

Digital California Project

Enabling California's **K-12 schools** to take advantage
of tomorrow's advances in network technology

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The Network Powered by and for K-12 Education

Today, the state-funded Digital California Project (DCP) provides K-12 schools with the power and the promise of a state-wide, education-focused network. Never before has an undertaking so significant been so successful in building out advanced network capabilities and enabling access to the kinds of information and resources that can greatly expand the learning potential of California's students.

The network supporting the DCP was built strictly for education in California—and that makes DCP unique. It means DCP can provide a set of capabilities that reaches far beyond what the commercial Internet can offer. What's more, it allows educators the control of intelligently planning for and benefiting from a growing menu of emerging education applications.

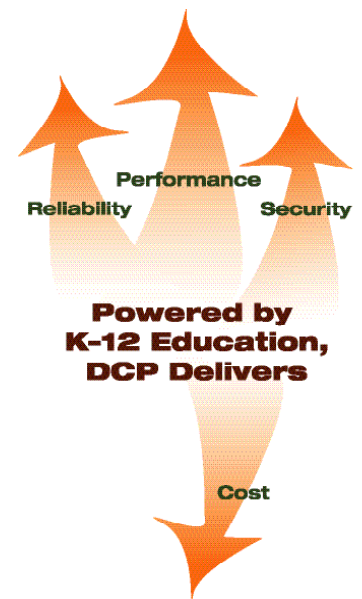
Spanning each of California's 58 counties, the DCP network represents the K-12 portion of CENIC's commitment to California's research and education community and provides the advanced networking services needed to access a rich array of bandwidth-intensive resources in an educational setting. The CENIC-operated DCP network infrastructure facilitates reliable, cost effective access to advanced online teaching and learning resources for educators and students; plus network-based business processes for schools, districts and county offices of education.

Benefits of the DCP

Digital California Project network connections offer educators and administrators the ability to access and use state-of-the-art resources throughout California and the nation. The network enables cost-effective delivery of advanced curriculum and services to schools regardless of size or location and provides districts a flexible growth path for high-quality, education-focused Internet connectivity.

DCP makes fiscal sense, both for the State and for K-12. Districts using the DCP-supported network report significant financial savings and substantial performance improvements. Plus, the focus on educators' unique needs makes these connections superior to slower and variable quality commercial Internet services.

County offices of education and school districts also benefit from "bulk" commercial Internet rates obtained as a result of the DCP. These high volume



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rates were negotiated by CENIC for the entire education community in California and can provide lower costs than an individual district or county office might independently negotiate. E-rate and California Teleconnect Fund discounts are also available to help districts and schools connect to the DCP network.

Vital New Resources for Teaching and Learning

The DCP provides California with a remarkable set of technological resources for teaching and learning. In partnership with the K-12 community, the DCP makes very high-speed broadband capabilities available to county offices of education, school district offices and schools to facilitate the following:

- **Professional Development/Staff Training**
video conferencing, Web casts, synchronous and asynchronous interaction with other teachers and faculty via online collaboration tools, streaming videos of effective teaching that relate directly to California textbooks and state academic standards
- **Student Instruction**
distance learning programs and course materials, such as advanced placement courses that may not be available statewide, virtual field trips and interaction with leading experts and master teachers around the world
- **Teaching Resources**
model lessons and other resources that enable student instruction in accordance with state curriculum and academic standards

- **Administrative Support**

cost-saving, network-based collaboration for sharing information, including transcripts through the California Student Information Services project; provision of access to information resources such as funding information, instructional management tools, state and national policy information, and professional development

- **Student Assessment**

online tools for use by educators to analyze and apply student assessment data

- **Library Resources**

online encyclopedia resources, high-resolution art and history videos, photo and graphic archives

- **Student Support**

resources to guide students in course selection, college placement, placement examination preparation and information, as well as career, vocational and financial aid information

Learn More about the DCP

For more information on the Digital California Project, visit <http://www.cenic.org/DCP.html>; contact dcp@cenic.org; or subscribe to DCP Today, the project's monthly electronic newsletter.



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