



IP Telephony Applications for Education

Singlewire Software IP telephony applications are designed to help organizations, especially those in education, increase efficiency by providing fast and effective communication that can be centralized to a few IP phones or sent out across an entire campus to a variety of IP phones, PCs, and IP speakers.

With Singlewire's products, school districts and campuses are also able to achieve a high return on IP telephony investments by combining their separate wires for phone, data, and speaker systems, and running their entire infrastructure over their network, providing significant costs savings, easy administration, and a very modern platform that is easy to expand.

Singlewire's IP telephony applications are able to solve a number of real-world problems and offer concrete benefits.

InformaCast®

Imagine that you need to inform your staff of a weather, fire, or security emergency. Email could be sent, but you would not reach everyone instantly. You could use your overhead paging system (if you had one), but how would you contact hearing-impaired staff or send different messages to different groups?

The cost to purchase an overhead paging system and then implement the infrastructure for it can be prohibitive. However, Singlewire has a solution.

The Solution

Singlewire's InformaCast application provides the capability to simultaneously send an audio stream and a text message to multiple Cisco IP phones, PC desktops, and IP speakers.

The Benefits

Because InformaCast uses the existing IP telephony infrastructure, there's no need to purchase a separate set of emergency broadcast equipment. InformaCast gives you

control of any message delivered, including:

- Message content
- Message recipient
- Message arrival time

InformaCast's Bell Scheduler

The ringing of a bell is a sound that we all can remember waiting for at one time or another. The challenge is not in the waiting, but in ensuring that sound is heard at the correct time, in the correct place, with as little human intervention as possible.

The Solution

The Bell Scheduler, part of Singlewire's InformaCast application, works through a password-protected web interface that uses a simple calendar system, which allows an administrator to schedule bell ring times for an entire year, as well as make changes throughout the year. Since it is web accessible, changes can even be made remotely.

The Benefits

The Bell Scheduler is useful for any complex ringing schedule:

- Control bell schedules for an entire district using only one server
- Change or update a schedule throughout the year
- Maintain multiple schools' bell systems through the same web interface

InformaCast and IP Speakers/Zone Controllers

When you need to get out an audio message quickly and clearly, you don't want to mess around with outdated speakers or speakers that aren't compatible with your environment.

The Solution

For areas that need increased volume, Atlas

InformaCast

ControlKom

PushToTalk

DORA

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Sound IP speakers, designed specifically for InformaCast, can be included in your IP network and made a part of your InformaCast paging groups. For districts using an analog paging system, the Atlas Sound Zone Controller can connect your current system to the IP network, allowing you to include it in your InformaCast paging groups.

The Benefits

Atlas Sound's IP speakers and zone controllers offer customized speaker options:

- IP speakers are specifically designed for InformaCast
- Speaker models include indoor, indoor with a digital clock (with and without microphone), and outdoor
- Integrate with InformaCast even with an analog paging system

PushToTalk™

The breadth of communication tools available to organizations such as cell phones, pagers, desktop phones, and wireless phones means that an organization has many options, but more isn't always better. Singlewire's PushToTalk offers maximum communication with minimal hardware and software.

The Solution

PushToTalk gives you walkie-talkie functionality on Cisco IP phones, expanding the capabilities of the phone. Created specifically to use the 7921 model's side button, but also available to desktop phones, PushToTalk enables large group communication at the push of a button.

The Benefits

PushToTalk uses existing IP telephony infrastructure and eliminates the need to purchase cell phones and cell phone plans with walkie-talkie functionality:

- No limit to number of phones in a group or number of groups
- Alert tone notifies user that a PushToTalk

session has started

- Phone displays who is talking
- Administrators can centrally manage, monitor and control phone groups and sessions

RemotePhoneControl™

If you are like many educational or governmental organizations, you have staff in several buildings or different communities. When users are in different buildings, support becomes a challenge. Singlewire's RemotePhoneControl application allows you to assist your users without incurring the expense for additional staffing or travel throughout the country.

The Solution

RemotePhoneControl allows authorized support staff to connect to and view the same telephone at which a user is looking, regardless of where the user is located. By viewing the image of the phone via a web browser, support staff is able to determine quickly if there's a problem with the telephony infrastructure or if the problem is due to a user error.

The Benefits

Because RemotePhoneControl is browser based, any authorized staff can use it. Plus, RemotePhoneControl allows you to do things beyond simply viewing any XML-capable phone, including:

- View the operation of a phone
- Take control of the phone
- View multiple phones

Contact Us

For more information on any Singlewire IP telephony application, please contact your local Singlewire representative. For Atlas Sound IP speaker and zone controller information, either contact Singlewire or Atlas Sound at atlassound@atlassales.com

Singlewire Software develops and supports innovative voice applications centered around secure, fast, and reliable mass notification capabilities. Our main application offerings: InformaCast, ControlKom, PushToTalk, and DORA allow our customers unprecedented control in designing mass notifications, assigning them to specific recipients, and determining the medium for dissemination—IP phones, IP speakers, email, etc.—all with the peerless capacity for customization to our customers' specific environments. Singlewire is devoted to maintaining the agility and imagination needed to fulfill our customers' needs and fostering an environment for successful partnerships between our customers and our company.

