



## PUBLICATIONS

### DCP Today

Volume 3, Issue 4  
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Welcome to DCP Today, CENIC's twice-monthly electronic newsletter detailing the latest news about the Digital California Project.

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#### Quote of the Month

"When it comes to high-speed broadband Internet access, almost twice as many urban households are connected when compared to rural communities, despite the fact that rural communities would stand to gain the most from the educational, health and economic benefits of high-speed connectivity."

-- From a press release issued by the Benton Foundation on the proposed FY 2003 budget.

#### Digital California Project News

#### Parks Online Resources for Teachers and Students (PORTS) Project

Joe Von Hermann, a long-time Park Ranger and Interpreter of the California Parks and Recreation Department, recently outlined the objectives and goals of the PORTS Project. Joe and Lori Musick representing CENIC have put together a proposal for this ambitious virtual field trip project and are now in the process of seeking funding. In addition to archived multimedia resources that will become available, the PORTS project will provide students at selected project sites with interactive videoconferences with Park Interpreters. The PORTS project will begin with a limited number of schools and parks so that educational materials and practices, as well as the network-based technologies, can be pilot tested. Both Parks and CENIC hope that these rich cultural and natural history resources can be made available at low cost to every California classroom.

CENIC and the Parks Department have already agreed to connect the Capitol Museum in Sacramento to the DCP as an initial testbed. A recent demonstration of the Parks capability to provide virtual field trips linked the Crystal Cove State Park in Orange County with the Saddleback Unified School District using the network provided by the Orange County Office of Education. For more information on this project or the Crystal Cove event, contact Lori Musick ([lmusick@koce.org](mailto:lmusick@koce.org)) or Joe von Hermann ([jvonh@parks.ca.gov](mailto:jvonh@parks.ca.gov)).

Source: John Vaile, Director of DCP Applications ([jvaile@cenic.org](mailto:jvaile@cenic.org))

#### "No Child Left Behind" Act & the DCP

The DCP Applications Coordination Team (DACT) began analyzing the impact the new "No Child Left Behind (NCLB)" Act will have on California's schools, emphasizing how the DCP might help schools meet its requirements. Among the new law's requirements, two seemed to have the most applicability to network-delivered resources and collaboration: student achievement as well as accountability and preparing teachers and paraprofessionals.

The DACT was asked to explore ideas that might help the DCP staff and the California Department of Education (CDE) plan to provide support in these critically important areas. The CDE is in the middle of a process that will result in an implementation plan for the programs that will replace the old Elementary & Secondary Education Act (ESEA) that has been in place for decades. Mary Sprague, representing the CDE, facilitated the discussion along with John Vaille for the DCP.

Points that the group made included:

1. DCP ought to produce materials to assist districts to plan for the inclusion of DCP-delivered services among their strategies to meet the goals of the NCLB Act.
2. DCP might help the other segments of the California education community (colleges and universities) to better understand the impact of the NCLB and how the network might be used to assist K12.
3. CDE was encouraged to consider using some of the statewide funding in the act to provide a basic set of network-delivered educational technology instructional resources to every NCLB school through a licensing program.

John Cradler ([cradler@earthlink.net](mailto:cradler@earthlink.net)) has organized a writing team (Marc Liebman and Don Lake) to draft materials to assist districts as suggested in #1, above.

Source: John Vaille, Director of DCP Applications ([jvaille@cenic.org](mailto:jvaille@cenic.org))

#### NETWORK INSTALLATION UPDATE

The rollout of CENIC's DCP network is beginning to reach critical mass. We are on track to have over 75% of the Round 1 node sites connected by the end of the first quarter ending March 31, 2002.

Forty-six or 65% of the Round 1 sites have been installed to date. Because of the network design aimed at providing redundancy for most sites, installation of the installed sites required 86 DS-3 and OC-3 circuits to be installed. This is an impressive number considering there weren't any circuits installed or sites connected a short ten months ago. Another nine sites are scheduled to be installed during the month of March, primarily those connected via the new CENIC hub site in Sacramento. If the current schedule holds, there will be at least 55 sites comprising 75% of the Round 1 node sites installed by March 31, 2002.

It appears that two node sites will need to be served via microwave, Mammoth COE and Tulelake Basin JUSD. More details and a possible timeline will be provided in DCP Today's next issue.

Currently there are 21 installed sites without LAN connections and 25 fully operational sites that have their LAN connected to DCP.

Sites without LAN Connections: Los Angeles USD, Los Angeles COE, Amador, Madera COE, Mariposa COE, Dos Palos HS, Tuolumne COE, Calaveras COE, Butte COE, Glenn COE, Shasta COE, Victor Valley CC, Monterey Peninsula College, Lake COE, Marin COE, Alameda COE, San Mateo COE, Mendocino COE, Solano COE, Napa Valley USD, and Sonoma COE

Fully Operational Sites: SLO COE, Orange COE, Kern COE, Fresno COE, Merced COE, Tulare COE, Kings COE, Monterey COE, Riverside COE, Stanislaus COE, San Benito COE, San Bernardino CSS, Bishop Union, Santa Cruz COE, Imperial COE, San Joaquin COE, Santa Barbara CEO, Pomona USD, San Diego COE, Chaffey JUHSD, Red Bluff HS, Santa Clara COE, Ventura CSS, Contra Costa COE and San Francisco COE.

Plans from the eleven regional K-12 Liaisons are due at the 3/1/02 Network Planning Meeting. Recommendations for disbursement of Round 2 funding will be presented to the DCP Program Steering Committee meeting on March 14, 2002, with implementation to begin shortly after approval.

Source: Edwin Smith, Network Implementation Project Manager ([smithew@csu.net](mailto:smithew@csu.net))

#### Instructional Implementation Update: Pomona Unified School District (PUSD)

Preparations are currently underway in the Pomona Unified School District (PUSD) to demonstrate DCP utilization. The superintendent, administration, and a number of the teaching staff are committed to making full use of the network and to having the district serve as an early adopter site for DCP. The first schools to implement DCP will be located in the Village at Indian Hills, which is a large community center containing schools serving grades K-6 and high school. This site has been acknowledged by the Governor's office as a model community learning and technology center. Pomona will conduct a public launch and demonstration of DCP on May 16, 2002 at the Pueblo Schools and Technology Conference Center. Demonstration partners include Pomona USD, Hacienda La Puente USD, Los Angeles COE, and the CalPoly School of Education.

Initial DCP Applications for PUSD:

- *RX-Net:* An administrative application requiring high capacity and speed that manages and relates student assessment information from the SAT9 and API to instructional activities individualized to the classroom and student level as well as linking relevant student information to parents.
- *Video teleconferencing:* Web-casting and videoconferencing to deliver interactive professional development to both administrators and teachers throughout the district. This is now being used between Hacienda, Pomona, CalPoly and LACOE with a focus on K-3 professional development on reading literacy.
- *Commercial applications:* Pomona has established a process for reviewing applications to determine the extent to which they are both broadband appropriate and can address local instructional needs, and is currently reviewing programs such as the Videodiscovery Digital Library, Knowledgebox, Waterford Reading, and other programs that can be enhanced with broadband delivery.

For more details on the DCP launch as well as current DCP-related activities, contact Jerry Livesey at PUSD (909) 397-4800.

Source: John Cradler ([cradler@earthlink.net](mailto:cradler@earthlink.net))

### **National Education Technology News**

#### **Benton Foundation Report: Bush Abandons National Strategy to Bridge the Digital Divide**

The Bush administration, has given up on the decade-long national fight to bridge the digital divide. After a year of public speculation over whether the White House was committed to expanding Internet access and skills to all of America's citizens, the administration has finally broken its silence. In its FY 2003 budget, the White House stripped over \$100 million in public investments previously available for community technology grants and IT training programs—programs that offer real payoffs to rural communities, the working poor, minorities and children.

To view the entire press release, go to <http://www.benton.org/press/2002/pr0211.html>

Source: Benton Foundation

#### **Action Alert: TEACH Act**

Almost a year ago, the Senate passed the Technology Education and Copyright (TEACH) Act, which would update the distance learning exception to the Copyright Act for digital distance learning. The education and library community has advocated a change in the law for several years with the support of the United States Copyright Office. Despite broad-based support, the TEACH Act has been stalled in the House Judiciary Committee over unrelated issues since last summer. If it is not considered soon, its passage will be put in jeopardy.

The TEACH Act would extend the distance learning exemption to "anytime, anywhere" learning online, permit educational institutions to use "reasonable and limited" portions of audiovisual works and sound recordings in distance learning courses without permission or payments, and permit educators in certain instances to digitize and freely use works that are not already available in digital form.

The TEACH Act strikes a fair balance between the intellectual property rights of content owners and the needs of educators to use emerging digital technology to its full educational potential. The legislation has strong bipartisan support in Congress, and the support of both educational groups and many content providers.

More information on the TEACH Act, including how to can show your support, can be found at <http://www.cosn.org/resources/021902.htm>.

Source: Consortium for School Networking

#### **About CENIC**

CENIC is a not-for-profit corporation formed by the California Institute of Technology, the California State University, Stanford University, the University of California, and the University of Southern California to facilitate and coordinate the deployment, development, and operation of a set of seamless and robust advanced network services. The CENIC Associates program offers qualified companies the opportunity to collaborate with CENIC in pursuit of the goal of providing the most advanced network services for research and education. Cisco Systems, Nortel Networks, Pacific Bell, and the University and Community College System of Nevada are CENIC's Partner Associates.

More information about CENIC is available at: <http://www.cenic.org>.

#### **About DCP**

The Digital California Project is a project of CENIC. A multi-million dollar effort funded by the State of California, the DCP was designed to build the necessary network infrastructure needed to prepare California's schools to take advantage of tomorrow's advances in network technology. In essence, CENIC is developing an advanced-services network to serve the entire California K-20 education and research community.

#### **Subscription Information**

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