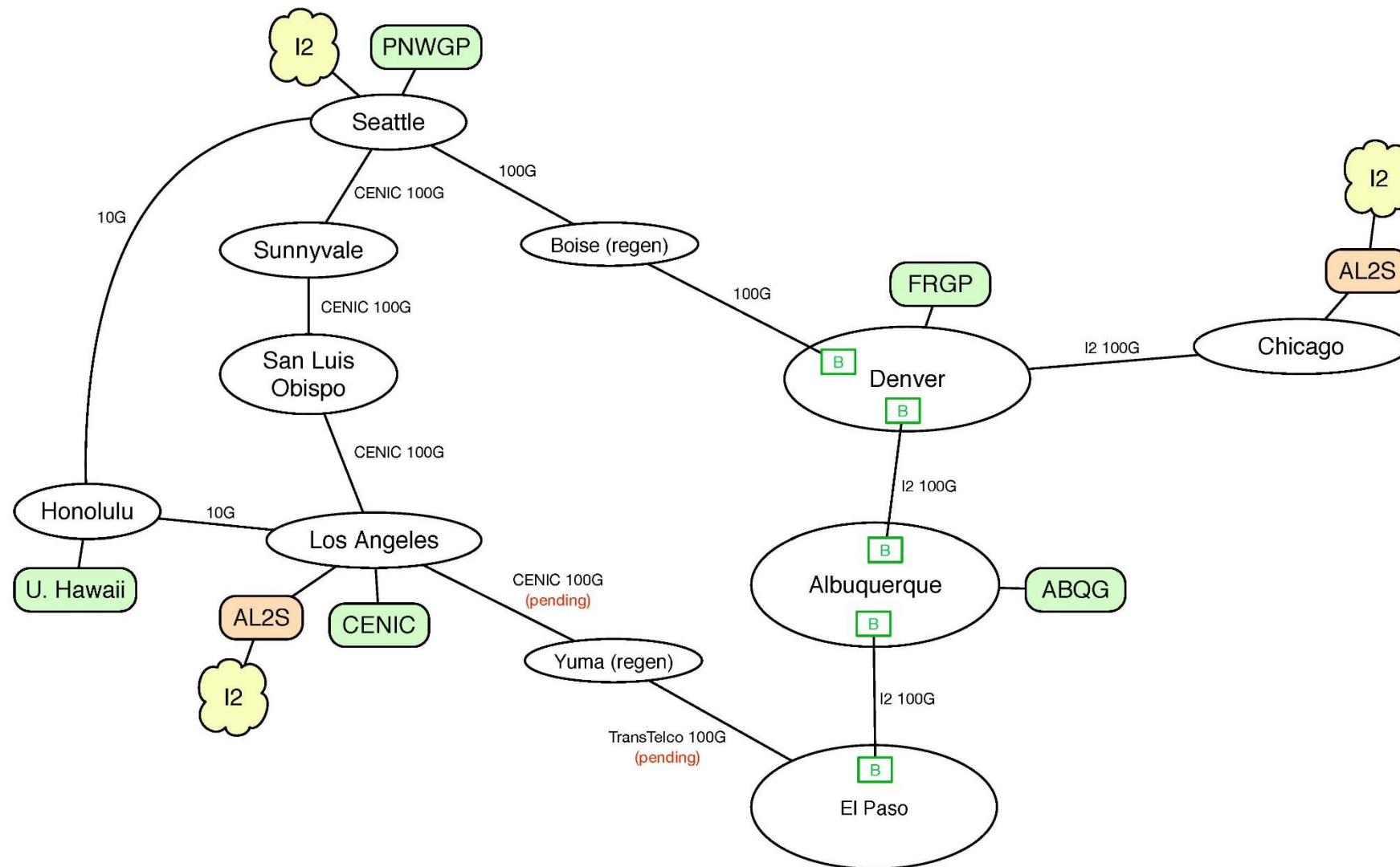


Outlines provided by: University of New Mexico, Clearing House Services, Earth Data Analysis Center
Edited by: University of New Mexico, Information Technologies, ABQG - July 2011

Research / National Connectivity

WRN 100G plan 2016-03-09 PJS

B = 100G Brocade switch



Opportunities

- Tribal Consortium Erate project
 - 2 projects, same entity
 - Brings Fiber to tribal lands
 - Terminates at 505 Marquette (ABQG)

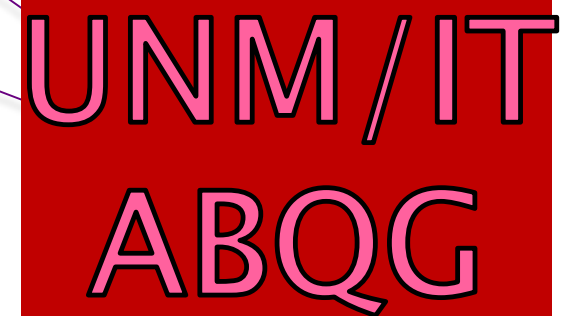
Tribal Consortium Projects

1. Middle Rio Grande E-rate Consortium **Awarded** Spring 2018

1. Pueblo de Cochiti Tribal Library
2. Santo Domingo Tribal Library
3. San Felipe Pueblo Community Library
4. Santa Ana Pueblo Community Library

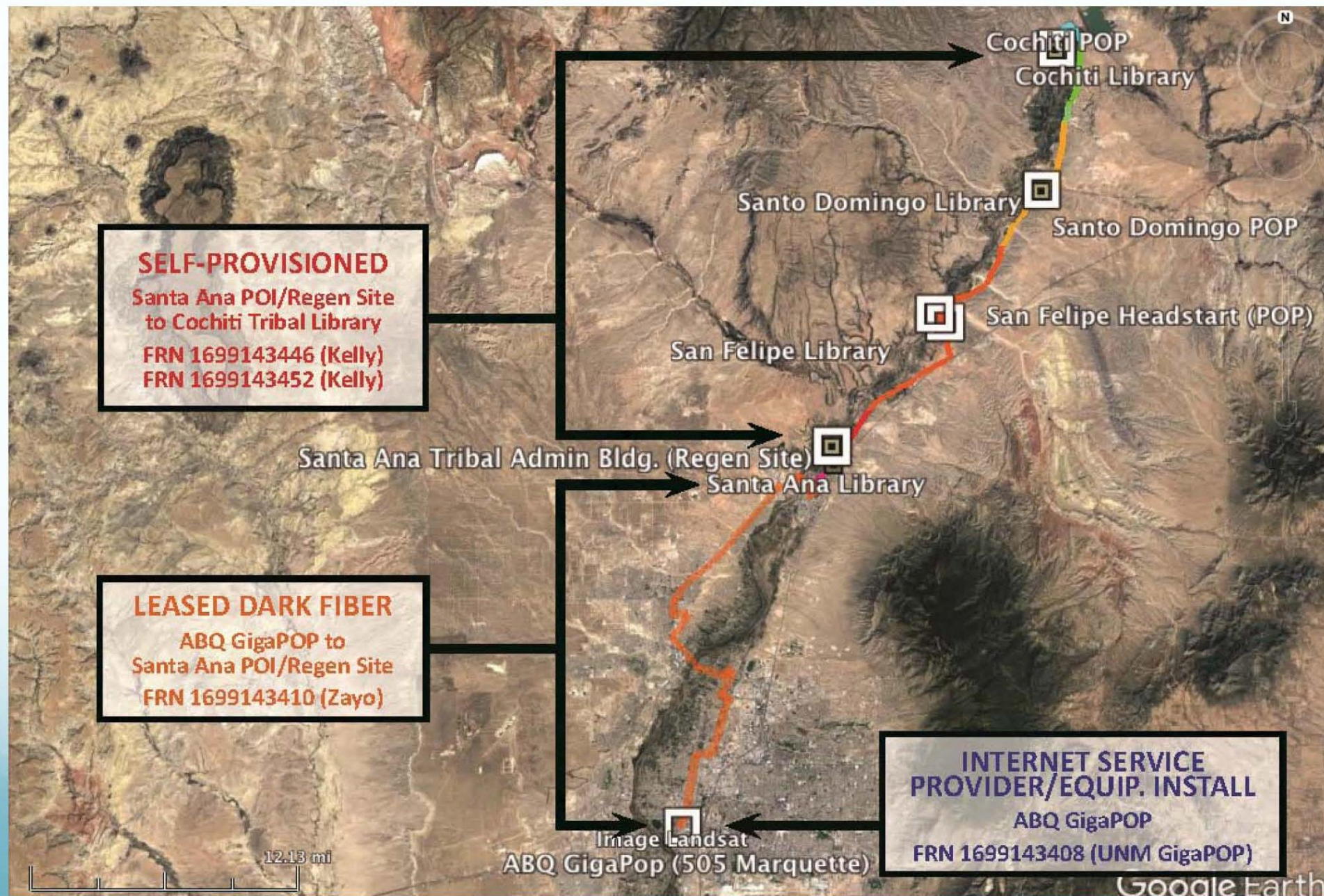
2. Jemez – Zia Pueblo E-rate Consortium Upcoming Fall 2018

1. Jemez Day School (BIE)
2. San Diego Riverside (NM Charter)
3. Walatowa High School (NM Charter)
4. Jemez Library
5. T'siya Day School Elementary School (BIE)
6. Zia Tribal Library



UNM/IT
ABQG

Fiber Build to Tribes



Research Activities

- Finished up our CC-IIE early 2017
 - Implemented Science DMZ Network
- Finishing up the NSF Regional Collaboration Grant
 - Partnered with NMSU
 - Focused on Regional Schools and Tribal Workshops

Q & A