

Dec 4, 2017

1:00PM – 3:00PM

Connecticut Education Network - Update

LOB, Hearing Room C, 300 Capitol Ave., Hartford, CT

- CEN Staffing
 - CEN currently has 9 full time staff members, 5 part time student workers.
 - Lead Technical Engineer - Rick Cheung, Started Sept 1, settling in nicely, methodically going through network
 - Position Search – Marking/Publicity – reposted, waiting on UConn ODE approval to interview
- Budget
 - Received \$857,000 appropriation, \$1,000,000 swept per budget passing.
 - Overall impact: net reduction of \$143,000 of OpEx. Original expectations were to receive full appropriation of \$952,907 this fiscal year, \$0 next year.
 - CEN has no margin to absorb reductions or account sweeps in the future.
- Fiscal Year 19 Pricing Announcement
 - Announcement attached. Rates largely remain flat.
 - 3 classes of service defined: 1Gb, 10Gb and 100Gb; multiple tiers/commit rates in each.
 - Most substantive changes are at the full 10Gbps and 100Gbps tiers.
- Value Added Services / Revenue Generation
 - 3 Modality review: Direct, Brokered, Contract Vehicle.
 - Firewall proof of concept (POC) well underway. Cost analysis underway. Full offering availability springtime.
 - Other potential services in concept mode and awaiting member engagement to assess demand.
- CEN Engagement
 - Advisory councils will be setup for direct feedback to CEN. Areas of focus: technical advancement of the network, services and programs, and vendor/on-net provider needs.
 - New website under construction.
- Threat Management / DDoS Mitigation
 - Since July 1, Mitigated 100+ attacks
 - Specifically helped one member - 31 attacks over 3 weeks – Market value = ~\$460,000
 - Investigating options to expand capability and capacity of DDoS mitigation.
- Project - NYC Buildout
 - NEREN Collaboration (RI, MA, VT, NH, ME, NY).
 - Expected: RFP for new ISP services in search of lower rates. Peering to reduce costs.
 - Updated target completion date may be Spring 18. Project delays with service provider have set back the project.
- Project – CT Library Fiber Consortium
 - Project leverages Federal E-rate funds and matching State Library funds.
 - 56 libraries currently participating. 3 phased project across 2 years. Phase 3 project completion expected in May/June 2018.
 - Current project will bring total fiber connected libraries to 136 of 193 (does not include branch libraries).
 - Submitting bid response to new RFP for additional libraries due December 18.

Connecticut Education Network | 860.622.4560 | info@cteducation.net | www.cen.ct.gov

Connecticut Education Network Update (continued)

- New Members/Customers (as of last meeting, Sept 11)
 - Municipalities
 - Town of Old Lyme
 - Public Safety
 - Lyme Fire Department
 - Libraries (in order connected)
 - C.H. Booth Library - Newtown
 - Richmond Memorial Library - Marlborough
 - Cragin Memorial Library - Colchester
 - Woodbury Public Library
 - Minor Memorial Library - Roxbury
 - North Branford Library - Atwater
 - Brainerd Memorial Library - Haddam
 - Killingly Public Library
 - West Haven Public Library
 - Bethel Public Library
 - Kent Library Association
 - Oliver Wolcott Library - Litchfield
 - Norfolk Library
 - Derby Public Library
 - CT State Library – Van Block
 - Hall Memorial Library - Ellington
 - Howard Whitmore Library – Norwalk
 - Norfolk Library
 - K-12 Schools
 - Christian Heritage
 - Open Access
 - Realized Solutions, Inc.
 - The Connection, Inc.
 - TruMobility (Wired Waters)