

# Alluvion Communications

Bespoke networks engineered to exceed expectations  
from the ground to the cloud.





# David Ackerman

General Manager, Alluvion Communications

- My Background
  - Raised in a series of small towns in PA and NC
- My Telecom Journey
  - Began in IT and moved on to work in a NOC
  - Senior Engineer with nationwide carrier
- My Education
  - MBA, UofA - Eller
- Why Am I Here?
  - To share about Alluvion's success in connecting rural communities and our vision to connect tribal communities

# Background

Gila Local Exchange Carrier, Inc. (GLEC), DBA Alluvion Communications, is a provider of bespoke, fiber-based technology solutions throughout Central and Southern Arizona. Alluvion Communications is a provider of voice and data solutions for governmental organizations, educational institutions, and corporations. Our portfolio includes Internet access; Ethernet and PDNs; voice solutions, including HPBX and Cloud Call Center; and both dark and lit fiber options. We help our partners achieve greater business success by implementing the right solutions to meet their evolving needs.



# Background

We tailor solutions to our customers' needs by engaging the customer, identifying their specific need(s), then designing the solution(s) to fit. With a leadership team with more than 50 years of experience in the information technology industry, we offer proven network solutions that adhere to industry standards. We are dedicated to providing top-quality services delivered expeditiously to exceed expectations.

We believe connections are powerful. By connecting enterprises, hospitals, colleges, and cities to the world, we embolden the economy and fuel ambition. We accomplish this with a world-class network that is smart, fast, and reliable.



# Experience/Qualifications:

Alluvion provides services to a variety of different clients—from schools, the State of Arizona, cellular carriers, downstream internet providers, and enterprise customers both large and small (most recently including Nikola Motors). Alluvion Communications has a point of presence in Phoenix NAP, Phoenix Main, and Iron Mountain Phoenix, (and soon to be in CyrusOne Chandler) with peering arrangements with multiple Tier 1 carriers. Alluvion is an authorized CLEC in Arizona, with a CC&N order granted in 2007. Alluvion is on the state contract for Arizona (CTR049874) and also has a USAC SPIN, 143050914.

Last year, Alluvion was awarded Connect America Fund (CAF) funding to reach underserved areas in Arizona. Earlier this year, Alluvion also secured the ReConnect Grant, also to reach underserved areas in Arizona.

Alluvion partners with Gila River Telecommunications, Inc. and their 620 miles of copper facilities and 780 miles of fiber facilities today. Alluvion has doubled their own length of fiber to 154 miles in the past year.

# Our Services

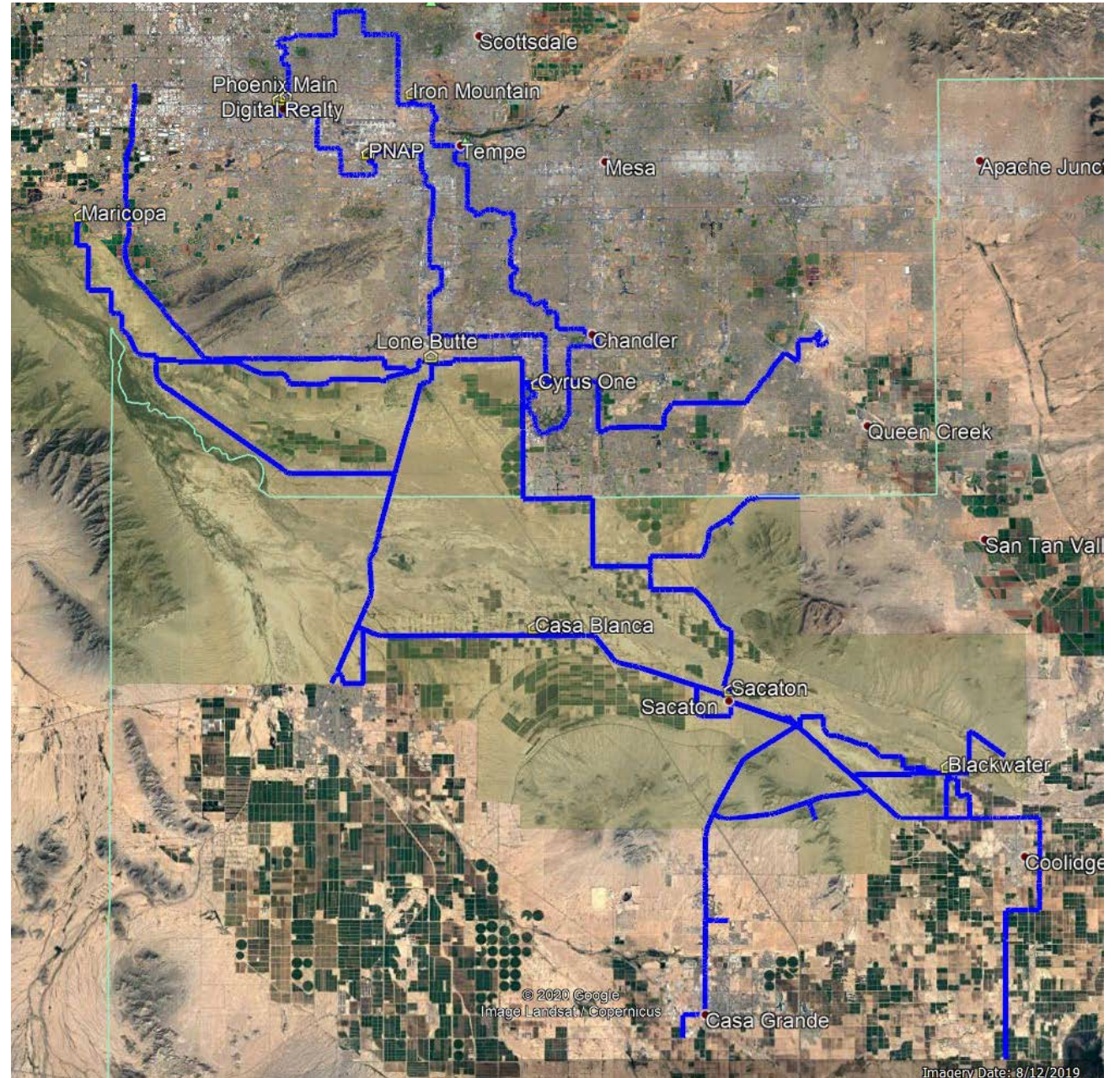


- DIA
- IP Transit
- Ethernet (MEF)
- Dark Fiber
- Hosted PBX
- 24/7/365 local NOC
- Network design, installation, and support
- Structured cabling
- Equipment sales, installation, and service
- Technology management
- Telecommunications integration



# Current Network/POPs

This image depicts the current Alluvion fiber route with POPs.







# On Net/Near Net

On Net – 3,263

Near Net – 5,073



# Vision

Alluvion's vision is to connect rural and tribal communities throughout the State of Arizona and beyond. Towards that goal, we are expanding to have fiber through Pinal County, toward Goodyear, and into Mesa. Because we are committed to fulfilling our mission of building and supporting robust networks and creating economic growth to the communities we serve, we provide fiber and communications networks in some of the most inaccessible and underserved regions of Arizona.



# Future Fiber Map

This image depicts our vision for the connections between Arizona's tribal lands. The tribal communities are shaded yellow and are connected by the red line, which indicates proposed Alluvion fiber routes.



# Highlights

- On Arizona state contract
- Is an authorized CLEC
- Has USAC SPIN
- Awarded CAF funding
- Awarded ReConnect Grant
- Doubled fiber route mileage in past year
- Provides Internet access, Ethernet, PDNs, HPBX, dark and lit fiber, network design/installation/support, equipment sales/installation/service, and more
- Has vision of uniting tribal communities
- Indatel member

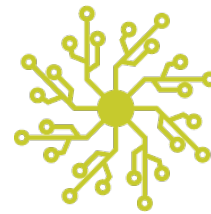




# Digital Connect Initiative

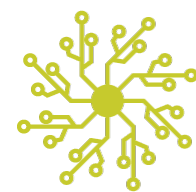
Alluvion is proud to be a part of the Digital Connect Initiative, a COLLABORATIVE WORK to help disenfranchised individuals and communities use digital communications technologies to CONNECT with each other, with creative expressions of language, history, and culture, and with greater vocational, economic, and social opportunities.

DCI connects disadvantaged communities and individuals with digital communications technologies and creates culturally-competent pathways to STEA<sup>4</sup>M careers in telecommunications and related fields.



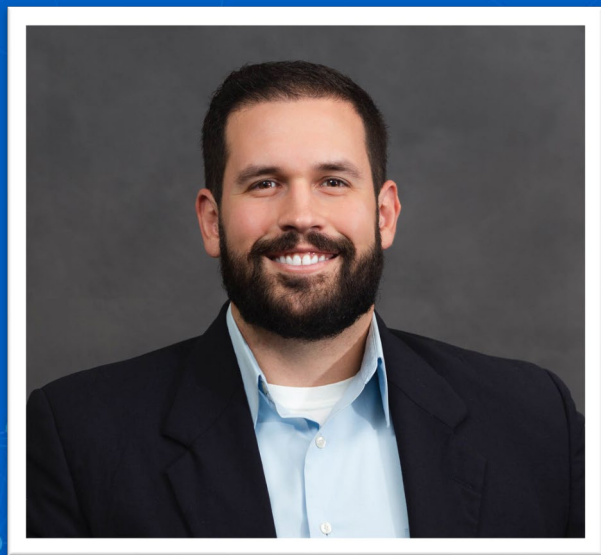
## Digital Connect

- Bridge the digital divide
- Digital Literacy
- Digital Heritage Preservation
- Telehealth/Telemedicine
- STEA4M
- Diversity in high tech industries



# Digital Connect





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