



Local Content and Service Report to the Community



2023



UTAH EDUCATION NETWORK

Welcome Friends

As a public media entity and recipient of community service support from the Corporation for Public Broadcasting, UEN provides this annual update to highlight our achievements in 2023. As you'll see in these pages, our community is the state of Utah, and our local services are extensive.

We deliver **education** programs, videoconferencing solutions, learning software, captioning and video-on-demand, and we help faculty and administrators maximize their professional learning.

We manage critical technology **infrastructure**, from procurement to innovative solutions, to optimize speed and safety. Our infrastructure provides internet service to more than 2,000 education, library and telehealth sites, and four broadcast channels that reach 3.3 million residents.

Our service mission is driven by the goal of **digital equity** for all Utahns. That means universal access to the internet and robust connectivity, programs that inspire and educate, and services linking learners with educators.

We depend on **funding** provided by the public and other contributors. As such, we have a responsibility to be good stewards of the resources entrusted to us by practicing sound fiscal and management practices.

Our **Governing Board** and **Advisory Councils** represent the communities we serve. The impressive data in this report would not be possible without their support, without the work of our talented staff, and without the valuable guidance of our community partners and peer organizations.

Thank you for your support.



First Lady Abby Cox and Sarah Allred talk with UEN's Matt Winters, Dani Sloan and Nicole Reynolds about empowering teachers and students for **Homeroom**, the podcast for educators.

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On the cover:

top: **Students In Focus** host Katie Neal interviews Devin Graham, filmmaker and social media influencer.

middle: Juliette Bautista Barahona, founder and director of Club Ability, explains why she created the nonprofit in **SciTech Now: Madres in STEM**.

bottom: UEN producers share their media skills with students from Pleasant Grove High School.



Education for lifelong learners of all ages



Live coverage of launches, spacewalks and more



Native American and Indigenous entertainment and news



English language programming from Japan

Education in Focus

We deliver education programs, video conferencing solutions, learning software, captioning and video-on-demand, and we help faculty, administrators and healthcare professionals maximize their professional learning.



In **PDTV: Personalized Learning**, UEN visits the Jean Massieu School of the Deaf in Salt Lake City to see Utah's ed tech competencies in action.



UEN's **Art Connection** celebrates Utah's creative community. This year's segments included a story on an empowering response to Utah's air quality crisis.



Homeroom guests Anisha Marion and Leonard Almero talk with UEN's Dani Sloan, Matt Winters and Fernando Lara about ways educators can support Native American learners in K-12 classrooms.



College students observe Utah's most iconic wild horse herd through a citizen science program featured in UEN's **SciTech Now**.



350+ students built media skills through 12 events and 5 internships



UEN intern Katie Neal hones her sound engineering skills with Producer Cassandra Taylor Empey.

14,142 educators participated in 398 UEN Professional Development events

215 principals to date have discovered how to integrate ed tech through Leading Schools Summits

2,866 hours of closed captioning services for accessible content

49 educators earned Ed Tech Endorsements via UEN's program, for a cumulative total of 460

10.8K public media professionals participated in courses hosted by UEN

114 new productions on education and community topics

UEN broadcasts to 3.3M people

Distance Education
21K+ events

e-media
on demand videos and more
785K visits

uen.org
6.5M+ visits

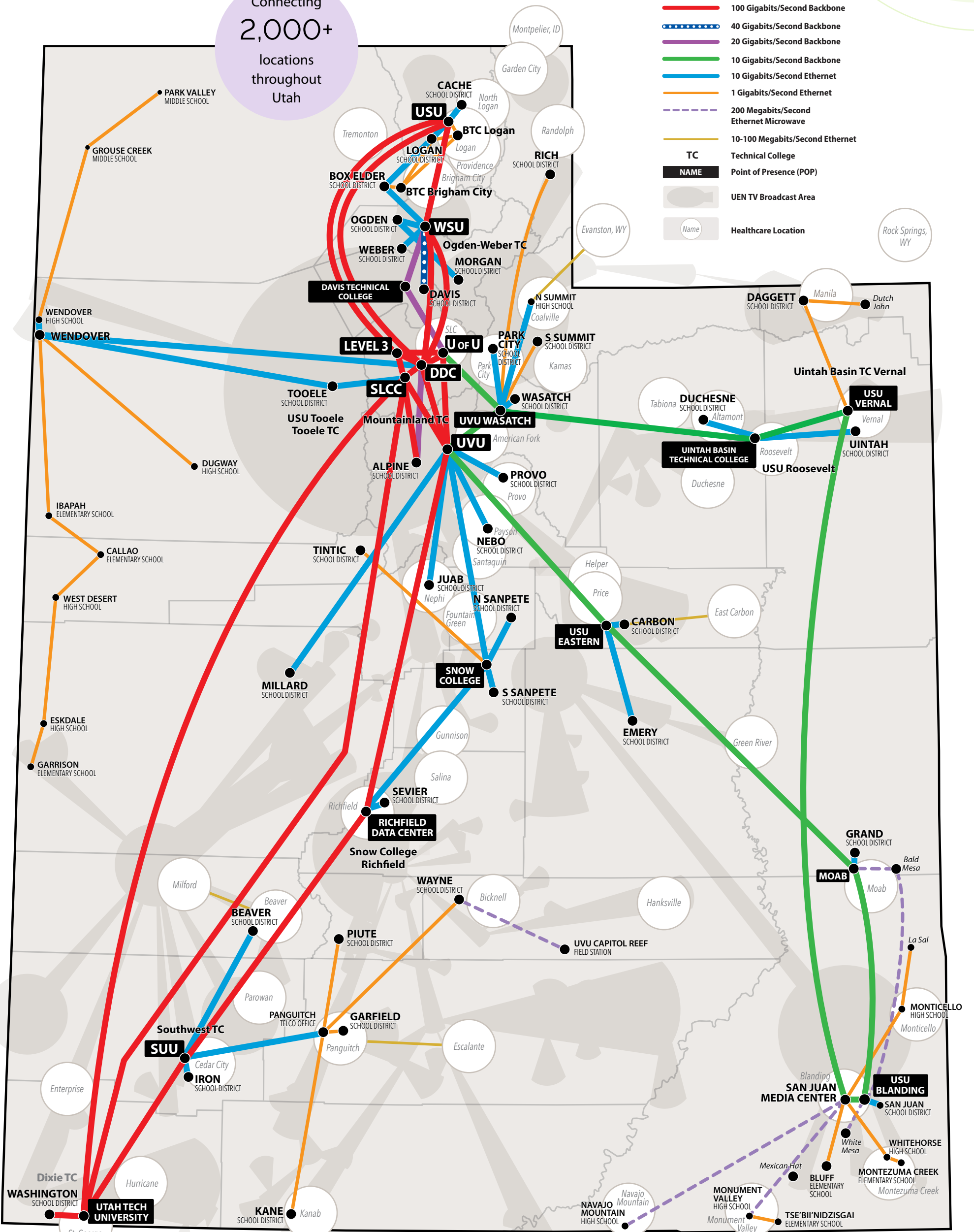
eduroam
90 wifi hotspots

3

UEN Infrastructure Map

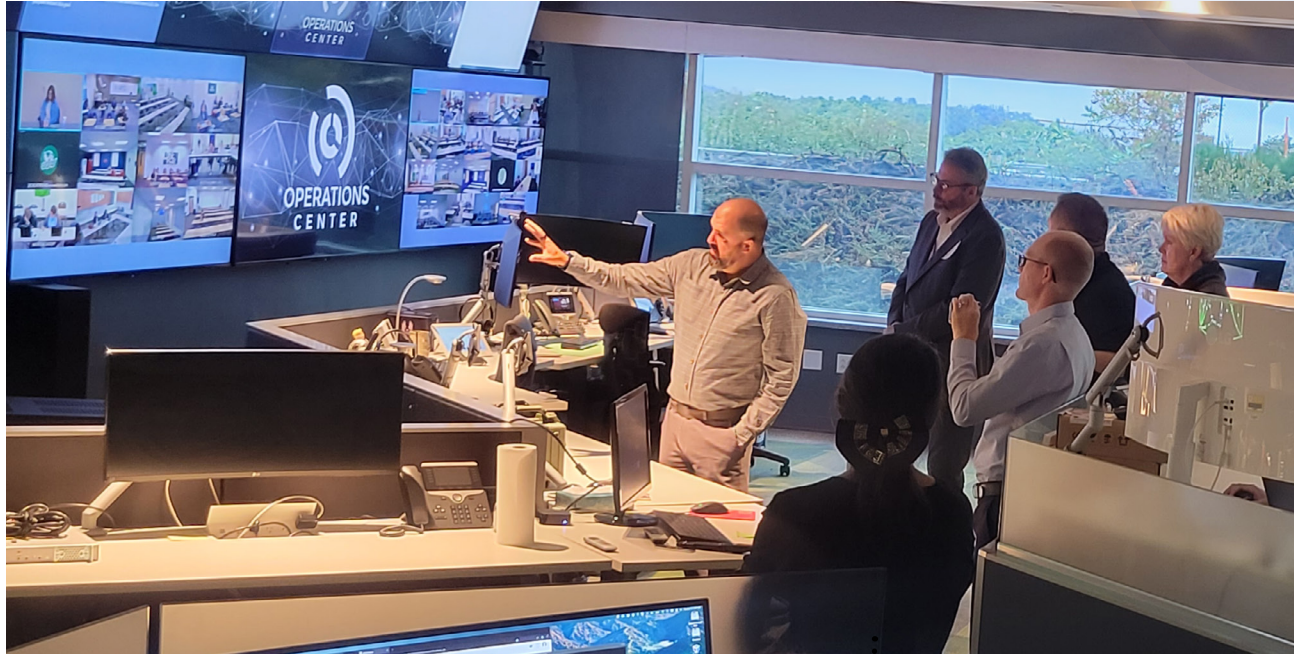
Connecting
2,000+
locations
throughout
Utah

- 100 Gigabits/Second Backbone
- 40 Gigabits/Second Backbone
- 20 Gigabits/Second Backbone
- 10 Gigabits/Second Backbone
- 10 Gigabits/Second Ethernet
- 1 Gigabits/Second Ethernet
- - - 200 Megabits/Second Ethernet Microwave
- 10-100 Megabits/Second Ethernet
- TC** Technical College
- NAME** Point of Presence (POP)
- UEN TV Broadcast Area
- Healthcare Location



Infrastructure

We manage critical technology **infrastructure**, from procurement to innovative solutions, to optimize speed and safety. Our infrastructure provides internet service to more than 2,000 education, library and telehealth sites, and four broadcast channels that reach 3.3 million residents.



UEN Manager Jesse Howerton explains how the Network Operations Center optimizes speed, reliability and security for K-20+ education, public libraries and telehealth partners.

13% network traffic increase over last year



for a total of 298 petabytes — that's about 5K years of constant 4K HD video streaming

UEN's high-capacity network supports higher education research. For instance, the University of Utah relies on UEN's stable, robust network to transfer data from more than 200 seismographic stations throughout the region to their research center in Salt Lake City to help reduce the risk from earthquakes. Pictured: University of Utah Station MPU in Maple Canyon.



Digital Equity

Our service mission is driven by the goal of **digital equity** for all Utahns. That means universal access to the internet and robust connectivity, programs that inspire and educate, and services linking learners with educators.

- Saved Utah \$14.2M through statewide software licensing for education
- Helped 1K+ educators improve Digital Citizenship instruction in their schools
- Hosted the first statewide symposium on **open education resources** for Utah higher education
- Connected 3M+ public library patrons to the internet
- Saved higher education partners \$172K+ in making online course materials more accessible through closed captioning

Managed licenses for 25 software tools for Utah learners and educators

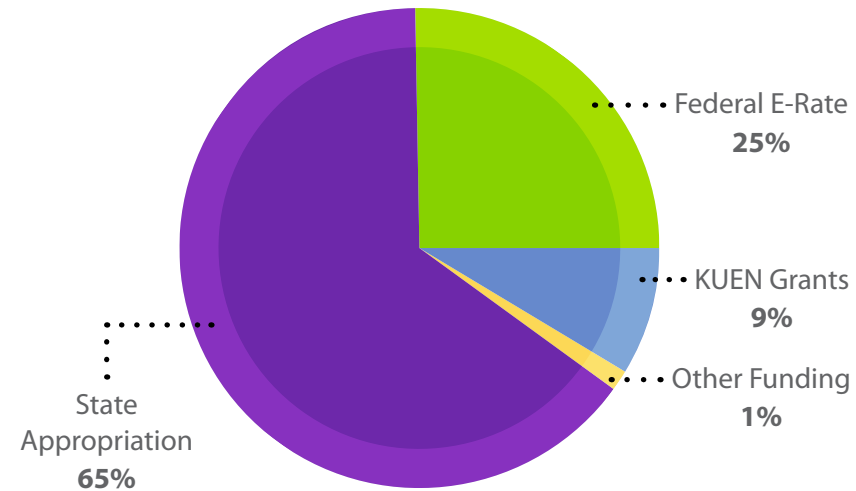
- Utah's Online School Library: 2.2M visits
- Canvas: 674K+ learners
- Nearpod: 21.2M activities
- Pressbooks: 232K+ users to date

2023 Financials

We depend on **funding** provided by the public and other contributors. As such, we have a responsibility to be good stewards of the resources entrusted to us through sound fiscal and management practices.

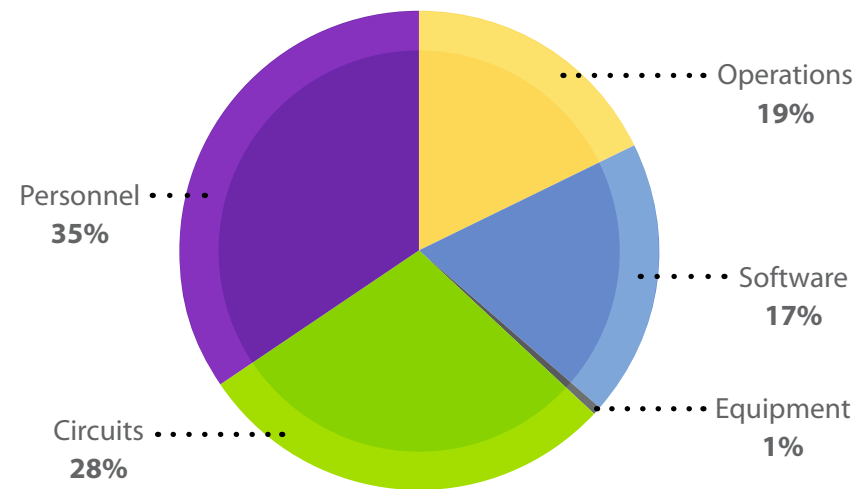
Income

State Appropriation	33,252,800
Federal E-Rate	13,036,800
KUEN Grants	4,396,300
Other Funding	678,900
Total	\$ 51,364,800



Expenses

Personnel	17,825,600
Circuits	14,577,600
Operations	9,566,700
Software	8,999,900
Equipment	395,000
Total	\$ 51,364,800



2023 Governing Board

Our Governing Board and Advisory Councils represent the **communities we serve**. The impressive data in this report would not be possible without our talented staff, Board and Advisory Council volunteers, and valuable guidance from our community partners and peer organizations.

Robert Wagner (Chair)
Utah State University
Represents: Higher Education

Patty Norman (Vice-Chair)
Utah State Board of Education
Represents: Public Education

Christina Baum
Utah Valley University
Represents: Higher Education

Brittney Cummins
Education Advisor
Represents: Office of the Governor

Jared Haines
Utah System of Higher Education
Represents: Utah System of Higher Education

Stephen Hess
University of Utah & Utah System of Higher Education
Represents: Higher Education

Chaundra Johnson
Utah State Library
Represents: State Library

Taryn Kay
Grand School District
Represents: Public Education

David Long
Beaver School District
Represents: Public Education

Kurt R. Loveless
Kane County Hospital
Represents: Utah Telehealth

Tad Morley
University of Utah Hospital & Clinics
Represents: Utah Telehealth

Greg Scherer
Davis Technical College
Represents: Utah System of Higher Education: Technical Colleges

Jason Strate
Central Utah Educational Services
Represents: Public Education



UEN's Jasmin Valdivia greets participants in the 2023 Tumbleweeds Film Festival for Kids, held in partnership with the Utah Film Center.



This was a great experience for me as a new principal. I learned so much from the other participants and presenters."

— Participant, 2023 Leading Schools Summit



UEN's educational content not only reignited my creativity but also enriched my family."

—Ann, UEN viewer



UEN represents the best of service-oriented shared services, done in the true 'Utah Way.' A leading example, nationally, in driving high performance and efficiency for the fast, secure and stable network we need for innovation."

—Eric Hawley,
Chief Information Officer,
Utah State University



Thank you for telling the stories of Utah teachers and diving into topics that help us learn from one another."

—Megan Hallett, teacher,
Salt Lake City
School District



UEN's network is reliable, and the team is great. UEN is a key part of our real-time operations center that allows us to provide earthquake information to the public and emergency managers."

—Dr. Kristine Pankow,
Associate Director,
University of Utah
Seismograph Stations



UEN is always super responsive to any and all of our requests. Your team makes an incredible impact on our community down here at Utah Valley University."

—Jason Hill, Director,
Learning Systems,
Utah Valley University



The UEN Technology Inventory has helped us work through overcoming the Digital Divide. That is so important to not just our community, but the whole state."

—Scot McCombs,
Director of Information
Technology, Canyons
School District