

# Technical Advisory Committee Meeting

November 21, 2024

Attendance: Jim Stewart, Troy Jessup, Greg Scherer, David Long, Jeremy Cox, Jonathan Karras, Jenn Gibbs, Bill Mott, Lynne Yocom, Barry Bryson, Rick Gaisford

- **Welcome**
- **UCA radio deployment across the state**
  - The transition from analog to digital radio by UCA has resulted in a significant decrease in public safety radio coverage in schools, hospitals, and large buildings. The digital system either works or doesn't, which often leads to inconsistent or nonexistent coverage, posing a danger to public safety. Stakeholders were informed by the staff of the State Security Chief that UCA plans to connect radios to the building's Wi-Fi systems to address this issue. However, there are concerns regarding the reliability and capacity of these Wi-Fi systems to handle the necessary load, and are a very unsecure, unreliable structure for radio networks.
    - A stakeholder is meeting with the State Security Chief to discuss this matter, gather more information about their plan, inform the Chief of concerns, and report back to the committee in the December meeting.
  - We will invite Abraham Kaloli, an IT Director at the University of Utah, to discuss their testing of open roaming on campus at one of the meetings.
- **Cyber Security Update**
- **AI – Updates and discussion**
  - One U RAI Infrastructure Committee:
    - <https://www.lists.utah.edu/www/subscribe/sig-ai-infrastructure> (mailing list)
    - <https://rai.utah.edu/about/> (overview page)
    - There are approximately 15 people in this working group. You are welcome to join us, and we would love to have representation from outside the University of Utah to add diversity to our team.
  - Association for Information Management (AISIG) throughout the state of Utah. They have people coming from across the country giving use cases on ways that people are using AI.
    - <https://www.aimutah.org/>
  - We'd like to see discussions about identifying use cases for infrastructure and finding subject matter experts to share their projects and insights. I'd like to explore how to use AI to analyze telemetry data to improve network performance. We ought to explore different models that our data could be run through and figure out how we can share that data and combine it.
  - Weber State University has created an AI task force that includes data analysts and a few other groups outside the AI task force.
    - Invite the WSU AI task force to a meeting
- **School Startup 2024 - Input from TAC**
  - The school year started smoothly with minimal issues for most of the committee members. However, there are ongoing challenges with a vendor's responsiveness in turning up circuits, particularly in healthcare areas. The wireless cellular project is progressing well, with three antennas fully functional and Chromebooks being deployed to students in need. Feedback on the Chromebooks has been positive, with better performance than home Wi-Fi in some cases. There were no significant problems with new school openings. Internet usage has increased significantly this year, with daily averages rising from 3 to 4 GB and spiking up to 6 GB. Many thanks to the UETN staff for all their work.
- **Member Interests – As time permits**
- **Adjourn**