



## EAGLE-NET

# ENHANCING AVAILABLE SERVICES FOR EDUCATION, RESEARCH, HEALTHCARE, LOCAL GOVERNMENT AND PUBLIC SAFETY

The EAGLE-Net (Educational Access Gateway Learning Environment Network) Alliance (EAGLE-Net) is an inter-governmental entity which operates a Colorado cost-sharing consortium that provides a fully collaborative and secure high-speed broadband network.

EAGLE-Net offers a carrier quality broadband network that provides commodity internet and advanced education and research networks to Colorado school districts and other community anchor institutions.

Adesta was the design-build contractor who provided network design and build services for deployment of a statewide broadband network across Colorado. They partnered with EAGLE-Net and other partners to fulfill the requirements of the \$100.6M Broadband Technology Opportunities Program (BTOP) grant that was awarded in September 2010.

Adesta designed and constructed a hybrid network consisting of new and existing fiber along with microwave. They were responsible for minimizing project costs by leveraging existing fiber optic infrastructure and existing wireless tower infrastructure where available and economically feasible.

The network significantly enhanced economic opportunities throughout Colorado and especially in rural communities by facilitating the ability to attract new business and generate jobs. It also extended the reach of education by connecting learning institutions and introducing distance learning opportunities

"We partnering with EAGLE-Net on this project was exciting," said the President of Adesta. "We believe that this network is essential to the economic future of Colorado. Taking broadband connectivity to community anchor institutions across the state will have a tremendous impact on education and public safety communications."

Michael Ryan, President of EAGLE-Net Alliance commented, "Adesta and its employees provided a wealth of knowledge and experience to our project as our design-build contractor. With their background in design and construction of integrated broadband networks, EAGLE-Net made a significant difference in how Colorado communicates."

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