

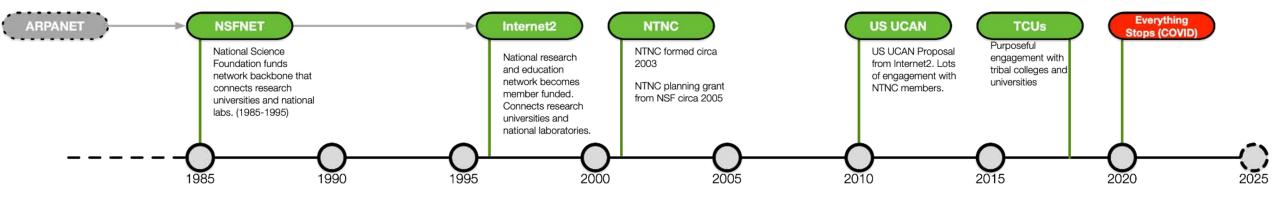


#### **HISTORY OF THE NTNC**

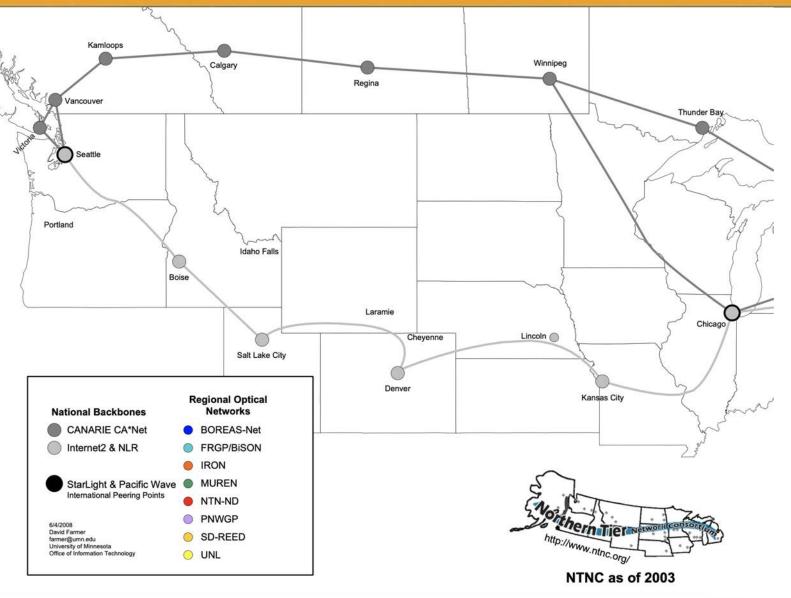
#### Internet2 Community Exchange

Marc Wallman, North Dakota State University Matt Riley, University of Illinois Chicago

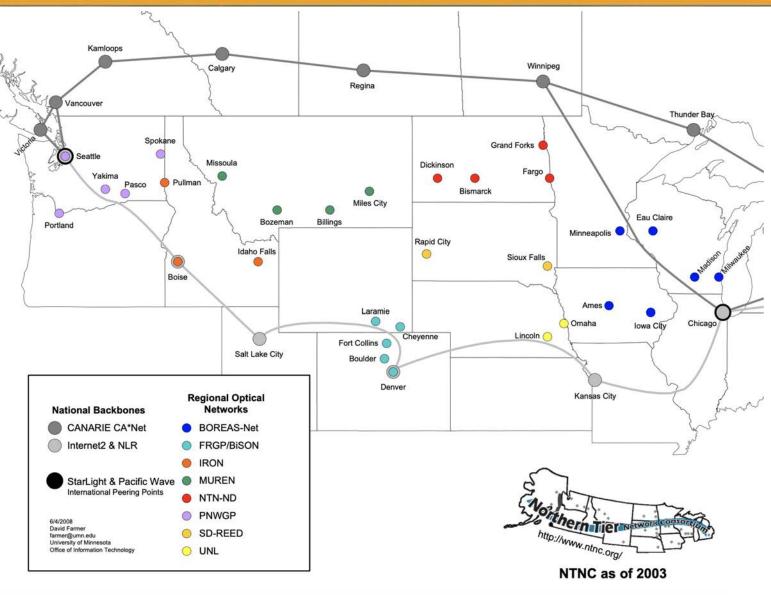




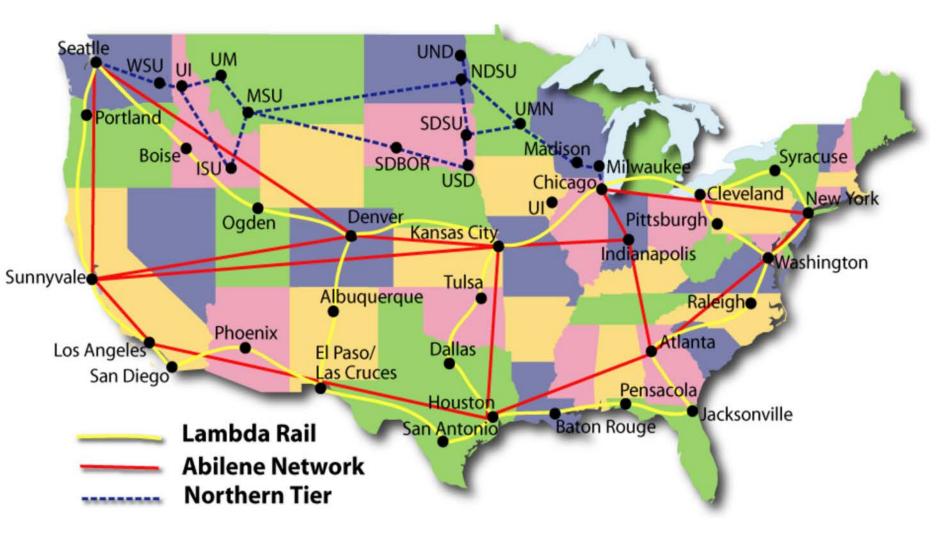




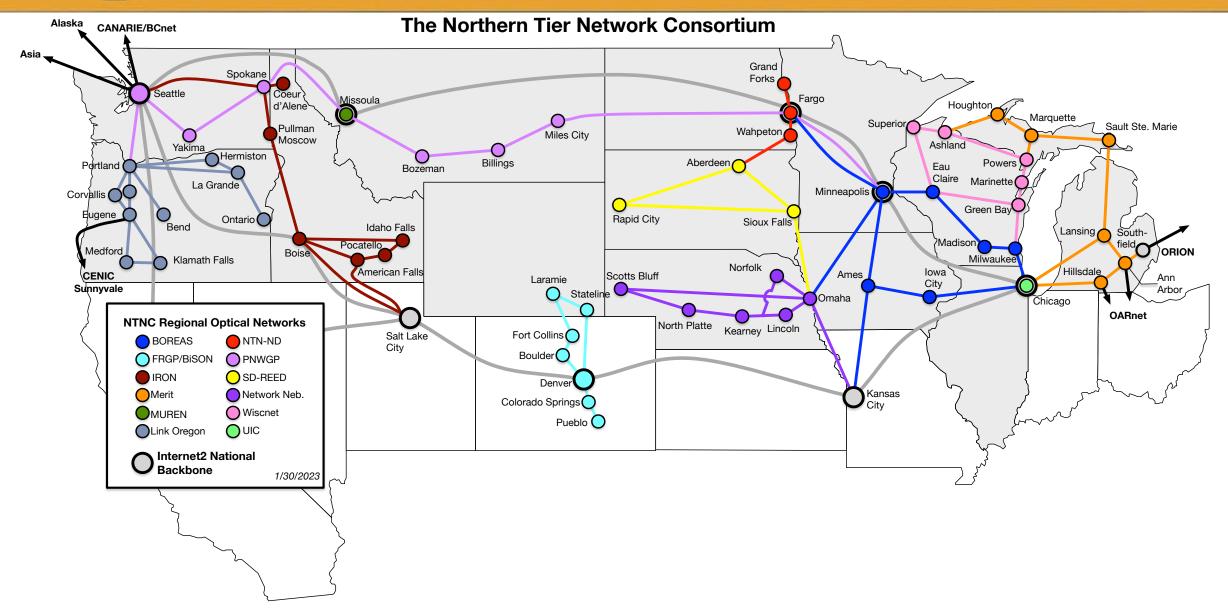


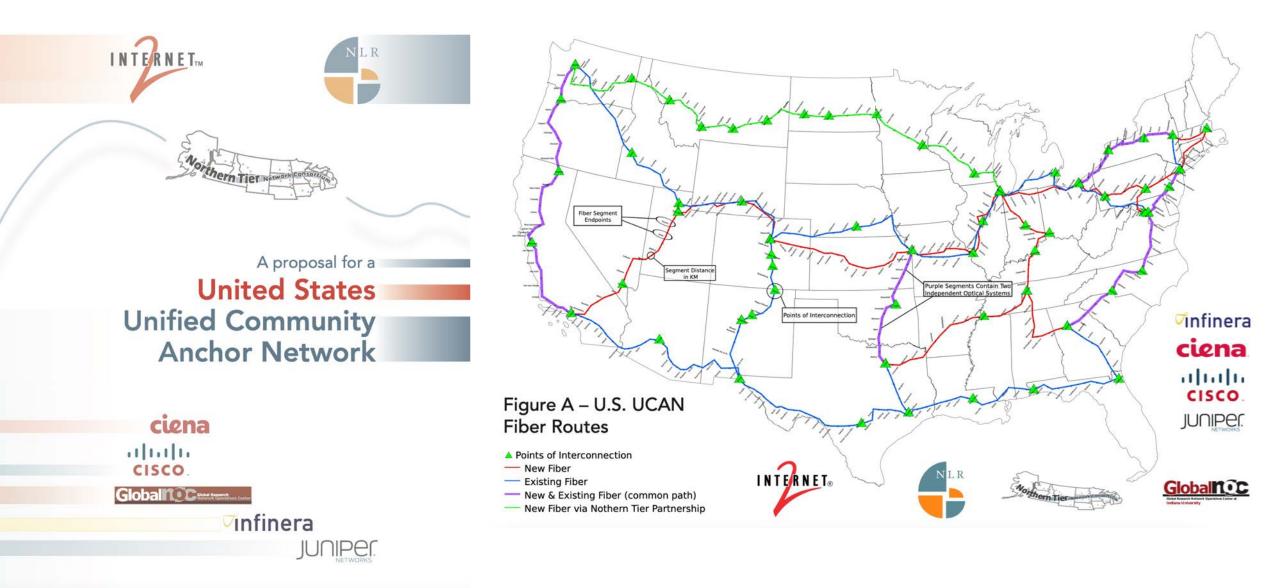


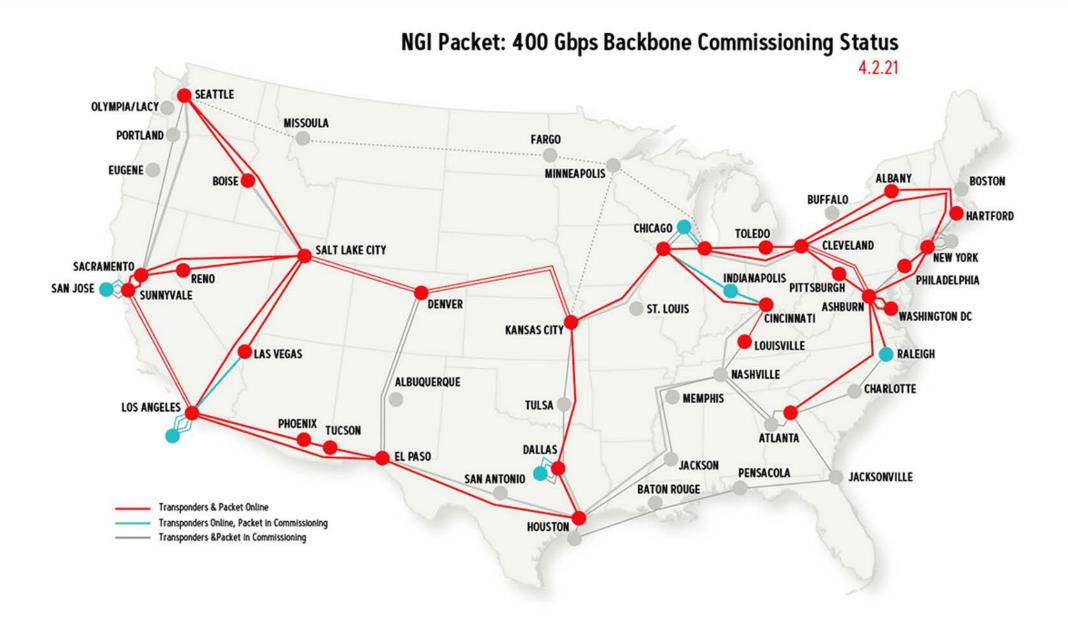
#### Future POPs shown in 2003 NTNC footprint

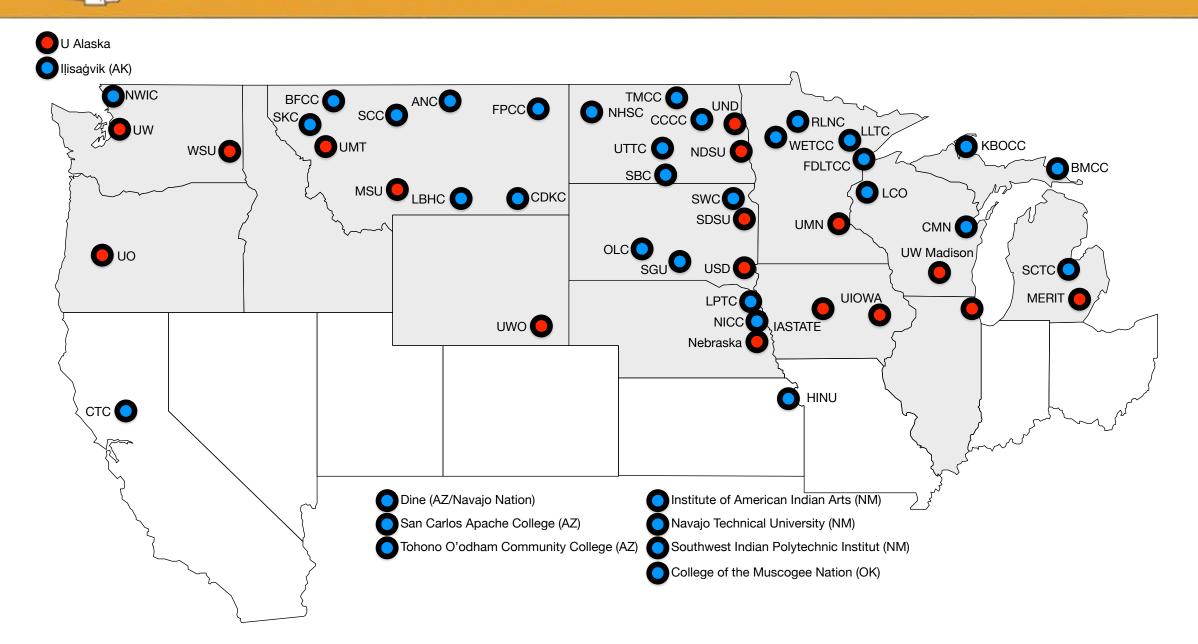


Northern Tier Network as imagined in March 2005 in a planning grant proposal to the NSF













### **GOLDEN SPIKE EVENT ... June 3-4, 2010 in Missoula, Montana**

Famously hosted by Ray Ford, University of Montana CIO <stuff>

# Northern Tier 2011-2016

Connectivity to Collaboration —>

2013 ... 'Grand Challenges', collaboration and 'three legged stool'

2014 - 2016 discussions

Collaboration momentum, state challenges





# **2017 - NTNC Strategic Planning / Move to Inclusion**

Previous year white paper for I2 stressed regional research opportunities, rural connectivity challenges and the need for owned infrastructure across the NT

SWOT analysis > NTNC's key strength of collaboration / desire for inclusion - Agreed to plan together with I2 and AIHEC, Special Working Group formed



AMERICAN INDIAN HIGHER EDUCATION CONSORTIUM



# NTNC 2018 - TCUs Join the Group

All TCUs (not just NTNC regional TCUs) invited to participate, share, network and plan together in the NTNC.

*Expanding the opportunities in 2023* 

- No member dues necessary
- Full participation in the NTNC







## **Beyond 2023 - What's Next for the NTNC**

Continued collaboration opportunities - TCUs and more

The network - already we have a new gap forming across the NTNC - I2's 400G network map shows the void in the NTNC again.

Owned infrastructure is an issue that will ultimately need to be addressed