Spring Leadership Conference | 2017

WIRELESS NETWORKING
April 26, 2017
Holiday Inn by the Bay • Portland, ME
Enabling Next Generation Wi-Fi in Today’s Schools

Michael McKerley, CTO and Vice President – Education Network of America

Wi-Fi is an incredibly powerful resource that connects our students and educators to today’s diverse and global digital learning landscape. It is used in our schools, homes, libraries, and many of our public spaces. However, it is also an incredibly complex technology. Designing, deploying, and maintaining a successful WLAN is no easy task and unfortunately, simply adding more access points isn’t the answer to delivering seamless and robust connectivity. Respected Wi-Fi expert Michael McKerley has put together a list of some of the common myths and realities surrounding current Wi-Fi networking products and services. During his informative presentation, he will outline these myths and discuss the steps Maine’s school districts should consider when evaluating WLAN technologies to support their digital learning environments. During his informative presentation, he will outline these myths and discuss the steps Maine’s school districts should consider when evaluating WLAN technologies to support their digital learning environments.
Workshop Descriptions:

**Comparing Wireless Technologies & Vendors | Sessions 1 & 3**
This session will take a platform neutral look at today’s wireless technologies and what is right for your school. We will look at the leading vendors and do a comparison of different architectures, models, and feature sets. This session will also provide the opportunity for participants to share their own experiences in a round-table format.

**Smart Wireless Campus and Best Practices in K-12 | Sessions 1 & 4**
Computer-based learning is far more engaging to today’s tech-savvy students than outdated textbooks. As a result, digital learning is gathering momentum in schools across the world. This places new pressures on school wireless LANs (WLANs). This session explores the top 10 things you should consider when choosing a WLAN to support your digital learning initiatives.

**Customized Wi-Fi solutions Created for Today, Engineered for Tomorrow**
ENA Air, ENA AdvantEdge and ENA Wi-Fi Professional Services

**Why Cloud-Based WiFi is a Good Option for K-12 | Sessions 1 & 3**
Learn why schools are turning to cloud-based wireless solutions. With its scalability, flexibility, ease of management, and lower upfront costs, cloud-based Wi-Fi can address schools’ needs today while providing a path to support tomorrow’s bandwidth and endpoint security requirements.

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**Workshop Descriptions:**

**E-Rate 101 | Sessions 1 & 4**
CDW-G has the experience to help schools maximize their E-Rate funding. In 2014, the program was modernized to better support the ever expanding demand of connectivity in K-12 School Districts. We’ll go over the basics of the program, with a focus on Category 2 or Internal Connections.

**Wireless Architectures and Best Practices in K-12 | Sessions 2 & 3**
A guide to the various wireless architectures available, along with factors to consider when planning an implementation of best in class Wi-Fi networks.

**Overview of E-Rate and Wi-Fi Options | Sessions 2 & 3**
This workshop will present and overview of the E-Rate application process and identify Wi-Fi components that are eligible for E-Rate funding. It will be offered by Anne Perloff, Maine State E-Rate Coordinator for Schools.

**Discover Mobile Device Management technologies that are driving the Internet Of Things | Sessions 2 & 3**
This workshop will present an overview of the E-Rate application process and identify Wi-Fi components that are eligible for E-Rate funding. It will be offered by Anne Perloff, Maine State E-Rate Coordinator for Schools.
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Ruckus Wireless  |  www.ruckuswireless.com
Ruckus Wireless was originally founded in 2002 to develop equipment that would use Wi-Fi to run entertainment-quality video simultaneously to all the TVs and computers in a home. Ruckus’ technology expertise now extends well beyond Wi-Fi. With its OpenG technology, Ruckus is again a pioneer, working to build an ecosystem that will enable organizations to self-deploy LTE coverage in the same way they deploy Wi-Fi today. And Ruckus Wi-Fi itself is now much more than super-fast connections, it’s a platform for a host of capabilities—like location analytics and engagement technology—that can reduce cost, increase efficiency, improve customer loyalty and increase revenue. For more information contact Russ Cook at Russ.cook@ruckuswireless.com

Systems Engineering  |  www.syseng.com
Systems Engineering has extensive experience providing information technology solutions to hundreds of northern New England school systems. We help school systems leverage IT to manage growth and streamline internal operations. We work to minimize operational risk while aligning IT with your goals to achieve academic and operational excellence. As your IT partner, SE is committed to providing the highest level of support and services to your students and teachers. Visit syseng.com to learn more.

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Whalley Computer Associates, Inc. (WCA) is one of the largest technology providers in North America (Top 1%). Founded in 1979, WCA provides all of the products and services that you would expect from a World Class technology partner to companies of all types and sizes as well as schools, colleges, state and local governments and agencies. For more information contact Jason Shelander at js@wca.com or call 508.468.9705

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Wi-Fi

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