



AN EBOOK FOR **K12 LEADERSHIP**

IMPROVING
COLLABORATION
USING **MEETING
ROOM TECHNOLOGY**

FEATURING AUDIOCODES DEVICES & SOLUTIONS

Introduction

The delivery of education of our children experienced a systemic disruption in response to the pandemic. It came with some positives and of course some downside. Leaning in on the glass being half full, we can see what was accomplished in the new conditions educators and students were navigating. First, K12 finally got students on a 1:1 ratio for devices to better prepare them for the world we are living in. It was accomplished with grant funding that would never have been there had there not been the mass closure of schools required by government mandate. With these limited time funds, students were provided for and now districts are at the place where they need to assess what is still left to be done to move education forward using 21st century technology.

Districts maximized their adoption of student information systems to provide a central system for communication, information, and content that students can access anywhere. No more lost worksheets or notes from the teacher in the backpack. There was a real connection with the learning team of teacher, student, and the student's parents/guardians. As leadership in IT for the school district, there is a lot more infrastructure to manage as it stands today, and any new technology adoption needs to close the needs gap in ways that are easy to deploy and manage with the limited resources the department has to work with.

IT is now finding ways to take care of the support system of the district who went without because of the need to use every penny to support the student. The core (administration and staff) of the organization now needs to add to their infrastructure to match the endpoints (students) they support.

Table of content

PAGE 4-6

Administrator Collaboration needs better technology

PAGE 7-8

Emergency response meetings

PAGE 9-10

Teacher Collaboration For Student Intervention

PAGE 11-12

Hybrid Classrooms in a Post-pandemic setting

PAGE 13-14

Considerations for Upgrading to IP Telephony

PAGE 15-16

Understanding the importance of device management and performance management tools

PAGE 17-18

Understanding how audiocodes solutions fill the need in education technology expansion

Bring Teams Together Without Lost Time Traveling Between Facilities



FEATURED **TECHNOLOGY**

RXV81 using Microsoft Teams

Administrator Collaboration needs better technology

IT leaders are relied upon to be thought leaders in technology integration in the school district. It falls to the department to assess, procure, and deploy the technology required to meet the needs of administrators, teachers, support staff, and students. The research and preparation for budgets must be in concert with buy in by district leadership to support this expansion and any governing body who will approve the expenditures.

With students back in the classroom, IT is tasked to support the new technology needs for administration to meet post-pandemic goals.



Historically, collaboration amongst leadership occurred in a conference room or large meeting room with participants leaving their buildings to be available to participate in on-site meetings. It is time in the car, time away from their teams and students, and time that needs to be scheduled in advance to avoid disruption.

Since technology allows for more real-time collaboration and revision with online meeting spaces and document sharing capabilities, more can be accomplished with the added benefit of having leadership embracing technology as a "lead by example" practice.

Having participants on video allows meeting moderators to assess engagement and consensus on critical topics the same way sitting at a conference table solicits that same feedback. Setting the expectation that all cameras need to be on will set the appropriate tone for the meeting and get the same desired outcome for the agenda at hand.

Having an established platform for online meetings also shows leadership embracing technology to deliver positive educational outcomes. Whether the meetings are focused on curriculum, policy, budgeting, emergency management, or any other number of pressing district issues, it is important to be able to take the opportunity to show a commitment to leverage technology for the sake of efficiency and economy.



When Time Is Of The Essence: Emergency Meetings



FEATURED TECHNOLOGY

RXVCam50M



RXVI00



RXVCam50M Camera with RXVI00 Hub
in a Teams Meeting



445HD IP Phone

Zoom Phone platform (this device is able to utilize the discreet call function for emergency situations)

There are times where there is no time to wait: Emergency Response Technology

Whether it is hurricane season or blizzard season where you live, there is a need for emergency preparedness meetings. Having the internal setups to pull in emergency resources for collaboration to make critical operational decisions is a must for today's districts. In today's real-time response society, there is a lot more transparency expected when making decisions that can impact student and staff safety. It is important to have the technology in place to collaborate within the organization and external community departments such as police, fire, and even public works to determine impacts of inclement weather on school operations.

Schools have also partnered closely with external organizations for student safety initiatives. Whether it is violence prevention in schools or responding to the district's results of the Federal Youth Risk Behavior Survey, there is a need to work with external resources to address external influences that impact the school environment and student safety. Requiring those meetings to occur on campus limits the availability of experts who can bring resources to the district to respond to the safety of students while in district and at home.

AudioCodes recognized the need for functionality in classroom phones to respond to sensitive emergencies. We have designed a feature that allows schools to program a button that does not show an active use of the phone but calls security and opens the microphone so they can hear everything that is happening in the classroom. With that, security will be able to monitor and respond to the emergency without the intruder's knowledge.

Teachers are now collaborating more
online with

Families and resources for student intervention

FEATURED **TECHNOLOGY**



RXVCam10 with RX15 Speaker
for use in parent conferences and IEP meetings

Teachers are Using Technology for Student Intervention

Since COVID-19 drove a nationwide remote learning environment, teachers have been leaning more toward utilizing technology in their roles. One important area is collaboration with parents and specialists to identify individual student needs in a collective partnership to improve outcomes. Gone are the days where parents were called in to a meeting at the school to review student work or classroom engagement to develop action plans. Even the bi-annual parent/guardian-teacher conferences offered to all families have a remote option. Parents/guardians are often taking that option to be able to attend with their at-home or work responsibilities.

Students with IEPs (Individual Education Plans) can more easily hold a team meeting to collaborate with all stakeholders on additions and adjustments their student needs to allow for progress and measurement. Bringing in parents/guardians, councilors, specialists (internal or contracted) and other members of the team can create timing prohibitions to address immediate needs.

Since the pandemic, there is far less flexibility to send a student to school who is under the weather. Managing student needs for illness can be alleviated with classroom infrastructure designed to create learning assets for students who missed class. This content can also serve students who were in class and would benefit from viewing the class lesson later as a study tool for reteaching and reinforcement of the content. Using content cameras to capture the content on the board and cameras/speakers to gain quality audio and video of the lesson plan will provide added tools to improve understanding and retention of the subject matter.

Are you considering offering hybrid learning for

students who are not able to come in to attend classes?



FEATURED TECHNOLOGY



RXV81 for remote learning and 445 IP Phone for desk phone

Hybrid Classroom: Is there still a need for it post-pandemic? There's a case to be made for it.

For many districts, the return to the classroom was a relief for many reasons. There was a need to get students back on track for learning at a vigorous level and offer the individualized instruction to meet the student's needs to comprehend and master content.



The use of tools to create a remote-learning environment is still valued for many as it allows students who need to be remote the opportunity to see the lesson plan delivered without trying to recover the information via independent study. Recording these lesson plans utilizing meeting room technology allows teachers to provide study materials to their students who need to review the content a second time or need to view it at a time other than when it was presented in class. The ideal setup would be to mount a full meeting room device (we would suggest the AudioCodes RXV100) over the first row of desks (to protect student privacy) and a tv monitor to the back wall of the room to view students participating live although remotely.



FEATURED TECHNOLOGY



C470HD IP Phone



435HD IP Phone



C450HD IP Phone
with Expansion Module

As you are upgrading your technology, integrating migration to a native Teams or IP phone platform

Whether you are looking to find an easy to manage technology to migrate to support e911 technology requirements or looking at a platform to bring all staffers to a phone platform that supports true collaboration options, IT directors are compelled to find phone systems that are easy to deploy and manage with a lean support staff.

Today's phones provide more than a switchboard to users and are still the critical communication device for everyone from administrators to teachers to support staff. Phones can now offer more than just a calling platform and can be used for easy connection to meetings such as Teams.

Bringing devices to every user in the facility utilizing the same platform offers IT staff an easy way to train, support, and troubleshoot on one consistent platform.

Tools available to Support Lean IT Departments Supporting Multiple Facilities



FEATURED **TECHNOLOGY**



Device Manager Dashboard & OVOC

Device Manager Dashboard & OVOC (One Voice Operations Center) Dashboard
for remote management

It's not just devices to plan for, it's the platform to support the technology with a centralized, lean IT staff

As much as IT departments want to thrust their facilities to the cutting edge of the 21st century, there needs to be consideration for deployment, management, and maintenance of the technology deployed. Bringing in device management tools and performance dashboards allow IT to monitor and troubleshoot endpoint devices from an intuitive to navigate platform. You will want to be able to monitor call quality, per device setup (see if they are connected and if it is a bundle solution you want to see if all components are connected to each other).

The goal is to have the devices tell you how they are performing and limit or eliminate the need to send staff to get the devices up and running.

Another consideration is the deployment of updates. With technology performance and security, firmware updates are standard procedure for devices. Making sure you can deploy centrally updates to support your technology's reliability and security is essential. Having tools in place to manage these efforts in an environment with a number of buildings and rooms needs to be a priority when choosing devices.



ABOUT US

ac audiocodes

AudioCodes is the only company that offers all areas of telephony infrastructure.

As you are looking to engage with a partner on infrastructure improvements, we welcome the conversation with you to assess your needs and your goals for the future. AudioCodes prides itself in being a technology provider that has the end-to-end expertise to assist you in your collaboration goals. We have programs to support you in your procurement and deployment for your entire organization.

For more information or to speak with a member of our team to review your specific goals, please [click here](#).

Shannon M. Barnes
Product Marketing and Field Manager, North America

shannon.barnes@audiocodes.com
phone: 732.764.5728 mobile: 603.377.0280

