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ATIC Board Meeting

Agenda for October 11, 2017

1. Administrative
   1.1. Self-Introductions
   1.2. Modifications to and Acceptance of Agenda Draft
   1.3. Acceptance of Minutes from September 13, 2017 meeting
   1.4. Treasurer's Report
   1.5. ATIC Board Membership Considerations
      1.5.1. Nominations and Election of Board Members
      1.5.2. Nominations and Election of Officers
   1.6. Review of Outstanding Action Items as Documented in September Minutes

2. Informational Presentations
   2.1. Mark Goldstein, International Research Center -
      Arizona Technology Council's State Broadband Policy Positions for 2018

3. Activity Reports
   3.1. Rural Community Outreach (Henry Goldberg/Bill Bolin/Galen Updike)
   3.2. K12/GAZEL (Steve Peters, Cathy Poplin)
   3.3. Library (Holly/Mala)
   3.4. Telehealth (Janet Major)
   3.5. Government Affairs (Mike Keeling)
   3.6. ATI Institute (Oris Friesen)

4. Information and Action Plans
   4.1. Discussion of ATIC Partnership & Business Model Working Groups (Oris Friesen, Henry Goldberg & Mark Goldstein)
   4.2. New Business and Motion Considerations (All)

5. Events Attended and Upcoming Meetings

6. Announcements

7. Adjourn

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ATIC Board Meeting

October 11, 2017

Remote Connect Instructions

- **PC or MAC:** For audio, video and web conference on **PC or Mac**
  https://gazel.zoom.us/j/753706980

- **IOS:** For audio, video and web conference on **iPhone, iPad, iPod touch**: **Install App**: Apple Store -"zoom".
  Enter meeting ID 753 706 980.

- **Android:** Audio, video and web conference on **Android**: **Install App:** Google Play - "zoom"
  Enter meeting ID 753 706 980.

- **Video and web conference on computer and audio by telephone:** https://gazel.zoom.us/j/753706980**.**

- **For Audio by Phone During Zoom Session or Standalone Telephone Connection:** Dial **(415) 762-9988.** Enter meeting **ID 753 706 980**. You will be prompted to enter your unique participant ID - Press # to skip

ATIC Board Meeting Minutes for September 13, 2017 (Draft)

On-Site Attendees:

ATIC Board Members: Michael Cohen, Jerry Crow, Oris Friesen, Henry Goldberg, Mark Goldstein, Holly Henley, Mike Keeling, Ron Schott, Mike Whipple

ATIC Associates & Guests: Michael Britt, Tim Colman, Mala Muralidharan, Curtis Pulford, Mary Villegas

Remote Attendees:

ATIC Board Members: Janet Major, Jay Schlum, Jeff Sobotka

ATIC Associates & Guests: Kirk Busch, Bonnie Maney, Marisa Walker, Karen Ziegler

Quorum Met with 12 ATIC Board Members Present (Quorum = 9)

Many thanks to Zoom Video for video conferencing capabilities and to the Arizona State Libraries for providing meeting facilities, technical support, and hospitality.

The next ATIC Board Meeting will be on Wednesday, November 8th, 2017 from 12:00-2:00 PM on the 2nd floor in the Historic Supreme Court Chamber of the Arizona State Library, 1700 W. Washington St., Phoenix AZ 85007.

A schedule of the ATIC Board and Public Meetings through 2018 can be found at the end of these minutes.

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ATIC Board Meeting

Agenda for September 13, 2017

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   2.1. Curt Pulford, Arizona State Cartographer -
      AZGEO Mapping Portal Overview and Broadband Data Capabilities

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   3.2. K12/GAZEL (Steve Peters)
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   3.5. Government Affairs (Mike Keeling)
   3.6. ATI Institute (Oris Friesen)

4. Information and Action Plans
   4.1. Discussion of ATIC Partnership & Business Model Working Groups - Oris, Henry & Mark
   4.2. New Business and Motion Considerations

5. Events Attended and Upcoming Meetings

6. Announcements

7. Adjourn

1. Administrative

1.1. Self-Introductions

See the list of attendees above.

1.2. Modifications to and Acceptance of Agenda

MOTION: To accept the Agenda as submitted.
MOVE: Ron Schott
SECOND: Mike Keeling
Passed Unanimously

1.3. Acceptance of Minutes from Last Meeting

MOTION: To accept the Minutes of the September 13, 2017 Board Meeting.
MOVE: Mike Keeling
SECOND: Ron Schott
Passed Unanimously

1.4. Treasurer's Report

Ron Schott, Treasurer reported that current funds on hand as of 9/11/17 total approximately $26,540. Ron circulated Desert Schools Bank reports with account and transaction details for Board reference which are included at the back of these Minutes. Our nominal run rate for necessary expenses is approximately $5-6K per year. Steve Peters has obtained a refund of several months of MadMimi fees and put the account on hold. Ron expects to file soon with the ACC for our new officers.

1.5. ATIC Board Membership

MOTION: To elect Cathy Poplin of AZTEA to ATIC Board representing K-12 education and replacing Chris Johnson in this role
MOVE: Mike Keeling
SECOND: Ron Schott
Passed Unanimously

Over the last two years we have had six Board members step down, Michele Norin and Michael Stull due to job relocation, as well as David Daniels, John Lucas, Ralph Gierish, and Robert Backie for personal reasons. Over the same period Cathy Poplin, Matt Dostal, Jay Schlum, and Bobby Davis of Payson have been elected to the Board. We continue to need to expand participation with direct State of Arizona representation, as well as focus on rural and native stakeholder representation especially from the economic development community, and representatives from municipal, county, and higher ed CIOs going forward.

Mala Muralidharan, Arizona State Library E-Rate State Coordinator, has been asked to consider joining the ATIC Board by the Executive Committee. She would complement Holly Henley, Arizona State Librarian already on the Board with her focus on K-12 and libraries e-rate opportunities. Henry will contact Holly to get her input on this prospect.

Marisa Walker of the Arizona Commerce Authority has been an active participant presenting to ATIC in the past and attending Board meetings recently. The Executive Committee has asked her to consider joining the ATIC Board. She will confer with ACA principals, duly consider, and get back to us.

Karen Ziegler, State of Arizona FirstNet Project Manager has been the primary impetus for the State's current broadband planning process and actively engaged with ATIC this year. She will confer with Matt Hanson, Statewide Grant Administrator at the Arizona Office of Grants and Federal Resources, duly consider, and get back to us.

John Lucas, former CIO of Graham County and SACCNet visionary has recently retired from government service and established his own technology consulting firm. He was a long-standing ATIC Board member who stepped down several years back. The Executive Committee has been in discussions with John about participating in ATIC regularly, coming onto the Board, and considering a leadership role over time. He seems willing to do so, but is involved in several significant transitions over the next few months. We expect John to become a more visible participant and contributor in the new year.

Michael Britt of Copper Dome Consulting and former State of Arizona FirstNet Manager attended the September 13ᵗʰ Board Meeting. Mike Keeling nominated him to be Secretary, but Michael Britt declined. However, Mark has since spoken with Michael and believes he will begin participating regularly going forward.

Satish Pattisapu has replaced Mark Masterson as the CIO of the Arizona Department of Education and thus manages much of Arizona's K-12 IT deployment and integration. Milan Eaton works for Satish as ADE's K-12 E-Rate Coordinator and partners with Mala at Arizona State Library to drive Arizona e-rate utilization and impact. Mala recently engaged Satish on behalf of ATIC, he's been added to our Associates contact list, and we hope to see him get involved going forward.

Jeff Sobotka has changed employment from AT&T to T-Mobile and remained on the ATIC Board representing T-Mobile and leaving AT&T without a Board presence for the first time since our foundation. A few months back Mark Goldstein encouraged Jerry Fuentes of AT&T to provide a new AT&T representative. Mark will now follow up and reengage.

1.5.1. Nominations and Election of Officers

Craig Stevenson resigned as ATIC Vice Chair, but will remain serving on the Board. Henry Goldberg was nominated and elected to be Vice Chair for the balance of the annual officer cycle (until April 2018).

MOTION: To elect Henry Goldberg as ATIC Vice Chair
MOVE: Oris Friesen
SECOND: Mark Goldstein
Passed Unanimously

Mark Goldstein stepped down as Secretary as of April 12, 2017, but remains on the Board and continues to perform the Secretary's duties on a pro tem basis. Mike Keeling nominated Michael Britt, Copper Dome Consulting to be Secretary, but he declined. No other nominations for Secretary were put forward at this meeting, so the office remains unfilled.

Brenda Beall, ATIC Chair has been unable to serve in that capacity for much of the year due to her now living in New York and some health challenges. We send our thoughts and prayers for her health and wellness.

1.6. Review of Outstanding Action Items as Documented in September 13, 2017 Minutes.

None.

2. Informational Presentations

2.1 Curtis Pulford, Arizona State Cartographer - AZGEO Mapping Portal Overview and Broadband Data Capabilities

Curtis Pulford, Arizona State Cartographer was accompanied by Tim Colman of the Arizona State Land Department (ASLD) and gave a presentation with an overview of the AZGEO Clearinghouse (https://azgeo.az.gov/azgeo/), an Arizona Geographic Information Council (AGIC, https://gis.azgeo.az.gov/agic/) initiative and its Broadband Data Capabilities. The AZ BAP project originally funded development by ASU's Institute for Social Science Research (ISSR) to provide a refreshed State Broadband Map platform. It was subsequently repurposed to the AZGEO portal as the new general purpose interface for the Arizona GIS community.

Arizona remains on of a handful of states still maintaining a public broadband map and keeping it up to date with FCC biannual releases of Form 477 wirelines (census block) and wireless (shape file) broadband coverage. This remains especially important as the national FCC broadband map has not been refreshed in several years.

Accounts are available to all at no charge with a simple registration process. AZGEO currently supports some 3600 unique users providing 795 open and 327 contributed geospatial data sets as well as 32 secure user groups that have their own additional confidential data sets and capabilities. AZGEO tracks changes to uploaded data and notifies authorized users when updated. The visual interface allows users to select various tools, perspectives, and data sets, querying and filtering to produce to create online maps that can be annotated and drawn upon as well as readily exported/published in various visual or data forms. External data from KMZ/KML sources can be linked to and incorporated as well as data contained in spreadsheets and databases with some preparation.

Karen Ziegler, Arizona FirstNet Project Manager is the designated administrator for a State broadband data user group that aggregates and secures confidential broadband provider fiber maps and other broadband infrastructure for use in State broadband strategic planning.

Besides ATIC's role in identifying the availability of updated FCC data and facilitating its access and integration, there was discussion of possible roles publicizing the AZGEO capabilities and role in economic development planning, in providing public training to various stakeholders, developing user documentation, providing assistance or mapping services to

select requestors, and identifying, characterizing, and making available additional public data sets that might be readily incorporated. Curtis' slides will be distributed for reference.

3. **Activity Reports**

   3.1 Rural Community Outreach (Bill Bolin/Galen Updike/Henry Goldberg)

   The Arizona Department of Administration (ADOA) and other executive branch departments held their Arizona Statewide Broadband Planning event on June 29, 2017 at ASU SkySong. There were about 150 in attendance including a number of ATIC Board members and high-level industry executives. The stated vision is "Through a collaborative partnership with private industry, provide affordable high-speed broadband to every citizen of Arizona."

   Mission Critical Partners (http://www.mcp911.com/) of Texas has been engaged to facilitate the process. ADOA has requested that broadband providers submit fiber infrastructure maps for use in middle mile gap analysis and strategic planning. ATIC's contributions to the Digital Arizona Council's Broadband Strategic Plan in the 2011-2013 timeframe have been repeatedly acknowledged and the draft plan in its various forms is being leveraged to inform and direct today's strategic planning initiatives.

   Karen Ziegler, Arizona FirstNet Project Manager was unable to attend the meeting, however Bonnie Maney of Mission Critical Partners reported on Arizona broadband strategic planning activities. One rural broadband forum was recently held (Payson) and four more are planned for the near future (Northern Arizona in Prescott 10/11/17, South Eastern Arizona in Douglas 10/13/17, Western Arizona in Kingman on 10/16/17 and Parker on 10/17/17). The findings will be summarized and a report issued later this year. Not many broadband providers have yet submitted their Arizona fiber infrastructure maps to date, but efforts continue to enlist their participation.

   The ACC AUSF $8M allocation and the $3 million budgeted by the Legislature to leverage the FCC e-rate broadband infrastructure for rural K-12 schools and libraries opportunity was discussed and significant advance work is underway to optimize participation in the next e-rate cycle with an emphasis on consortia efforts and county-wide RFPs where practical.

   John Kelly, ATIC Board Member and ATI Institute Chair was tasked with contacting Jim Simms to get an update on his activities working with Juniper Networks and Fujitsu to emulate the Kentucky Wired program in Arizona.

   3.2 K12/GAZeL Education Report (Steve Peters/Cathy Poplin)

   GAZeL continues with monthly Phoenix-Tucson-remote networking events scheduled at a variety of interesting technology firm facilities. Oris reported on the GAZEL makerspace meetings in Chandler & Tucson.

   Steve has engaged Brian Krupski (bkrupski@aztechcouncil.org) who facilitates the Arizona Technology Council's Additive Manufacturing Committee, which serves as a forum for local participants in the additive manufacturing (AM) community to educate, collaborate and promote the technology.

GAZeL is planning a conference on disruptive learning in the February 2018 timeframe at a Tucson venue TBD including a planning exercise for schools and district implementation and a closing reception. More details to follow. GAZeL has undertaken strategic planning for a statewide Innovative Learning Conference in the fall. A possible second conference would be focused on Augmented Reality (AR) and Virtual Reality (VR) in conjunction with Labster (https://www.labster.com/). Pima Community College has received a $100K grant for a demonstration project utilizing Open Education Resources (OER).

3.3 State Libraries (Holly Henley/Mala Muralidharan)

Holly Henley reported that State Library is relocating to the Polly Rosenbaum Building. ATIC will probably meet in the Historic Supreme Court Chambers or the nearby Copper Dome Room both on the 2nd floor of the State Capitol going forward.

Holly reported that the State Library is in process of moving to Polly Rosenbaum building and are trying to get more material digitized. Holly will send out info about the annual grants from the Library.

Arizona State Library will sponsor an all-day Tribal Library Digital Inclusion Summit at the Ak-Chin Indian Community Library on September 21. AZ StRUT (https://www.azstrut.org/) is providing some 500 refurbished laptops for distribution to attending libraries. Details and registration at https://www.azlibrary.gov/events/2400.

Mala attended the Schools, Health and Libraries Broadband Coalition (SHLB, http://www.shlb.org/) conference in DC and is to send out some follow up info with links. She plans to attend a national e-rate conference later in the fall.

Other upcoming meetings of possible interest to ATIC Board members and associates are scheduled at http://www.azlibrary.gov/events where you can find details and free registration. Also, you can catch State Library of Arizona on Social Media at:

Facebook: https://www.facebook.com/StateLibAZ

Pinterest: https://www.pinterest.com/statelibaz/

Newsletter: http://www.azlibrary.gov/sla

Virtual Reference Desk: https://statelibraryofarizona.wordpress.com/

3.4 Telehealth (Janet Major)

The Arizona Telemedicine Program (http://telemedicine.arizona.edu/) will present their third Telemedicine & Telehealth Register Service Provider Showcase (SPS, http://ttspsworld.com/) to be held in Phoenix on October 2-3, 2017. It's a stellar agenda and Janet Major would be glad to provide any ATIC members a discount code on request.

3.5 Government Affairs (Mike Keeling)

Mike, Mark Goldstein, and Ron Schott are contributing to the Arizona Technology Council's annual Public Policy Guide (https://www.aztechcouncil.org/promoting-public-policy/public-policy-guide/) currently under revision. Mark will circulate the draft State Broadband Policy section to all for review.

Mike discussed the rule making for licensing cooperation or reciprocity across state lines and the 18 participants the licensure compact mostly from the western states.

3.6 ATI Institute (John Kelly/Oris Friesen)

John Kelly, ATIC Board Member and ATI Institute Chair was tasked to explore ATI Institute working with Matt Hanson, the Statewide Grants Administrator (to whom Karen Ziegler reports) to promote and facilitate broadband grant activity.

Mark Goldstein, ATIC and ATI Institute Board member was tasked to coordinate a meeting with Ron Schott and Jeremy Babendure to explore possible partnerships and collaboration with the Arizona Technology Council Foundation (https://www.aztechcouncil.org/serving-arizona/aztc-foundation/).

ATI Institute terms of the officers expired on June 30th and a Board meeting will be held shortly to refresh the officers' standing and work on future plans.

4   Information and Action Plans

4.1 Discussion of ATIC Partnership & Business Model Working Group - Oris Friesen, Henry Goldberg & Mark Goldstein

No new business or motions considerations this month.

Mark gave a brief update on the ATIC organizational strategy regarding Board membership and Officers. For details see Section 1.1 above.

We had a general discussion of the ATIC assistance being given to Bonnie Maney of Mission Critical Partners (MCP) and Karen Ziegler, with the Office of Grants and Federal Resources at the Arizona Department of Administration (ADOA), to identify rural Arizona stakeholders willing to participate in focus groups for the State Broadband Strategy development. MCP has been contracted by ADOA to perform this activity. Henry has forwarded Bonnie's focus group meeting announcement and invitation for the Oct. 11th – 17th focus groups in northern, southeastern, and western Arizona to ATIC members and interested parties to request they consider attending and invite end-user stakeholders to participate. Karen mentioned that there is interest in doing a telemedicine pilot in Douglas with Banner Health and Mark suggested contacting Janet Major and Mike Holcomb of the Arizona Telemedicine Program at the University of Arizona. A written report will be issued and a workshop will be held at the conclusion of all the focus groups to summarize the findings. Karen would like to schedule a session with ATIC to summarize the results of all the focus groups.

Mark reviewed a draft he has prepared for the Arizona Technology Council's (AZTC) 2018 Public Policy Guide for recommendations on Broadband and other ATIC-related topic areas to inform the state legislative activity, and asked for comments. It includes sections on education, the workforce and work place; universities and higher education; transportation and digital infrastructure; and biosciences, health care and telehealth.

Mark and Mala reported no real progress on the website development, and Mala agreed to prepare a plan shortly. In the meantime all Board members should be preparing to submit a brief bio and photo that can be placed on the website.

Jim Simms was out of the country so there was no input regarding his proposal for a middle-mile fiber network for rural Arizona. There was no report on possible cooperation with Matt Hanson, the State Grants Administrator, for managing some grants in the broadband area. John Kelly was going to re-engage on both of these fronts.

Steve decided to cancel the planned teleconference focusing on reviving the GAZEL-ATIC relationship and looking for collaborative opportunities going forward. He proposed that we continue going forward sharing resources such as Zoom and Ryver and assisting each other with the monthly networking meetings and a conference in Tucson next Spring. He also suggested capitalizing on shared contacts such as the Science Foundation Arizona and the Arizona Technology Council Foundation to partner with Labster to initiate a project to provide for virtual online labs in schools for free throughout the state. Henry suggested working with Cathy Poplin of AzTEA to expand the Labster initiative to demonstrate digital science courses statewide. Michael Cohen mentioned the availability of grants for digital curricula.

The next ATIC Partnership & Business Model Working Group meeting will be scheduled for early November in advance of the next ATIC Board Meeting on November 8, 2017.

Oris publishes a detailed report from each Working Group meeting that should be consulted for further details.

4.2 New Business or Motion Considerations (All)

No new business or motions considerations this month.

5 Upcoming Meetings/Events Attended

None this month.

6 Announcements

None this month.

7 Adjourn

ATIC Upcoming Board & Public Meetings

The next ATIC Board Meeting will be on Wednesday, October 11th, 2017 from 12:00-2:00 PM on the 2nd floor in the Historic Supreme Court Chamber of the Arizona State Library, 1700 W. Washington St., Phoenix AZ 85007.

Upcoming ATIC Board Meetings are scheduled for the second Wednesdays of the month (except August and December) from 12:00-2:00 at the Arizona State Library as follows:

October 11, 2017 (in the Historic Supreme Court Chamber, 2nd Floor)
November 8, 2017

Jan 10, 2018
February 14, 2018 (Statehood Day)
March 14, 2018
April 11, 2018
May 9, 2018
June 13, 2018
July 11, 2018
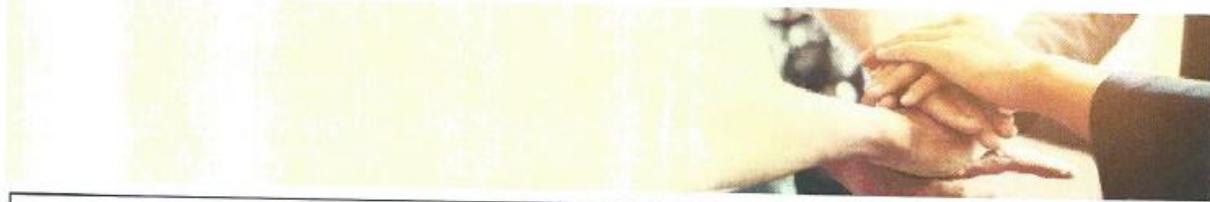September 12, 2018
October 10, 2018
November 14, 2018

ATIC Public Meetings:

TBD - Thursday, November 16, 2017 - Advanced Technology from the Lab to the Market 2:00-4:00 PM (Note: Thanksgiving is November 23, 2016)

DESERT SCHOOLS
FEDERAL CREDIT UNION

Account History - 60 Days

...04081-0400 Atic 434041	⌄

From:				
To:	Show	**OR**	**Last 30** Days History	
			Last 90 Days History	

*Account History is limited to 90 days.

Atic 434041 (Rename This Account)

Download Option ⌄

Current Balance:	$312.37	**Prior Year Dividend:**	$0.00
Available Balance:	$312.37	**Current YTD Dividend:**	$0.00

Account and Routing Information: Click here for Details

Privilege Pay Status: Active ⑦
Privilege Pay Opt-In Level: Full ⑦ Change
Privilege Pay Limit: $600.00 ⑦

Check Search
Enter your check number to see if the check has cleared: ⬜ Search

⊞ **Pending Transactions** ⑦

Account History

Date ▾	Description	Debits	Credits	Balance
09/06/2017	INTUIT *QB ONLINE 5734 800-286-6800 CA 00000000 ✉ ✎	-32.39		$312.37
09/05/2017	DNH*MADMIMI0142569- 5968 877-9606464 AZ 01056000 ✉		45.65	$344.76
09/05/2017	DNH*MADMIMI0142569- 5968 877-9606464 AZ 01056000 ✉		45.65	$299.11
09/05/2017	DNH*MADMIMI0142569- 5968 877-9606464 AZ 01056000 ✉		45.65	$253.46

08/23/2017	DNH*MADMIMI0142569- 5968 877-9606464 AZ 01056000	-45.65		$207.81
08/10/2017	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL	-25.93		$253.46
08/06/2017	INTUIT *QB ONLINE 5734 800-286-6800 CA 00000000	-32.39		$279.39
07/30/2017	ARIZONA TECHNOLOGY 7399 602-343-8324 AZ 00000000	-365.00		$311.78
07/23/2017	DNH*MADMIMI0142569- 5968 877-9606464 AZ 01056000	-45.65		$676.78
07/18/2017	DRAFT #2164 TRACER 5822258	-19.65		$722.43
07/18/2017	DRAFT #2162 TRACER 5822259	-58.86		$742.08
07/14/2017	DRAFT #2163 TRACER 5757376	-47.24		$800.94

Shares

Account #	Name	Current Balance	Available Balance
...04081-0000	Atic 073206	$14,111.31	$14,086.31
...04081-0400	Atic 434041	$312.37	$312.37
...04081-1100	Business Cert 18 Month 011822	$6,033.77	$6,033.77
...04081-1101	Business Cert 12 Month 011821	$6,113.18	$6,113.18
	Total:	$26,570.63	$26,545.63

Member Service

Quick Links

Select one... ⌄

FAQs

Select one... ⌄