

## Greetings!

Greetings from the K12HSN team! We have been hard at work providing support to our Node Sites, and implementing connectivity upgrade projects through the BIIG program. Additionally, we are in the process of gathering data to begin reporting for the TAPD program. Read about the progress we've made so far this year and our plans for fall 2019 below.

## K12HSN Node Sites

K12HSN and CENIC have started on the circuit upgrade and renewal projects for the 2019-2020 fiscal year. We are planning several circuit upgrade projects for this fiscal year including two 100Gbps upgrades; one at San Diego County Office of Education and another at Kern County Superintendent of Schools. Additionally, Alpine County Office of Education is receiving upgrades to improve the resiliency of their network.

## E-Rate Training and Support

K12HSN contracted with E-rate consulting company CSM again this year to provide E-rate training and general support to school districts including Broadband Infrastructure Improvement Grant awardees. The E-rate support team is currently in the process of developing a training schedule for 2019-2020 which will include more on-demand training and single topic webinars as the need arises. Check our website for the upcoming training schedule and to access previous training events and materials. <https://www.k12hsn.org/resources/erate/trainings>.

## dataLINK

We are continuing to reach out to school districts asking them to update the connectivity data for their school sites. We are happy to report that over 3,000 records have been updated in 2019. Visit our website to view and update the connectivity data for your school sites, and see how your district compares to the state average. <https://datalink.k12hsn.org/>.

## Letter of Agency (LOA)

Each year, K12HSN and CENIC reach out to California local educational agencies (LEAs), including county offices of education, school districts, and charter schools asking them to join other California LEAs in the statewide consortium led by CENIC by signing a Letter of Agency (LOA). Annually, the CENIC consortium pursues E-rate discount funding for its connections to the California Research and Education Network (CalREN).

With the support of the State Superintendent of Public Instruction Tony Thurmond and the California Department of Education, K12HSN reached out to over 400 LEA's this year asking for participation in the consortium. For more information about the LOA request, please visit: <https://www.k12hsn.org/resources/erate/loa>.



K12HSN has sunsetted its support for videoconferencing effective June 30, 2019. Conferences already on the calendar are supported; however the ability to schedule new conferences is no longer available. Once the last previously scheduled meeting has taken place, the system will be deactivated.

We appreciate support from the California Department of Education during this transition and anticipate seeking a revision in the California Education Code §11800 to remove "statewide support for videoconferencing" from the language that authorizes the K12HSN.

If you have questions or would like advice or direction as to how to proceed with identifying a replacement service, please contact us by phone at (760) 312-6158 or send an email to [support@k12hsn.org](mailto:support@k12hsn.org). K12HSN is happy to provide support during this transition.

# TAPD

## Network Monitoring Tools

As a result of some good fortune with regard to time commitments for staff member Sean Salomon, The TAPD Network Monitoring and Assessment tools will continue to be available beyond the end of the TAPD grant program. These services are being folded into the core services of the K12HSN.

Henry Danielson, Tech Director at Coast Unified School District was an early adopter of the network tools provided by TAPD. K12HSN staff reached out to Henry to find out how the tools have impacted his work.

**K12HSN:** How much has it saved you in cost?

**Henry Danielson:** The network monitoring tool has saved us \$7000 per year since we have discontinued using Solarwinds. Nessus saves us at least \$1000 per month.

**K12HSN:** How much has it saved you in time?

**Henry Danielson:** I would say over 100 hours each month. We are now able to secure our network more efficiently with Nessus and the network monitoring tool gives us real-time data and alerts, it has been very effective.

**K12HSN:** Has it helped you be more proactive with network upgrades and/ or changes to your network?

**Henry Danielson:** Yes. This has helped us determine what is outdated and what we need to upgrade. We had two Windows 2008 Servers that were vulnerable and we upgraded them to Windows 2016. Our web-server was also riddled with vulnerabilities and we changed the entire system to be more user-friendly and much more efficient. It improves our security posture.

For more information about our free network tools, please visit our website:  
<https://www.k12tapd.org/diagnostic-tools>.

## Cybersecurity Education Program (CEP)

The 3rd annual Cybersecurity Education Program (CEP) summit took place via web conference on June 12, 2019. 60 CEP sentinels from various LEAs across the state joined together to see the upgraded features of the program. CEP now offers customizable modules and sentinels have more control over the learning experience at their organization. For more information and to sign up, please visit our website: <https://www.k12tapd.org/cep>.

## TAPD Academy

We are pleased to announce the TAPD Academy has over 300 students enrolled in courses which include Technology Procurement, Wired Networking, Cybersecurity and the newly released Wireless Networking course. The TAPD Academy courses will continue to be available into the future thanks to our partnership with CETPA. Please visit our website for more information and to enroll: <https://www.k12tapd.org/tapd-academy>.

## Junos OS Training Opportunity

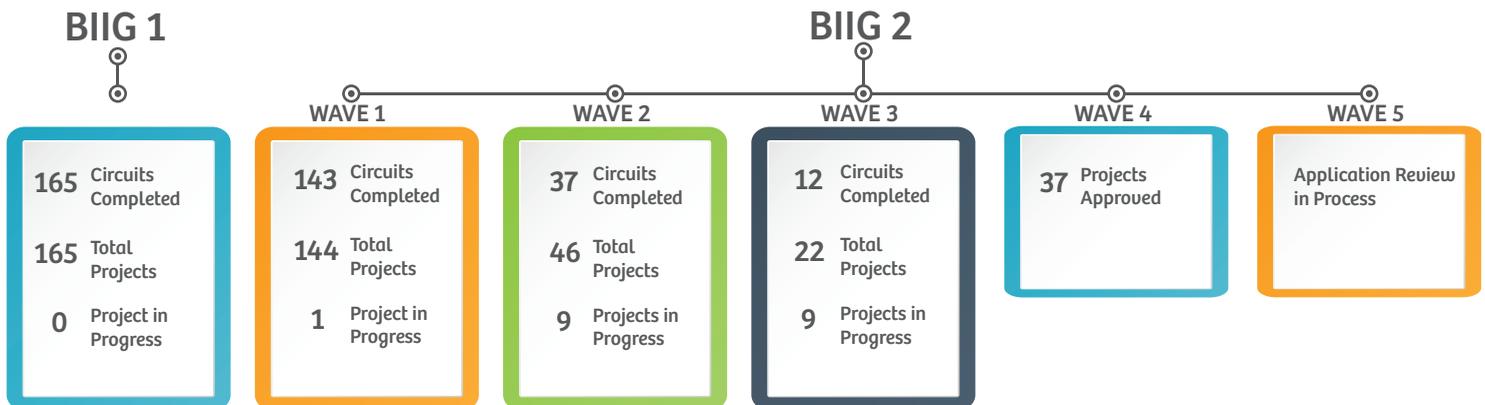
TAPD is offering an excellent Junos OS (IJS) online training opportunity. Students can access the training modules online. The Introduction to Junos OS (IJS) on-demand is brought to you by the TAPD program and Juniper Networks. We have a limited number of licenses available. Sign up on our website here: <https://www.k12tapd.org/juniper-networks>

## TAPD Program Reporting

As the funding for the TAPD program draws to a close, K12HSN is working to collect and analyze feedback regarding the program. TAPD trained over 6,000 K-12 IT Professionals in the past 3 years and we are excited to move on to reporting on the outcomes and successes of the program!

# BIIG

Work on the BIIG 2 Wave 4 awarded projects is now underway and new circuits have been ordered for 37 school sites. BIIG Project Managers Dave Wills and Bob Simon are working with the awarded sites to coordinate service delivery while continuing to work on projects from past waves. See the full list of awarded sites and project status here: <https://sites.google.com/a/icoeapps.org/biig/>. The application window for BIIG 2 Wave 5 closed on August 2, 2019, and the team is now reviewing applications and conducting necessary followup. CENIC will post an RFP for the Wave 5 sites in October.



## K12HSN TEAM

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