



LEADING THE WAY TO TOMORROW'S INTERNET


 Search

[About CENIC](#)
[Network](#)
[Services](#)
[Projects](#)
[Associates](#)
[Publications](#)
[Events](#)


PUBLICATIONS

Volume 4, Issue 6
July 2001

IN THIS ISSUE:

[Quote of the Month: Tom West](#)

CENIC News

- [ONI Initiative "Network Architecture and Design" Document Released](#)
- [Michael Van Norman Replaces Russ Hobby as TAC Chair](#)
- [University and Community College System of Nevada Named CENIC Partner Associate](#)
- [Royal Institute of Technology, SAIC, SLAC added as CENIC Affiliate Associates](#)
- [Digital California Project "Network Implementation Status" Website Updated](#)

National Networking News

- [Idaho Educator's High-Tech Mouse Provides New Model for Computers in the Classroom](#)
- [Almost all US public schools online](#)

[Factoid: California Surpasses France to Rank as the World's Fifth Largest Economy](#)

About CENIC

Subscription Information

Quote of the Month: Tom West

"We owe [Russ Hobby] a great deal of thanks and appreciation for his outstanding leadership of TAC since its inception back in 1997. Russ' diligence to the tasks at hand and his easy manner of running the TAC ensured that TAC became a "team" vision and process. We plan to sustain that style with Michael Van Norman."

--CENIC President/Executive Director Tom West

CENIC News

ONI Initiative "Network Architecture and Design" Document Released

On July 16, 2001, CENIC kicked off Phase 2 of its ONI Initiative by releasing a document detailing the proposed architecture for a new high-performance optical network for California research and education.

In its current format, this document provides potential ONI partners with CENIC's initial definition of ONI network requirements and fiber topology necessary to meet those requirements. Potential partners are invited to view this document as a baseline statement of the network that CENIC will start building the fall of 2001.

The "ONI Network Architecture and Design" document can be downloaded (in PDF format) from the CENIC website at: http://www.cenic.org/NAD_July16.pdf.

Michael Van Norman Replaces Russ Hobby as TAC Chair

On July 3, 2001, CENIC President/Executive Director Tom West announced that Michael Van Norman would replace Russ Hobby as the Chair of CENIC's Technical Advisory Committee.

Michael Van Norman is the Manager of Technology & Development in the Systems Operations unit of Communications Technology Services -- the voice, data, and video service provider for UCLA. In this role, he leads the teams responsible for the technical design and architecture of the campus's core communications (voice, video, and data) networks and services. He has been affiliated with CENIC since December 1997.

QUICK LINKS

[CENIC Today](#)
[DCP Today](#)
[GB Today](#)
[Brochures](#)
[Reports](#)
[Presentations](#)
[Video](#)
[Presentations](#)
[Other Documents](#)
[CENIC Home](#)

Mr. Hobby was the only Chair the TAC has ever had since its inception in 1997. His expertise and unflappable leadership style made the TAC an effective and important part of CENIC. He will be missed by all.

University and Community College System of Nevada Named CENIC Partner Associate

In July 2001, CENIC President/Executive Director Tom West named the University and Community College System of Nevada (UCCSN) a CENIC Partner Associate.

UCCSN, located on the web at <http://www.nevada.edu>, had previously been a CENIC Network Peering Associate. CENIC Partner is the highest level of the CENIC Associates program and provides key opportunities for participation in CENIC programs.

Royal Institute of Technology, SAIC, SLAC added as CENIC Affiliate Associates

This month, CENIC was pleased to add three new organizations as CENIC Affiliate Associates: KTH: The Royal Institute of Technology (<http://www.kth.se>), SAIC: Science Applications International Corporation (<http://www.saic.com>), and the Stanford Linear Accelerator Center (<http://www.slac.stanford.edu>).

Founded in 1827, Kungl Tekniska Högskolan (KTH) is the largest of the Swedish technical universities. Located in Stockholm, Sweden, the KTH is a technical university with first-class education and research.

Founded by a small group of scientists in 1969, SAIC, a Fortune 500 company, now ranks as the largest employee-owned research and engineering firm in the nation. SAIC and its subsidiaries have more than 41,000 employees with offices in over 150 cities worldwide.

Finally, the Stanford Linear Accelerator Center is one of the world's leading research laboratories. Established in 1962, their mission is to design, construct and operate state-of-the-art electron accelerators and related experimental facilities for use in high-energy physics and synchrotron radiation research.

CENIC Affiliate is the basic level of the CENIC Associates program and provides opportunities for participation in most CENIC programs.

DCP Website Now Includes "Implementation Status" Section

Want the latest updates on the implementation of the DCP K-12 Statewide Network? All of the news about the implementation of the DCP is now available through the DCP portion of the CENIC website. Point your browser to <http://www.cenic.org/nid/> to get all of the details.

National Networking News

Idaho Educator's High-Tech Mouse Provides New Model for Computers in the Classroom

An elementary school principal, with help from three university engineering students, has developed a wireless "network mouse" system (called "Mouse-Net") that allows any designated student to control the cursor on a monitor at the front of the classroom.

Each student has a device similar to a laptop power pad and, when selected by the teacher, can use a fingertip to operate the classroom's central computer. Result: Any designated student can participate in a computerized lesson without being at a computer.

The concept is the brainchild of Dennis Sonius, principal of the Morningside Elementary School in Twin Falls, Idaho. Sonius said he has always believed classroom learning could be accelerated if every student could work with the computer just as the teacher did.

"But that meant too many computers in the classroom—you'd run out of space," he said. "And it would be too many wires. I wanted something simple, something that kids could interact with from their desks, and it had to be wireless."

The "Mouse-Net" system, which uses the same kind of communication signal as a cell phone, consists of a unit that enables the teacher to punch in a signal to any designated student and a number of 3-inch-by-4-inch sturdy rectangular devices for students.

Source: <http://www.eschoolnews.org/showstory.cfm?ArticleID=2826>

Almost All US Public Schools Online

New data from the US Department of Education shows that 98 percent of all public schools in the US now have Internet access.

The data, from the Department's National Center for Education Statistics, shows that Internet penetration in US public schools has grown from 35 percent in 1994, 50 percent in 1996, 78 percent in 1998, and 95 percent last year.

Fifty-four percent of public schools allow students to go online outside of regular class times. Of these schools, 98 percent allow students to use the Net after classes and 84 percent allow Internet use before the school day begins. Only 16 percent allow access at the weekends.

Source: Nua Internet Surveys (<http://www.nua.ie>)

Factoid: California Surpasses France to Rank as the World's Fifth Largest Economy

The Los Angeles Economic Development Corporation and the Organization for Economic Co-operation and Development in Paris have reported that California has surpassed France to rank as the world's fifth largest economy. California's total economic output in the year 2000 reached \$1,330 billion, surpassed only by Britain, Germany, Japan, and the entire United States. California's share of the U.S. economy also surpassed the total for half of the smaller U.S. states. San Diego now accounts for almost one-tenth of California's colossal economy. Our neighbor, Mexico, now ranks tenth worldwide, with total 2000 GDP of \$ 578 billion, a figure matched by the Los Angeles metropolitan area.

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.

Subscription Information

You can subscribe to CENIC Today by visiting http://www.cenic.org/pubs/c_today/cover.html or by sending e-mail to listproc@cenic.org with the following request in the message body

subscribe cenic-today youremailaddress

To unsubscribe, send email to listproc@cenic.org with the following request in the message body

signoff cenic-today

Website questions: webmaster@cenic.org

Last Update: December 14, 2004