



BROADBANDUSA

CONNECTING AMERICA'S COMMUNITIES

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Organization:	University Corporation for Advanced Internet Development
Project Name:	United States Unified Community Anchor Network (US UCAN)
Project Type:	Comprehensive Community Infrastructure
States:	All fifty states and the District of Columbia
Federal Award:	\$62,540,162

ABOUT THE PROJECT

As part of a longstanding project to connect essential community anchor institutions across the country, and facilitate closer collaboration and long-term benefits for education, research, healthcare, public safety, and government services, the **University Corporation for Advanced Internet Development (UCAID)** proposes a comprehensive 50-state network benefitting approximately 121,000 community anchors. The project proposes a large-scale, public-private partnership to interconnect more than 30 existing research and education networks, creating a dedicated 100-200 Gbps nationwide fiber backbone with 3.2 terabits per second (TBps) total capacity that would enable advanced networking features such as IPv6 and video multicasting. The project plans to connect community anchors across all disciplines into virtual communities with shared goals and objectives, including colleges, universities, libraries, major veterans and other health care facilities, and public safety entities, with additional benefits to tribes, vulnerable populations, and government entities.

The United States Unified Community Anchor Network project proposes to:

- Provide advanced backbone capacity for secure collaboration to more than 121,000 community anchor institutions nationwide through their state networking collaborators (RONs), while enabling the potential to serve up to an additional 97,000 institutions.
- Improve health care options by linking facilities nationwide with greater capacity, unifying the Indian Health Care Networks, linking Veterans Affairs Centers, and connecting projects funded by the Federal Communications Commission's Rural Health Care Pilot Program.
- Advance public safety by linking 6,183 Public Safety Answering Points and facilitating the development of a Next Generation 911 system.

ORGANIZATION'S HISTORY

UCAID, also known as Internet2, has provided advanced network services to anchor institutions across the U.S. since 1997. It has a strong record of managing federal grants for high tech public/private projects. It has operated nationwide advanced networking facilities for over 13 years..

PROJECT PARTNERS

- National LambdaRail
- Northern Tier Network Consortium
- Indiana University
- Infinera
- Cisco Systems
- Ciena
- Juniper Networks

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on www.ntia.doc.gov/broadbandusa.

For press-related inquiries, contact 202-482-7002 or press@ntia.doc.gov. For the general public, contact BTOP@ntia.doc.gov.

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