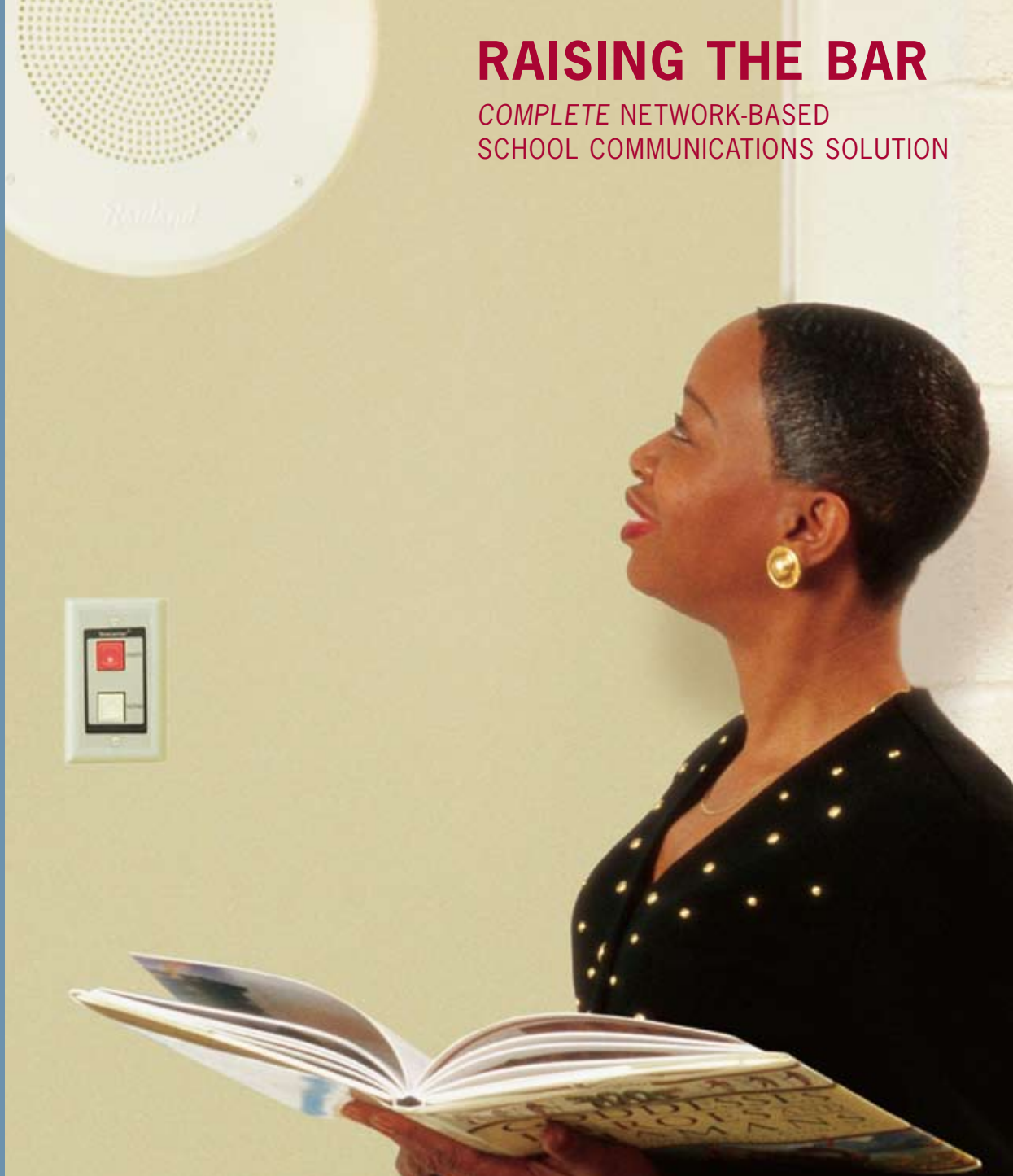


# Telecenter<sup>®</sup> VoIP

Advanced IP-Based Intercom and Mass Notification System



## RAISING THE BAR

COMPLETE NETWORK-BASED  
SCHOOL COMMUNICATIONS SOLUTION



### Voice Over IP Technology for:

- Distributed Architecture
- Intercom & Paging
- School Safety
- Emergency Tones
- Synchronized Clocks
- ... And Much More

## All the Features You Demand in an Advanced School Communications System

Rauland-Borg's Telecenter VoIP system is a revolutionary concept for schools and districts – a network-based solution to address all the day-to-day communications that keep schools running efficiently and safely. It lets teachers and students focus on what matters most - *learning*.

Schools have communication needs that are unique. That's why Telecenter VoIP offers easy **access communications** for the entire school - **every classroom, every hallway, every corner of your campus**. When emergencies happen, Telecenter VoIP allows teachers and administrative staff to respond quickly. Combining one touch call, paging, emergency tones, security monitoring, hands-free intercom, and more, Telecenter VoIP provides the communication and information options schools need.

Telecenter VoIP integrates easily with any telephone system – VoIP (SIP or H.323), traditional trunk ports, or stand-alone administrative consoles. Information is passed easily from Telecenter VoIP to telephone devices without special or proprietary integration. The benefits of this integrated network design include:

- Emergency events activated with a single press of a button
- Pre-recorded real-time pages to notify everyone instantly throughout your facility
- Hands-free intercom allowing teachers to respond from anywhere in classroom
- Reduced installation and maintenance costs by leveraging the data LAN and standardized Category 5 or better cable to support classroom speakers, calls switches and clocks

## Keeping Everyone Informed

### In the Front Office



- **Streamline communications** and minimize front office “traffic jams” with simple step-saving features. One-touch intercom communication with classrooms eliminates waiting for a ringing phone to be answered while minimizing classroom disruption.
- **Administrative phones visually display important call information**, including room, number, name and call priority. It's like “caller ID” for intercom. Every call is important and with caller information before you answer, you're already one step ahead.
- **Automatic call routing** allows administrators to be mobile within their facilities while still staying connected. Calls can automatically route to wireless phones or cell phones carried by administrative staff.

### In the Classroom

- **Hand-free intercom** from a strategically and securely mounted speaker lets teachers respond to administrative staff from anywhere in the classroom, and then immediately return to their students.
- **Audio priority** guarantees that paging, tones, and intercom to the classroom automatically takes priority over other classroom audio. If your school's classrooms include a separate sound system that amplifies the teacher's voice and/or a video projector, Telecenter VoIP can automatically mute the classroom audio to ensure paging announcements, tones, and intercom are always heard the first time.
- **One touch calls** mean there are no numbers to dial or redial to get assistance; allowing faculty to get back to instruction or to immediately attend to an emergency situation.
- **Automated call forwarding and announcing** assures that no call goes unanswered. Calls are automatically re-routed after a pre-set number of rings to another administrative phone, cell phone, or overhead paged to a specific group of speakers in a staff area or throughout the entire facility.

## A Flexible and Uncomplicated Application for Your Data Network



Not all schools within a district have the same level of technology or telephone systems. With Telecenter VoIP, even the most traditional school building can have the same advanced features and options as the most modern. Special equipment is not required, since the system works stand-alone or with any phone system. In retrofit installations, existing speakers, call switches, paging amplifiers, and wiring can often be reused saving even more in installation time and money.

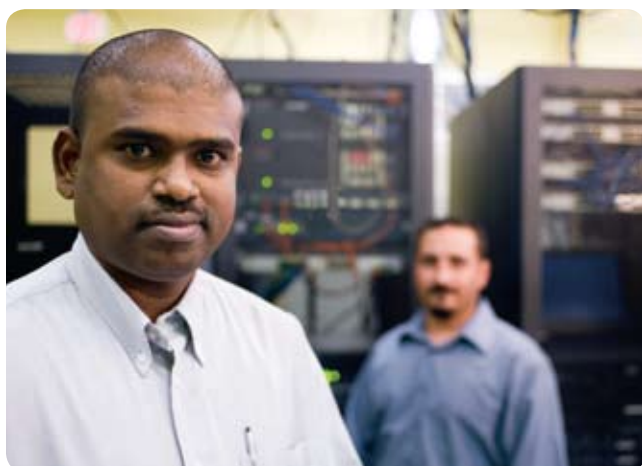
## Harnessing Leading VoIP Technology



- Telecenter VoIP leverages your data network investment, complementing your VoIP or traditional telephone system without the need for costly custom cabling. With Telecenter VoIP, expensive and proprietary “backbone” wiring for intercom and paging is eliminated. Using the data network fiber backbone also eliminates the costly lightning protection often required between buildings for conventional types of intercom and paging systems.
- VoIP technology is today’s **technology with** a foothold on tomorrow. Your **investment is secure** and your district won’t be locked into a proprietary communications network unable to grow with your school or district.

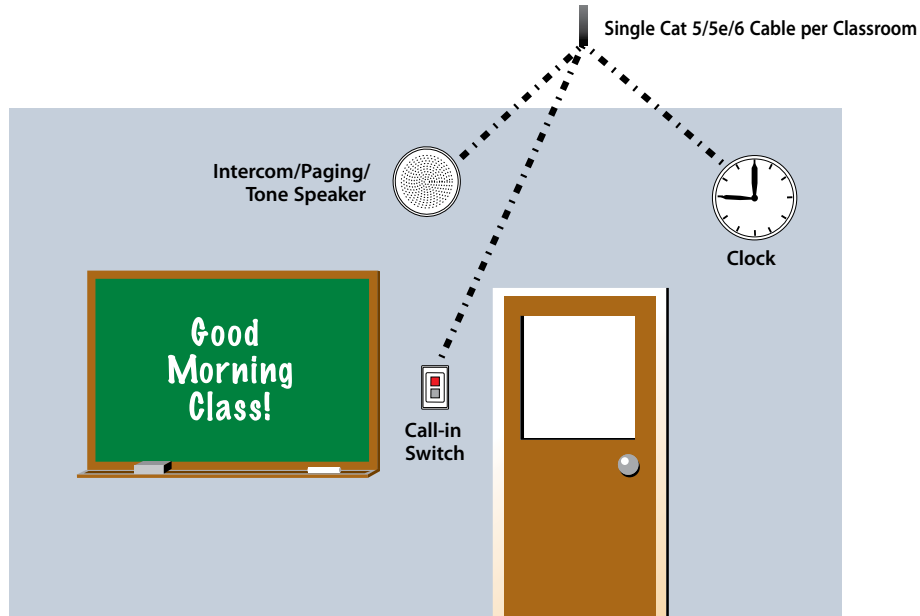


## Simple, Yet Sophisticated and Scalable

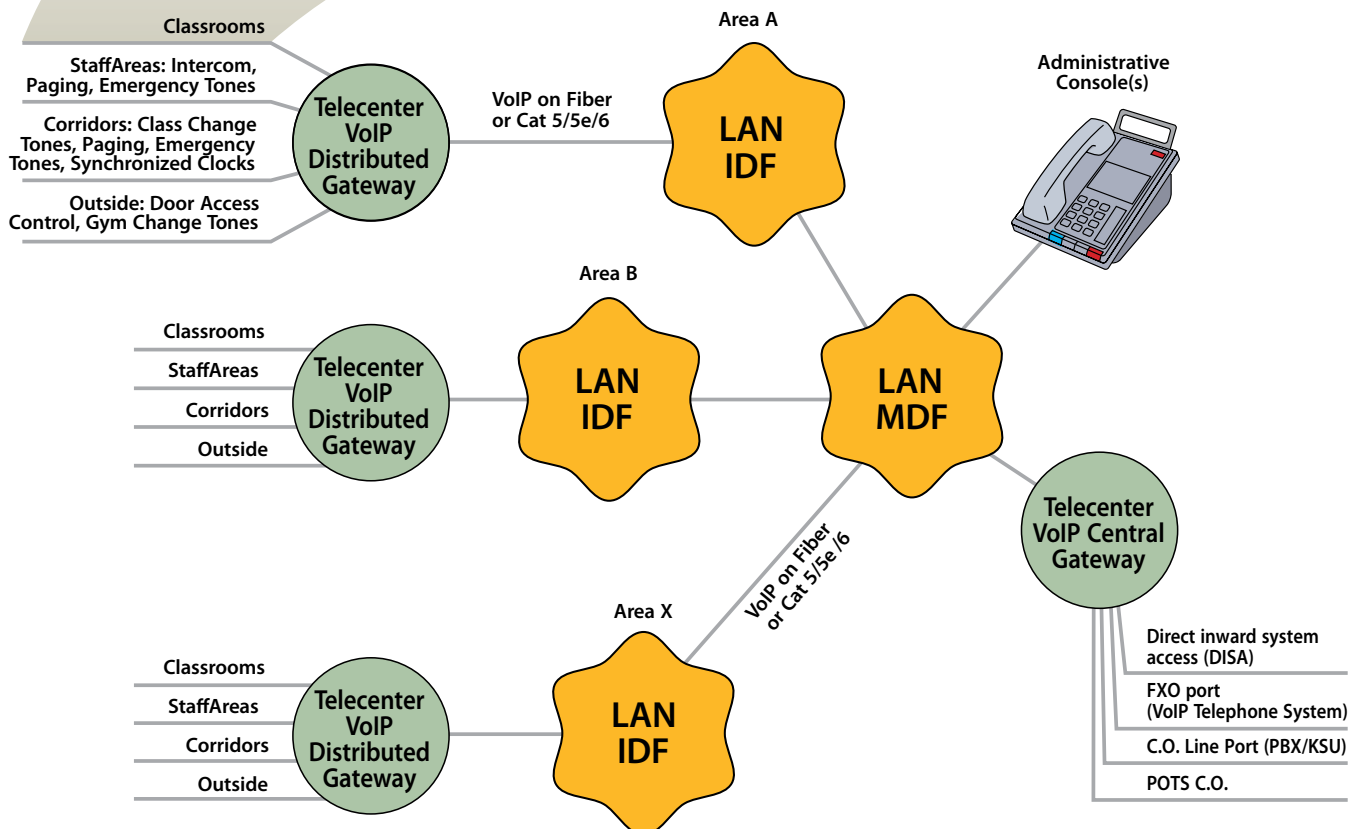


- Telecenter VoIP is flexible enough for every school facility – new construction, renovation, replacement and upgrades.
- The system supports remote troubleshooting and configuration – programming changes can be handled remotely without the cost and time of a service call.
- Scalable and distributed design – from small elementary schools to large campus-style high schools, Telecenter VoIP can be easily sized to fit your building. The system can accommodate over 700 stations within each facility, including intercom speakers and call switches.
- Structured Category Cabling Compatible - no custom cabling is required with Telecenter VoIP as a single Category 5 or better cable supports the classroom speaker, call switch, and analog clock

## Designed for the Classroom ■ ■ ■ ■ ■



## Designed for the Entire Campus ■ ■ ■ ■ ■



## Keeping Everyone On Time



- **Automatic Clock correction** means all your clocks display the same time and match the class change tones – keeping everything in synch, so every class starts and ends exactly when it is scheduled.
- **Atomic time – automatically.** During daylight savings time, all the clocks and class schedules throughout the entire facility are automatically updated. With Rauland's analog and digital clocks, no need to remember to swap out batteries; they're maintenance free, giving one less thing to worry about.

## Keeping Everyone On Schedule



- **Multiple class change schedules** accommodate all the different types of school schedules: full day, half day, parent/teacher conferences, holidays, and more. The flexible class change schedule and automatic scheduling based on the calendar keeps the day, the week, and the entire school year moving smoothly.
- **Distinctive messaging and tones** automatically sound in different areas; up to twenty four distinctive tones and prerecorded voice messages are available for gym class, class change, weather alert, dismissal, bus loading, and other events.
- **Class change music or messages** from the school or district audio library, can be broadcast over the intercom system to move your students and help class changes run smoother.

## Keeping Everyone Safe



### Facility-Wide



### Emergency Paging and Tones

- **Emergency, pre-recorded messages** in the principal's own voice improves the staff's and students' responses during an emergency; when the situation is chaotic, the prerecorded voice is both firm and direct - "Remain calm and quickly leave the building by the nearest exit ...."
- **Emergency tones** (different tones for different types of events and emergencies). When seconds count, a single button push alerts the entire building to the situation. Precious time isn't wasted trying to find special codes in a procedure manual.
- Staff can **respond to urgent situations from anywhere on or off campus**. Paging, tones and pre-recorded messages can be accessed from any phone inside the facility and from telephones and cellular phones outside the facility (using a pass code).
- **Continuous operation during power failures** with a distributed design that is also easy to battery back-up. Even if the power goes out, all the important communication and life safety features will continue to operate.

### Supporting Your Crisis Plan



Your school district's Crisis Plan addresses every aspect of school safety. Now, with Telecenter VoIP, you have the communication tools you need during an emergency to match the unique requirements of your facility.

- **Automated announcements, facility-wide paging, and evacuation tones** provide instant mass notification information throughout your facility.
- Based on time of day and day of week, **flexible alert notification** automatically routes classroom emergency call-ins to the front office, administrator's cell phone, or automated overhead paging to **ensure the fastest response**.
- **Customized paging and tones** for lockdowns and evacuations give staff and students the immediate information they need to respond appropriately.





# Telecenter® VoIP

Designed and Manufactured by Rauland-Borg

For more than 75 years Rauland-Borg has been dedicated to the communication needs of schools just like yours, which is why you'll find Rauland-Borg communications systems in more schools than any other brand. With Telecenter VoIP, Rauland-Borg has taken school communications to the next level by offering a system that addresses today's unique school communication needs while providing a platform for tomorrow.

Telecenter VoIP is backed with an industry leading five year manufacturer's warranty. It's our guarantee to you of system quality, performance, and reliability that Rauland-Borg customers have come to expect year in and year out.



Rauland-Borg's family of distributors share our same dedication to supporting the unique requirements of K-12 schools. Together we can provide turnkey integrated solutions for all of your communications needs.

## School Safety, An Industry-Wide Initiative

Rauland-Borg, as a long-standing member of the National Electrical Manufacturer's Association (NEMA), has teamed with other industry partners to support safety in K-12 schools through creation of the NEMA Standard SB40: Emergency Communications in K-12 Schools. For more information on the SB40 Standard and the NEMA organization, please visit [www.nema.org](http://www.nema.org)

To learn more about Telecenter VoIP, visit us at [www.rauland.com/TelecenterVoIP.cfm](http://www.rauland.com/TelecenterVoIP.cfm)



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