

Sept 11, 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 September 1, announcement attached.
  - Position Search – Marking/Publicity - reviews complete, waiting on approval to interview.
- Budget
  - Received ½ of the expected state appropriation for FY18; \$0 for FY19
  - Working on 5-year budget forecast looking at costs, consumption, growth, rate/price adjustments, etc.
- Value Added Services / Revenue Generation - 4 modalities:
  - Monetize Existing
  - Expand Direct Services
  - Brokered Services
  - Contract Vehicle
- CEN Outreach Events
  - Oct 12 - CIO/CXO Roundtable - Yale University, Research Focused Topics
  - Re-scheduling - IP Address Management, DNS, DHCP w/ InfoBlox
- Threat Management / DDoS Mitigation
  - The automation of attack notifications moves to production this month. Notifications will be sent to affected members on the initiation and completion of each attack to provide awareness and detailed analysis of each event.
  - Sept 6: largest attack yet – K-12 member, IP Fragmentation attack. 1.7 million PPS, 20 Gbs Flow, for 25 minutes. Successfully mitigated by CEN team.
- NYC Buildout
  - NEREN Collaboration (RI, MA, VT, NH, ME, NY).
  - Benefits: increased ISP & Peering options. Peering reduces costs by reducing commodity internet growth rate.
  - Updated target completion date may be Spring 18; project delays with service provider have set back the project.
- Library Connections
  - This project leverages CT State Library bond dollars and federal E-rate funds.
  - 56 libraries participating. 3 phased project across 2 years.
  - Phase 1: 23 Libraries, 12 online now, 9 scheduling for install of equipment, 2 fiber builds in progress
  - Phase 2: 22 Libraries, 3 scheduling for install of equipment, 19 fiber builds in progress
  - Phase 3: 10 Libraries, 9 applied for E-rate, 5 currently approved, PO to Lighttower expected in early October, Project completion expected in May/June 2018

## Connecticut Education Network Update (continued)

- New Members (as of April 2)
  - Municipalities
    - Somers Fire Department
    - Prospect Community Center
    - City of Middletown
    - City of Derby
    - Town of Eastford
  - Public Safety
    - Middlebury Fire Department
    - Milford Police Department
    - Wallingford Police Department
    - Westbrook Emergency Management
    - Woodbridge Fire Department
    - West Haven Police Department
  - Libraries
    - Ledyard Public Library
    - Levi E. Coe Library in Middlefield
    - Easton Public Library
    - James Blackstone Branford Library
    - Sherman Public Library
    - Scoville Memorial Library
    - Case Memorial Library Orange
    - CT State Library - Library for the Blind and Physically Handicapped (LBPH)
    - Willington Public Library
    - Guilford Free Library
    - EC Scranton Madison Library
  - Universities / Colleges
    - UConn Hartford
  - Open Access
    - Gilbert School Trust
    - XL Center
    - The Bushnell
    - Wall Street Theatre
    - ChimeNet