

KG COMMUNICATIONS

# Advancing Education through Enhanced Communications

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## 21st Century Integrated Communications

**Presenter**

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This document describes a new, integrated approach to voice and data communications for the school district environment that provides technological leading-edge capabilities, on campus and off.

# Advancing Education through Enhanced Communications

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Today's schools continue to face tough challenges with ongoing budget cuts, higher student/teacher ratios, and demands for increased security to keep students and faculty safe. KG Comm-powered PTT delivers enhanced instant communications technology to help faculty stay connected in classrooms, dispatchers in touch with bus drivers, and administrators able to easily reach maintenance personnel and custodial staff. KG Comm-powered PTT works across the latest cellular networks (including 4G LTE, 4G HSPA+, and 3G) and Wi-Fi – ensuring secure network coverage and real-time connectivity across campus settings and along student transport routes — requiring just one device for both PTT and access to mobile broadband data. Now that is inspired thinking.

## Changing the Education Experience

While many schools have moved to a 21st century learning model powered by robust communications technology, others are still grappling with fragmented legacy voice and data communications systems including old PBX/Centrex, intercom/paging, and two-way radio systems. KG Comm-powered PTT delivers a complete communications solution for schools of all levels – including K-12, colleges, and universities – by integrating instant voice calling, group communications, broadband data, productivity applications, and administrative processes – all onto a single robust mobile platform. KG Comm-powered PTT runs on mobile handsets and a Windows PC client so that all functions of a school's operations are able to seamlessly communicate using the same infrastructure. KG Comm-powered PTT makes education more accessible.

## Smart Choices for Education

KG Comm-powered PTT provides a Web-based corporate administration tool that enables dynamic creation or updating of contacts and talk groups that are synched to devices wirelessly and in real-time. All functions within a school can leverage KG Comm-powered PTT — teachers, administrators, bus drivers, dispatchers, and maintenance crews — to communicate instantly with a broad range of devices and purpose-built PTT accessories for hands-free use in dynamic environments and mobile conditions. Show your brilliance by choosing KG Comm-powered PTT.



## Bus Drivers



Providing safe and efficient transportation for students and faculty is a critical priority for schools of all sizes. The ability to seamlessly communicate inside and out of the campus environment is a key requirement to keep bus drivers connected to dispatchers and school administrators, especially in the case of an emergency.

KG Comm-powered PTT works across 4G LTE, 4G HSPA+, and 3G cellular networks, and Wi-Fi helping to ensure real-time connectivity across campus settings and along student transport routes. KG Comm-powered PTT also supports a broad range of devices and accessories designed for mobile environments, vehicle mount kits, hands-free, noise canceling, and enhanced audio headsets, earpieces, and remote speaker microphones.



## Dispatchers



The ability to communicate in real-time regarding driver location and student pick-up and drop-off status can greatly enhance personal safety, increase efficiency, and improve overall productivity. KG Comm-powered PTT offers a Dispatch Console so that a dispatcher can make PTT calls directly from a Windows PC equipped with a microphone and a speaker.

KG Comm-powered PTT also offers the supervisory override feature, which assigns pre-emptive talk priority to faculty and dispatcher, or anybody else designated in a supervisory role. This feature is essential for communicating during emergency situations such as security threats or traffic accidents.



## Security



Today's schools are required to be prepared for the possibility of serious incidents and security breaches including cyber terrorism, bomb threats, school shootings and hostage situations. School security personnel need the ability to quickly connect across a variety of communications systems that are vital to protecting students, faculty, and school property.

With KG Comm-powered PTT, security personnel, administrators, and local authorities can seamlessly communicate to report and address emergency situations using just one device that interoperates with existing LMR systems and works across an extensive network including 4G LTE, 4G HSPA+, 3G, and Wi-Fi. With sub-second call set-up time and real-time presence, PTT users are able to see who is available and instantly connect during a crisis. Teachers can use their personal smartphones to communicate with administrators and staff that have school-supplied devices by simply downloading and activating the application, enabling the entire school staff to stay connected. KG Comm-powered PTT also supports a series of discrete PTT accessories including remote speaker microphones and earpieces.



## Maintenance/Facilities/Custodial



School maintenance technicians, facilities managers, and custodial staff oversee a variety of functions including engineering, property management, inventory control, and overall cleaning and maintenance of school grounds and buildings. Having the ability to reach the right person or group at anytime and anywhere to communicate business status and updates is a key priority.

With KG Comm-powered PTT, facilities managers can stay connected with school administrators, custodial staff, grounds keepers, and maintenance technicians with the added convenience of GSP location tracking and a centralized contact management tool which supports contact lists of up to 1000 users and up to 100 groups, with up to 250 group members. In addition, maintenance staff and school administrators can easily communicate across a variety of devices including low-cost feature phones, smartphones, Wi-Fi only handsets, and Windows-based personal computers.



## IT Personnel



Delivering on the promise of 21st century education and the connected learning experience falls squarely on campus IT departments across the country. Whether deploying a video-based security system, ensuring Wi-Fi network access, or supporting BYOD, IT personnel are faced with a number of challenging decisions.

Carrier-deployed KG Comm PTT offers a simple solution when it comes to instant communications, by eliminating the need for complex on-site PTT system installation, in-house network management, and maintenance of two-way radio systems. KG Comm-powered PTT provides a Web-based corporate administration tool that enables dynamic creation or update of contacts and talk groups, which are synched to devices wirelessly and in real-time. Now that is academic achievement.



## Principals/Administrators



Today's principals and school administrators are faced with significant budget cuts while addressing an increasing number of priorities including maintaining or increasing academic performance, improving operational efficiency, and ensuring student and faculty safety.

Having the ability to quickly communicate, obtain information, and make decisions are critical to making the grade. With KG Comm-powered PTT, school administrators, faculty, administrative staff, drivers, dispatchers, and maintenance personnel can seamlessly communicate using a single device over 4G LTE, 4G HSPA+, and 3G cellular networks and Wi-Fi. That's just using your smarts.



## PTT for Every Role

