



EAGLE-NET'S BTOP HISTORY

EAGLE-Net was awarded a Round-2 \$100.6 million Broadband Technology Opportunities Program (BTOP) grant in September 2010. Through public-private partnerships, EAGLE-Net will bring broadband service to 234 community anchor institutions across Colorado including all 178 public school districts, libraries, higher education institutions, Boards of Cooperative Educational Services and other community anchor institutions.

The BTOP program is sponsored by the Department of Commerce's National Telecommunications and Information Administration (NTIA) and is funded by the American Recovery and Reinvestment Act. NTIA utilized \$4.7 billion of that funding for grants to deploy broadband infrastructure in the U.S., expand public computer center capacity, and encourage sustainable adoption of broadband service.

For more information go to:
www2.ntia.doc.gov/about
www.co-eaglenet.net



BROADBANDUSA
 CONNECTING AMERICA'S COMMUNITIES

LIBRARIES



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Providing carrier quality broadband
 transport and Internet services to
 Colorado community anchor institutions

The EAGLE-Net Alliance (EAGLE-Net) is an intergovernmental entity which operates a Colorado cost-sharing cooperative delivering a secure, high-speed broadband network to more than 230 community anchor institutions statewide. Through this cooperative, EAGLE-Net is building a sustainable network to last well beyond its August 2013 completion, offering long-term communication benefits to public schools, community colleges, libraries, Boards of Cooperative Educational Services (BOCES), higher education institutions, hospitals and local government agencies.

WHAT WE PROVIDE

EAGLE-Net provides the following services to cooperative members and subscribers via our secure, high-speed broadband network:

- Middle mile broadband speeds from 20 - 1,000 Mbps (1 Gbps) and above
- Access to intergovernmental and other Internet service provider networks
- Transport to the gateways for advanced research and education networks
- A statewide data network which can provide excess capacity to local carriers

GET PLUGGED IN!

Our secure broadband middle mile network provides a high-capacity statewide footprint for Colorado. We have enabled, via large and small wire line and wireless communications providers, last mile transport between our middle mile point of access and their network facilities.

EAGLE-Net offers:

- Carrier quality reliability with 24/7 customer support
- Local and state government network peering
- Service Level Agreement
- Redundant Internet connectivity
- Proactive network security
- Scalability to accommodate growing bandwidth needs
- Web based portal for online customer support
- Statistical analysis of service usage



BENEFITS FOR OUR COOPERATIVE MEMBERS

Through our carrier quality, statewide broadband network, EAGLE-Net connects various educational entities, governmental agencies, healthcare organizations and other community anchor institutions to the Internet and to each other. As an intergovernmental cooperative, our members enjoy benefits that reduce broadband Internet services costs.

Along with the cost savings realized through joint purchasing power, our network helps institutions economize their operations and improve efficiencies with the following:

- Sharing of network bandwidth and applications with other cooperative members
- Ability to participate in online professional development and training programs that eliminate time-consuming and costly travel
- Improved data transfer speeds for increased productivity
- Enhanced security that provides an efficient, reliable link between users
- Access to a scalable broadband infrastructure designed for continuous capacity growth without costly, disruptive upgrades

BENEFITS TO LIBRARIES

EAGLE-Net offers the following opportunities to libraries through its high-speed broadband connection:

- High-capacity network that enables libraries and their patrons to transfer large amounts of data quickly
- Access to information resources and research data not available on all networks
- Greater workforce development opportunities created by linking multiple library networks and information databases together
- Ability to administer industry-specific certification tests at multiple library locations across the state
- Enhanced speed to facilitate the completion of online job applications and other services requested by patrons
- Resource sharing between different entities and stakeholders including library branches, patrons and schools

