

K-12 TECHNOLOGY INITIATIVE COMMITTEE MEETING MINUTES

Meeting Date	August 28, 2014
Meeting Location	DSIT – 4430 Broad River Road, Columbia, SC 29210
Facilitator	Kyle Herron
Note Taker	Gay Hoyer
Attendees	Nola Armstrong (SC Telecom. Assoc.), John Bane (DTO), Melanie Barton (EOC), Valarie Byrd (DTO), Don Cantrell (SCDE), James Gordon (DTO), Mark Hinsch (DIS), Bobbi Kennedy (SCETV), Sharron Myers (DTO), Linda O’Byron (SCETV), Charlie Seastrunk, Beth Shull (AT&T), Jane Sosebee (AT&T), Petra Turner (DTO), Marcos Vieyra (DIS), Rick Makla (DIS)

AGENDA ITEMS

Agenda Item 1	Approval of July Minutes	Presenter:	Kyle Herron
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1. Kyle asked for a motion to approve the K-12 minutes from the June meeting. Minutes were approved without corrections or changes.

Agenda Item 2	Presentation	Presenter:	Heather Smith
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1. A presentation was given to the committee of an example of an on-line interactive music program for grades K-5.
2. Some key highlights of the program are:
 - a. A comprehensive on-line Music Program that meets National Music Education Standards and offers a Customizable Curriculum
 - b. Cloud-based technology for the classroom
 - c. Teacher friendly program that saves time by providing pre-built, executable lesson plans and assessments
 - d. Interactive program that engages students and encourages participation in an attempt to achieve greater student comprehension and subject retention
 - e. Provides 24x7 technical support

Agenda Item 3	eRate Status/K-12 Network Status	Presenter:	Valarie Byrd
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eRate News

E-Rate Modernization/FCC Public Notices:

1. Public Notice released 8/12/14 (DA 14-1177): “E-Rate Modernization Staff Report and Online Maps of Schools and Library Fiber Connectivity Data”

Purpose: *“two items designed to provide a concise view of a portion of the large amount of data in the E-rate Modernization proceeding. This is consistent with the Commission’s efforts in this proceeding to provide open, user-friendly data to all parties.”*

 - Data provided to assist interested commenters of the FCC’s current Further Notice of Proposed Rulemaking (FNPRM).
 - Assist in identifying underserved fiber via school and library locations nationwide for the purpose of determining funding for broadband service needs.

State eRate Program Status

2013-14 (Current Year) 07/01/2013 – 06/30/2014 Application

1. Working on Final BEAR submissions.

2014-15 (New) 07/01/2014 – 06/30/2015 Application

1. 360 vendor orders remaining, 53% are due to AT&T’s ASE project.

2015-16 (Upcoming) 07/01/2015 – 06/30/2016 Application

1. (Draft Eligible Services Listing) was released for public comment.
2. Continue to assist SC Department of Education with preparing for the implementation of the federal Community Eligibility Option: CEP (CEO) program transition as it relates to free and reduced lunch data collections impacting the eRate state data file (October 2014) which will be used for eRate Funding Year 2015.

K-12 Network Status (External Broadband Availability Improvements)

1. Conversion for under-served/expensive bandwidth updates for Wireless and MPLS locations is as follows:

The Status of MPLS locations Research:

Districts: Solutions Update

- ✓ Charleston SD-Ethernet Solution – Project completed. *(A broadcast of this Charleston Island schools project will be aired on 09/23/14 via ETV’s Palmetto Scene program)*
- ✓ Orangeburg SD 4-Final Location Ethernet Solution – Project completed.
- ✓ Hampton SD 1 – (All wireless connectivity) potential fiber solution identified and anticipate conversion kick-off summer of 2015.

Library Systems Solutions Update: (25 Library Locations)

- ✓ New vendor service inquiries are still in progress.
- ✓ Metro Ethernet solutions identified for the following Libraries: AHJ Library System, McClellanville (Charleston Library System), Ridgeway (Fairfield Library System), Edisto Beach (Colleton Library System), Orangeburg Library System (1/2 locations via Fiber/Wireless Connectivity).

Bandwidth Allocation Deployment Phase IV-Fiber Placement Opportunities

1. The following districts have completed projects: None
2. The following districts have active projects:
 - Pickens (ETA August)
 - Berkeley Phase IIIb (ETA August)
 - DJJ (ETA August)
 - Dillon 4 Phase II (Awaiting Building Construction)
 - Fairfield (Awaiting Building Construction)
3. The following districts are being evaluated: Marlboro

Agenda Item 4	EOC – General Updates	Presenter:	Melanie Barton
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1. The Governor and General Assembly increased substantially the amount of appropriated funds for technology, focusing on Wi-Fi access, bandwidth and devices. The K-12 Committee, with the understanding that smaller, typically rural, school districts have challenges in finding the expertise needed to plan for, implement, manage and provide security for its current and future technology.
2. Melanie Barton and Kyle Herron sent a letter to Superintendents of districts with less than 3000 students. In this letter; the EOC and the Division of Technology offered these districts the opportunity to participate in a pilot program. The object of the pilot program is to provide small districts the guidance and support to make effective investments in technology before these districts expend any funds expressly appropriated for technology this fiscal year. Interested participants were to respond by August 25, 2014.

3. Up to five school districts, depending upon the availability of resources, would receive the following services:
 - a. Network design assistance, including wireless infrastructure
 - b. Malware protection
 - c. Mobile device management
 - d. Customizable Virtual Desktop Infrastructure (VDI)
 - e. Technology usage reporting (including location)
4. The following eight districts expressed an interest in the pilot: Barnwell 29, Barnwell 45, Calhoun County, Dorchester 4, Hampton 2, Lee, Lexington 3 and Orangeburg 3. Laurens 56 requested additional information.

Agenda Item 5	Network Changes	Presenter:	Sharron Myers
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AT&T Platform Change-outs

1. The AT&T and Bellsouth Merger effective now.
2. AT&T is transitioning Legacy Bellsouth Service platforms to AT&T platforms.
3. At 74% completion with 57 of 77 MIS upgrades to date.
4. At 35% completion with 247 of 700 ASE Migrations to date.
5. Just starting on AVPN migrations with 1% complete with 8 out of 870 migrations complete.
6. All jeopardies have been removed and projects completed on time as scheduled.

Cellular Contract Recast

1. Ruth Kirkland has worked with the cellular vendors to renew all contracts with the exception of Sprint who did not renew because of State Terms.

VoIP Solicitation

1. The VoIP solicitation will be executed around Mid-September 2014
2. Award anticipated by the end of this calendar year.
3. Existing contract expires March 26, 2015 and replacement will coincide with Fiscal Year dates

Agenda Item 6	K-12 Security Project	Presenter:	Mark Hinsch
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1. Project to improve/upgrade bandwidth monitoring software (NTOPNG) on K-12 sensors almost complete. Good responsiveness from development team in Italy. Bandwidth monitoring capabilities and reliability are vastly improved. Next phase will roll-out access / logins to K-12 constituents.
2. Failed Event Processor is limiting K-12 SIEM event processing ability to approximately 350 million events per day. Event Processor for SIEM delayed by manufacturer shortages. After some negotiation, should have an EVP here within a week and installed within two weeks. Once this is operational and logging sources have been balanced, expectations are that events will start peaking over 600 million events per day.
3. New servers are starting to arrive. Creating server images and starting to schedule installations again.

Agenda Item 6	Budget	Presenter:	James Gordon
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1. The amount of all direct appropriations and budget request were revised again and a significant deficient was still present
2. K-12 Partners re-evaluated their individual budget requests and adjustments were made to achieve a balanced budget.
3. The following are the adjustments made to balance the budget.
 - a. SDE line item 8(Professional Development Instructional Materials and Training) had an initial request of \$215, 000; this request was reduced to \$100,149
 - b. SCETV line item 4(StreamlineSC Content Subscription) had an initial request of \$400,000; this request was reduced to \$200,000

- c. Under Pilot Projects there was an initial budget request for \$545,000 for Online Digital Music Curriculum. This amount was reduced to \$262,500 with the following conditions stipulated in order for the pilot to move forward:
- Up to \$262,500 will be available to reimburse schools for a portion of monies paid for Online Digital Music Curriculum. In order for a school to receive this reimbursement, the school must have paid for the subscription. If requirements for reimbursement are met (these requirements will be determined and administered by SDE on behalf of the K-12 Committee) then the Committee will reimburse the school up to 50% of the subscription cost which will be negotiated by SDE. At the end of the pilot, any unused funds will be carried forward for use in the next fiscal year.

Agenda Item 7	Open Discussion	Presenter:	Valarie Byrd
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1. No Additional Items were discussed

Next Meeting	September 25, 2014
Location	Division of State IT, 4430 Broad River Road, Columbia, SC 29210