Greater Arizona Educational Leadership

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Arizona Broadband Stakeholder Network
Arizona Telecommunications and Information Council

Request For Funding

Arizona Broadband Stakeholder Network

Presented by:

⟩ **Greater Arizona Educational Leadership**

⟩ **Arizona Telecommunications and Information Council**

In cooperation with the:

⟩ Arizona Technology Council

⟩ Arizona Telemedicine Program

⟩ Arizona State Library, Archives and Public Records

⟩ Arizona Technology In Education Association

⟩ Broadband & technology providers

⟩ Many Others Pending

Contact

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GAZEL, the Greater Arizona Education Leadership organization, and ATIC, the Arizona Telecommunications and Information Council, are leading the development and coordination of the Arizona Broadband Stakeholder Network.

As I am sure you know, in today's Networked World **fast, *affordable and reliable*** broadband is essential to support community development and the health, public safety, welfare, educational advancement, and economic prosperity in Arizona communities. Unfortunately, many tribal, rural and other underserved communities in Arizona do not have fast, reliable and affordable broadband access. And many Arizona citizens still do not have the technology and skills to participate effectively in the *Networked World*.

The Stakeholder Network will provide Arizona public, private and nonprofit stakeholders opportunities to collaborate on initiatives and strategies to:

⟩ Accelerate deployment of affordable and reliable Broadband Internet access to communities throughout Arizona

⟩ Enable those communities to utilize those connections to: support 21st Century education, create jobs and support economic development; train a 21st century workforce; enhance public safety and health care and; connect their citizens to the world.

Greater Arizona Educational Leadership
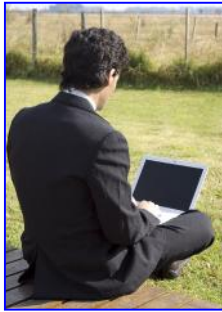
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Invest In Development of The Arizona Broadband Stakeholder Network

GAZEL, the Greater Arizona Education Leadership organization, and ATIC, the Arizona Telecommunications and Information Council, are leading the development and coordination of the Arizona Broadband Stakeholder Network.

We are looking for seed funding to support the development of the **Stakeholder Network.** While $1,000 or $500 will be greatly appreciated, we ask that you consider a $2000 - $10,000 investment. **I want to emphasize that this is a statewide initiative.**

As an investor you will have the opportunity to tell your story, showcase your organization, and connect with public and private stakeholders representing economic development, education, government, health services, public safety, libraries, telecom and technology companies, and more who will be participating in the Network.

Your support will provide seed funding that will enable GAZEL and ATIC to: lead the development and coordination of the Arizona Broadband Stakeholder Network, and the planning, coordination and promotion of our events. This includes: facilitating the development of the Leadership Team; securing sponsors; web site development for the Network and events; program planning, coordinating facilities and logistics for events; email marketing; recruitment of government and nonprofit partners for the Network; sending sponsor invoices and managing finances; database development; and more.

Sponsor Benefits

Depending upon your level of sponsorship we will:

- ➢ Display your logo on the Network and Network event web sites, with a link to your web site
- ➢ Acknowledge your sponsorship at the Network events
- ➢ Include your company logo in Network newsletters and event email announcements

Thanks for considering this request!

We will appreciate your support for the Network. I will be in touch soon. In the meantime, this letter includes, background information and additional details. Please call us, email us, or see our Web Site at www. arizonatele.org. for more information.

Steve Peters, Coordinator, Broadband Stakeholder Network
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Read On to Learn More About How The
Network will Benefit Arizona Communities

www.arizonatele.org www.gazel.org

Living in a Networked World

Wired or wireless, with the proliferation of the Internet, mobile phones, communication devices, and wireless networks we are rapidly moving from a world of simple voice communication and isolated desktop computing to an interconnected world of networked communities and anytime/anywhere connectedness where everyone and everything is connected. The Network will operate everywhere, connecting people and devices seamlessly. -
Computer Systems Policy Project

The Challenge For Arizona – Broadband Is Critical Infrastructure

Like water, roads and electricity, in today's Networked World **fast, *affordable and reliable*** broadband is a critical infrastructure for community development and the health, safety, welfare, educational advancement, and economic prosperity in Arizona communities. Unfortunately, many tribal, rural and other underserved communities in Arizona do not have fast, reliable and affordable broadband access. And many Arizona citizens still do not have the technology and skills to participate effectively in the *Networked World*.

Enter the Stakeholder Network and Roundtables

There are a number of individuals and organizations engaged in initiatives to promote the expansion of broadband deployment in Arizona. The Stakeholder Network will provide these Arizona public, private and nonprofit stakeholders opportunities to collaborate on initiatives and strategies to:

⟩ Accelerate deployment of affordable and reliable Broadband Internet access to communities throughout Arizona

⟩ Enable those communities to utilize those connections to: support 21st Century education, create jobs and support economic development; train a 21st century workforce; enhance public safety and health care and; connect their citizens to the world.

On May 28, 2019 the Network convened the first of a series of Stakeholder Roundtables. Over 90 public, private and nonprofit stakeholders registered to attend the Roundtable representing economic development, education, local and state government, health services, public safety, libraries, telecommunications and technology companies, and more.

The Network and Roundtables will provide opportunities for stakeholders to come together to build a constituency and enable collaboration, coordination, information sharing and communication. They will learn something new, share what they know, make connections with other collaborators, find resources and help for their initiatives, and hear about and provide updates on state and local initiatives in Arizona.

The Network may lead to collaborative projects, development of joint grant applications, sharing of funding opportunities and other resources, aggregation of demand at the state and local level, policy discussions and recommendations, etc.

Participation in the Network and the Roundtable will be open to all Stakeholder groups and may include: Councils of Government; The Arizona Rural Development Council; The Arizona Commerce Authority; Regional Economic Development Organizations; State and Local Libraries; State and local government entities; Community Broadband Planning Councils; Telemedicine; Public safety; K-12 education, Universities and Community Colleges; Nonprofit organizations; and Technology and telecom providers

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While the Network may review and comment on proposed policies, and complement other Arizona Broadband planning initiatives, initially it will not have any formal policy making authority. Network Activities

The Network activities may include:

➢ Periodic Roundtables - live and online. May include: featured presentations; updates and information sharing; project and/or vendor showcase; informal networking

➢ An ATIC web page or other collaboration site, and maybe a blog, Facebook Page etc. May include: a calendar of events related to broadband planning initiatives; summaries of state level broadband planning initiatives and entities

➢ Discussion of telecom policy issues

➢ Online Community

➢ Webinars,

➢ Annual Summit

➢ Others to be determined

See Tentative 2019-2020 Initiatives below

Coordination and Cooperation

The Arizona Broadband Stakeholder Network will coordinate with, complement and support other initiatives such as:

➢ Arizona State Broadband Director

➢ Arizona Statewide Broadband Strategic Plan

➢ Arizona Broadband for Education Initiative

➢ Greater Arizona Educational Leadership's Arizona Innovative Learning Collaborative

➢ Arizona Telemedicine Program

➢ Sun Corridor Network

➢ Arizona Department of Administration's AZ First Net First Responder Network

➢ Arizona State Library Archives and Public Records Library eRate Support

➢ Local community initiatives

Network Leadership

GAZEL and ATIC are leading the development and coordination of the Stakeholder Network. A Leadership Team has been created to set the agenda and guide development of the Network. The Leadership Team includes executives from:

➢ ATIC

➢ GAZEL

➢ Arizona Telemedicine Program

➢ Arizona Technology In Education Association

➢ Arizona Department of Administration's AZ First Net First Responder Network

➢ International Research Center

➢ Arizona State Library Archives and Public Records

➢ SACCNet -State of Arizona Counties Communication Network

➢ Local communities

➢ Broadband Service/Infrastructure Providers

➢ Others with expertise on broadband planning, services and applications in Arizona

Draft 2019/2020 Plan

Some **possible** AZBSN initiatives for 2019-2020. For discussion by AZBSN Leadership Team and ATIC and GAZEL Boards

Admin and Communication

➢ The ATIC website (s) that would provide:
  ⟩ Access to information about strategies and resources for planning and deployment of broadband including an overview/summaries of all state level broadband planning initiatives, entities and contacts
  ⟩ A calendar of events related to broadband planning and related initiatives
➢ Periodic communication to stakeholders
  ⟩ Newsletter/email blast to stakeholders
  ⟩ Blog and/or social networking such as LinkedIn, Facebook, etc
➢ A collaboration platform such as Ryver
➢ An integrated GAZEL/ATIC CRM/database of key leaders and interested parties representing stakeholder groups
➢ An integrated GAZEL/ATIC email communication platform such as Mail Chimp
➢ Collateral material such as flyers

2019

➢ Coordination of 2 statewide in person Stakeholder Roundtables, with webinar/audio, web and video conferencing available. These Roundtables may include: One or two featured presentations at each meeting; updates and information sharing; Project/vendor showcase; Informal networking
➢ Monthly Webinars (except months with Roundtables) May include networking, webinars and Ignite presentations
➢ Discussion of telecom policy issues
➢ Exhibits at education, technology, government, healthcare, economic development conferences and events

2020

- Quarterly statewide in person Stakeholder Roundtables, with webinar/audio, web and video conferencing available. These Roundtables may include: One or two featured presentations at each meeting; updates and information sharing; Project/vendor showcase; Informal networking
- Annual Broadband Stakeholder Summit/Conference
- Monthly Webinars (maybe networking, webinars and Ignite presentations)
- Periodic Regional Roundtables/Workshops in person with webinar/audio, web and video conferencing available
- Discussion of telecom policy issues
- Anchor Institution coordination and support
- Exhibits at education, technology, government, healthcare, economic development conferences and events
- Local or regional Workshops/Roundtables. Workshop content **may** include information and examples/best practices such as:
  - How broadband can support education, economic development, health care, and community services. Emphasis on economic development
  - Regional planning and development of regional task forces/teams Rights-of-way. Models of community rights-of-way policies that will expedite and reduce costs in the permitting process. Local communities need to develop policies that reduce costs, remove barriers and expedite deployment
  - Federal, state and local resources and funding opportunities

May 28, 2019 Roundtable

On May 28, 2019 the Network convened the first of a series Stakeholder Roundables in Tempe Arizona.

➢ 2:00 – 5:00 pm: Roundtable Registration, Networking, and Program
➢ 5:00 – 6:00 PM AfterHours Reception & Expo

The Roundtable was presented live and online and included:

➢ Featured presentations
➢ Updates and information sharing
➢ Project/vendor showcase
➢ Networking
➢ Discussion of telecom policy issues

Who Attended?

Over 90 public, private and nonprofit stakeholders registered to attend the Roundtable representing economic development, education, local and state government, health services, public safety, libraries, telecommunications and technology companies, and more.

Agenda Featured

➢ Networking, Exhibits, Reception
➢ Keynote Video: A Vision for the Future of Broadband for Arizona: Featuring Tom Wheeler, former Chairman of the Federal Communications Commission, who spoke about providing equitable, affordable, and reliable broadband to all communities in the state
➢ Congressional Broadband Legislation Update: Video Conference with John Windhausen, Executive Director of SHLB, Schools, Health & Libraries Broadband (SHLB) Coalition
➢ Dialog with Jeff Sobotka, Vice President and State Broadband Director, Arizona Commerce Authority: Jeff provided an update of his vision and plans for broadband development in Arizona
➢ State Of Arizona Broadband Initiatives: Presentations and discussions on several major Arizona initiatives: Karen Ziegler, Project Manager, AZ FirstNet First Responder Network, and Arizona 911, State of Arizona Department of Administration; John Lucas, Project Director, SACCNet, State of Arizona Counties Communication Network; Michael Sherman, Executive Director, Sun Corridor Research and Education Network

- ➢ Arizona Broadband for Education Initiative bringing millions of dollars to connect Arizona schools and libraries: Panel included Mala Muralidaharan, Erate Administrator for Public Libraries, AZ State Library Archives and Public Records and Josh Chisom, Education Superhighway E-rate Specialist Program Manager
- ➢ "Enlighten Us, But Make It Quick": Using the Ignite Presentation Model a couple of Broadband stakeholders resented a quick overview of their Broadband initiatives: Mark Goldstein, President, International Research Center - Emerging Broadband Capabilities & Apps and; Nicole Umayam, Digital Inclusion Librarian, Arizona State Library Archives and Public Records, - Broadband applications and issues within public libraries. With Ignite Presentations speakers have **no more than 5 minutes**, and **must use 20 slides with each slide advancing automatically after 15 seconds**, forcing them to get the point, fast.

Network Leadership Organizations

Arizona Telecommunications and Information Council

The Arizona Telecommunications and Information Council (ATIC) is a non-profit organization that provides expertise to effectively guide telecommunications and digital technology policy development and deployment in the state of Arizona.

ATIC engages in, promotes, and supports initiatives and guides adoption of effective public policies that will enable the development of a statewide Technology Infrastructure to bridge the Digital Divide and support Arizona's educational, economic and community development.

ATIC's public and private partners include large and small businesses, economic development organizations, libraries, consumer organizations, local and state government agencies, educational institutions, health care, the Arizona Corporation Commission, the Arizona legislature, and information technology and telecommunications companies.

ATIC's vision is that all of Arizona's citizens, businesses, schools, organizations and communities will have access to high capacity Internet and the tools, technologies and skills to participate effectively in the networked world.

Greater Arizona Educational Leadership

GAZEL is leading the development of the Arizona Innovative Learning Collaborative. The Collaborative will be promoting and supporting adoption of innovative ideas and new technologies that will transform teaching and learning and enable a new generation of education and workforce development solutions in Arizona.

Just some of the innovative learning ideas and technologies include blended learning, digital curriculum, innovative learning spaces, mobile learning, individualized self-paced learning, competency and outcome-based education, flipped classrooms, adaptive learning models, Innovation Labs and Makerspaces, 3D printing, coding, project-based learning, robotics, game-based learning and virtual lab experiences, and more.

The collaborative will include libraries, K-12 education, charter schools, public and private colleges and universities, community colleges, and nonprofit community schools. You may also find interested people from the business community, elected officials, government agencies, nonprofit organizations, Innovative Learning and related enterprises, economic development organizations, education advocates, parents, homeschoolers, students, and technology and innovative learning nonprofit organizations; pretty much anyone who cares about the future of education in Arizona and wants to collaborate with education innovators and help *Create a Culture of Education Innovation* that will promote and support adoption of innovative ideas and new technologies in Arizona.

The Collaborative will be creating Teams/Communities of Interest to network, share ideas and resources, exchange best practices, pursue joint funding opportunities, develop mutual professional development strategies, pursue and share research opportunities and cooperate in other initiatives that will support adoption of innovative strategies and technologies.

Our priorities for 2019-2020 include: Virtual Online Laboratories for STEM Education (Labster); Generation Yes Computer Science and IT Training programs; Collaborative Professional Development; Innovative Learning Conference: Disruptive Innovative Learning: Strategic Planning for Innovation, Technology and Collaboration; Open Education Resources Network; Innovation Labs/Makerspaces Network; State and Local Innovative Learning Plans; Arizona Broadband Stakeholder Network and; Federal Reserve Community Reinvestment Act Digital Equity/Digital Divide funding opportunities

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