Summary of the July Webcast for KY K-12 Education Technology Leaders from the 300 Building, Frankfort

In case you missed it or want a refresher, the following is what we talked about during the July 16, 2019 webcast from the 300 Building in Frankfort.

Access the digital video and audio copy for this webcast through our webpage at:
https://mediaportal.education.ky.gov/featured/2019/07/edtech-july-2019/

Public viewing of the archived webcasts and written summaries are also available on the KDE Media Portal at: http://mediaportal.education.ky.gov/. Numbers in **RED** indicate the timestamp for that portion of the discussion so it can be easily located on the full digital recording.

In attendance from KDE's Office of Education Technology were Mike Leadingham, Phil Coleman, DeDe Conner, Marty Park, Robert Hackworth and Chuck Austin. There were three GoSoapBox questions posed during today's webcast.

(**1:15**) **Board of Education Materials Update -** The SY2019-2020 edtech needs for KY K-12 will be presented to the Kentucky Board of Education (KBE) in August and then the School Facilities Construction Commission (SFCC) in September. We bring these items before the board annually in either their June or August meeting. Below is a short summary of the full discussion; if you would like the detailed explanation of the board materials, please follow the audio using the links provided above.

The first staff note explains our KETS operational needs. We established our ongoing need of $366M annually and there is a funding gap of approximately $100M. The projected need for each year is based upon the analysis done using all of our technology reporting and included in our current KETS Master Plan. It is important to recognize that we always have and will always have an operational need based upon the total cost of ownership that includes the costs to sustain and maintain an effective technology program. We can address and respond to any questions through the KETS field staff. One good add for this year is that our district technology plans are now even more closely aligned to our KETS Master Plan.

The second staff note requires the KBE's approval to disburse our KETS Trust Fund allocation of $15.4M. The attachment, the KETS Operational Plan, lays out the specific allocation of KETS resources as well as other local, state and federal resources that can be used toward education technology. The draft KETS Operational Plan was covered in detail and the full packet of board materials will be made available once they are finalized for the August 7th board meeting. It was pointed out that our KETS allocation has been reduced through budgetary reductions from $19.2M to our current allocation of $15.4M. An additional budget request to restore and increase our overall funding to meet operational needs is being prepared and we hope that the KBE moves that forward as a legislative priority in the upcoming legislative/budget session. Every effort is made to maximize and be good stewards of taxpayer funds in supporting the KETS program. Your voice and education to local leaders/legislators is very important to the continued success and funding of our KETS program.

The KETS offers for SY2019-2020 are estimated at $19 to $22/ADA and we feel confident that you can budget and plan for a $21/ADA KETS offer.

The KETS Infographic attachment was presented and we encourage you to use this in educating district leaders and legislators. All of the data depicted in the infographic is excellent but three major points were highlighted:

1. We now have more district-owned, student devices than we have students!

2. We also now have an average of 260 kbps of bandwidth per student available through statewide fiber network service. It is clean, quality bandwidth and we make adjustments to this on a district by district need basis.
3. Home access continues to be an area of importance; our current statistics are much improved and we collect this information in a variety of ways.

The July 2019 KETS Timeline was presented with particular focus on the additions made from 2017–2019. It is an excellent historical emphasis of the KETS successes since its inception in 1992 and we would appreciate your feedback on this and any of the other board materials covered today.

(48:41) Data Security Updates – Robert Hackworth provided a brief update on the following security initiatives:
1. Information was shared at the recent KETS vendor partner meeting to educate them and warn them on the more recent phishing and scam attempts where purchase orders and vendor information is being used.
2. The KY K-12 Cybersecurity Advisory Committee is meeting to work on password minimum requirements for the KY K-12 adult accounts and he will be sharing some of their findings and recommendations in the near future.
3. Reminder of the Annual Cybersecurity Healthcheck - As required by 702 KAR 1:170, the annual cybersecurity healthcheck is due to be completed no later than August 31st annually. This is a great opportunity to educate your board and also discuss security concerns at a district level. Keep in mind the confidentiality of the data being discussed and determine the best method for sharing this with your local boards. Feel free to reach out to Bob with your questions and concerns.

(52:31) Thanks to Woodford County – We just wanted to take a moment and recognize Woodford County. The local paper ran a story about not only some network improvements within the school district. They took that opportunity to inform/educate folks that all KY school districts are already connected to the Internet and KY was the first state to do this well over two decades ago. This is a good example for other school districts to use as we look at ways to educate, promote and recognize our successes.

(53:43) E-rate 2 Notices of Proposed Rulemaking – There are two proposed rule makings right now from the FCC. The funding level/cap of the Universal Service Fund is proposing some consolidations and E-rate is one of the four discussed. We have concerns with this consolidation and we encourage you and our vendor partners to become familiar with these recommendation and get your comments back to us through the field staff as soon as possible in order for us to meet the filing deadline for comments of July 29, 2019. The second one is specifically about the category 2 funding structure and the approach that will be implemented moving forward.

KDE is preparing and coordinating appropriate KY K-12 responses, encouraging districts to submit individual responses and to provide points of emphasis that should be included in the KDE K-12 response while also reviewing responses of national organizations to ensure KY K-12 is represented appropriately.

(59:19) Contracts/Bids Updates –
- Educator Certification and Ethics System RFI –
    - Published 7/3/19 by FAC on behalf of KDE, with initial clarifying questions due back from interested vendors on 7/9 and deadline for vendor responses of 7/31/19.
    - The purpose is to obtain information and suggestions regarding the acquisition of an educator certification and ethics system for the Commonwealth.
- KETS Printer Contracts – This KETS contract expired 6/30/19.
- District Lease Reviews –
    - KRS 65.944(1)(b) and 702 KAR 3:300 establish the requirement and procedures for school district leases in excess of $100,000 to be approved by the Commissioner of Education and to this effect KDE has established a process.

- o Effective 7/9/19, any district lease in excess of $100,000 that has been signed and executed without KDE review and approval must include that notice and an explanation of how that occurred within the superintendent's letter to KDE that accompanies the lease package.
  - o KETS field staff will be taking a more active role in the lease approval process. We have found that some technology-related leases have gone through the approval process without any CIO involvement.
  - o It is especially important from a time perspective, to get lease requests in up to two months in advance for E-rate filing purposes.
- Phone Systems – We have voice solutions contracts that are aging and expire in early 2020 and want to provide the best strategy moving forward. We are currently recommending that we let the current contracts expire and move forward with a very specific set of guidelines and technical standards for voice solutions. Districts will have the ability to utilize existing state contracts or negotiate their own contractual services using the guidelines and technical standards in place. This will also eliminate the waiver process and remove the product standards.
- OET's annual vendor partner meeting - This meeting was held July 15, 2019, and we had over 70 participants for this online-only meeting.

(1:06:58) Chief Data Officer Update –

Category	Description

Data	- 2018-19 School Report Card –
	   o Set up for SRC users is different for 2019
	   o School Safety opened to districts for review/approval July 15th
	   o School Collection Tool opened July 15th and will close August 30th. Ben Maynard is the point of contact for the technology-related questions.
	   o Non-accountability data on schedule to be open for district review August 7th. Review/approval period will close September 6th
	   o QA day for accountability date is TBD.
	   o Planning for fall release in late September.
	   o Resources available – KSIS SRC Resources

KSIS	- Beginning-of-year training conducted July 11 with 133 registered participants. Registration and completion of the post-training survey is required to receive EILA credit for participation. - Additional Campus release in July - Campus.1929 will be deployed on July 31st to avoid impacting first weeks of school in August. - Single sign on – statement of work approved – Infinite Campus ticket created – target date 1/1/2020. - Data visualization district advisory group met in July. Received valuable feedback and plan to move forward. - Infinite Campus invoices mailed in May – payment is due no later than August 15th.

1. Has your district processed payment for the Infinite Campus annual renewal?

25 responses recorded

CHOICE	VOTES	%	
Yes	13	52%	
No	4	16%	
I don't know but I'll check	8	32%	

(1:13:28) KY K-12 Firewall Upgrade in 172 School Districts Update - Silver Grove Independent officially combined into Campbell County schools last week, so there are now 172 KY K-12 districts. In 1972 there were 190 KY K-12 school districts. We continue to be diligent and proactive in securing our network. The firewall upgrades have begun these are being completed in groups.

(1:15:00) KY K-12 Internet Pipe Update – Our current Internet pipe interface will be upgraded to 200 GB to help address the Internet demand of KY K-12 students and teachers. This increase will undoubtedly make it one of the biggest Internet pipes, either public or private, in the nation/world. We don't have an exact date yet, but we will be moving from an 80 GB to a 200 GB Internet pipe interface for KY K-12.

(1:17:13) Education Week Magazine Update – We spent just a moment reviewing the five big challenges faced by Edtech leaders and we encourage you to read the entire article. As a quick summary, they are (1) Beefing up cybersecurity, (2) Budgeting on a shoestring, (3) Leveraging data to drive instruction, (4) Breaking down information silos and (5) Improving edtech training and PD for teachers and leaders. Numbers 3/4/5 are very heavily linked and all of these are addressed in our current KETS Master Plan.

Chuck addressed a few items that are coming up quickly and will all be under the umbrella of interoperability. There are many things coming at our education technology leaders and we will have more details and directions very soon.

2a. Has your district considered moving forward with implementation of Multi-factor Authentication (MFA)?

27 responses recorded

CHOICE	VOTES	%	
No plans	3	11%	
Looking at it	20	74%	
Already using it	4	15%	

2b. Has your district considered moving forward with implementation of Self-service Password Reset (SSPR)?

29 responses recorded

CHOICE	VOTES	%	
No plans	1	3%	
Looking at it	20	69%	
Already using it	8	28%	

The next KY K-12 CIOs/edtech leaders' webcast will be on the 4th Tuesday of August, August 27th, at Grayson County schools versus on the 3rd Tuesday on the month that we normally have our webcast.

Take care and good luck as students are returning to the classroom!