

BayRICS/CENIC Memorandum of Understanding

Purpose

The BayRICS Joint Powers Authority (BayRICS) and The Corporation for Education Network Initiatives in California (CENIC) want to develop a strategic relationship to foster initiatives whose objectives are focused on improving broadband communications and pursuing common interests to support Bay Area constituencies.

Background

The BayRICS Joint Powers Authority (JPA) was formed to provide leadership and governance of shared communication assets, applications, and for the development of a road map for future decisions and investments in interoperable data and voice communications for the Bay Area's first responders. The JPA's Board of Directors consists of representatives from seven Bay Area Counties: (Santa Clara, San Mateo, San Francisco, Marin, Sonoma, Contra Costa, and Alameda); three "core cities" (Oakland, San Jose, and San Francisco); and four Regional Hubs. The organization's primary mission is to support and improve interoperable public safety communications. BayRICS' authority is to coordinate and manage projects for regional interoperability. Projects will consist of agencies ability to communicate across disciplines and jurisdictions via radio communications systems and exchanging voice and/or data with one another on demand, in real time, when needed.

CENIC operates a facilities based fiber network, primarily in California, for the benefit of the research and education community. The fiber network is supplemented by hundreds of carrier circuits to reach between CENIC's fiber backbone and individual schools, colleges, and universities. CENIC also owns or leases fiber to reach these end customers/members. CENIC was created by the University of California System, the California Community College System, the California K-12 System, the California State University System, and Private Universities (Stanford, Caltech, USC) as a means of leveraging their network resources in order to obtain cost-effective, high-bandwidth networking to support their missions and respond to the needs of their faculty, staff, and students.

Objectives

- Because of the prominence of educational and public safety institutions in the community and the networks that connect them, BayRICS and CENIC want to explore the possibility of using these facilities to improve both wireless and wired broadband communications for their communities.
- BayRICS and CENIC will explore opportunities and develop additional relationships related to the common use of respective infrastructures.
- BayRICS seeks to use the CENIC fiber optic network and radio site locations to improve public safety communications and the safety of CENIC's constituents.

- CENIC desires to use BayRICS networks to extend its network and improve redundancy and the resiliency of its network for the benefit of California's educational systems and to improve access to communications tools that enhance the safety and security of its members and affiliates.

Opportunities

- BayRICS and CENIC both believe that opportunities exist to use the BayRICS networks as a "testbed" for research and development of public safety applications, equipment and other tools that would meet current and future public safety agency needs.
- BayRICS sees opportunities in expanding its network outside of the San Francisco Bay Area to improve interoperable public safety communications and to connect to other public safety networks outside of the State of California.
- CENIC sees opportunities to provide improved public safety communications to its members via collaboration with BayRICS.

Next Steps

- CENIC and BayRICS believe that a strategic relationship presents opportunities for both entities to benefit from the building of the national FirstNET broadband system as outlined in the Middle Class Tax Relief and Job Creation Act of 2012 (HR 3630). And, both parties believe that this relationship could serve as a model for the nation-wide deployment of the FirstNET network. CENIC and BayRICS will explore opportunities for support made possible by HR3630.
- Given the importance of the education community as critical partner in the response to significant emergencies, BayRICS and CENIC wish to explore opportunities to expand the user community of the public safety spectrum.
- Because of the prominence of educational and public safety institutions in the community and the networks that connect them, BayRICS and CENIC want to explore the possibility of using these facilities to improve both wireless and wired broadband communications for their communities.
- BayRICS and CENIC wish to work cooperatively with the Motorola Solutions, Inc., and with the Bay Area Rapid Transit District (BART) and other infrastructure providers to evaluate all available opportunities for sites and backhaul to extend or enhance BayWEB and CENIC systems.

Communications

- CENIC and BayRICS will work together to communicate this collaboration whenever and wherever appropriate and to advocate for this collaboration model's use elsewhere in the State and Country
- BayRICS and CENIC agree to issue a joint press release, with language to be mutually agreed by the parties, announcing the relationship within the next thirty (30) days.

Funding

- BayRICS and CENIC will work together to identify and evaluate funding opportunities in support of mutual goals and services.

Oversight

- All use of the BayRICSnetwork for educational sites will be implemented only after approval of CENIC of the design, in order to maximum benefit of CENIC's services to the educational community;
- All use of the CENIC CalREN network or infrastructure in the seven county BayRICS system will be implemented only after approval of the BayRICS JPA, in order to maximize the benefits of BayRICSservices to their public safety constituencies.

Working Group

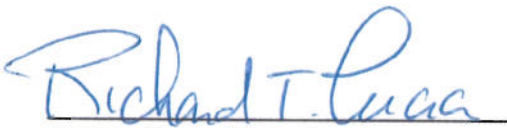
- CENIC and BayRICS will form a working group made up of management and senior engineering staff to begin work within thirty (30) days, to develop an implementation plan with tasks and duties, deliverables, and time-lines for the initial work between the entities.

Non-Binding MOU

BayRICS and CENIC agree that this MOU is non-binding. Either party may terminate this MOU in its absolute discretion at any time. By signing below, neither Party undertakes any legally binding obligation to each other or to any third party.

BayRICS

CENIC



Name: Richard T. Lucia
Title: Chair, BayRICS Authority

Name: Louis Fox
Title: President and CEO, CENIC

Date: 7/13/12

Date: 7-16-12