



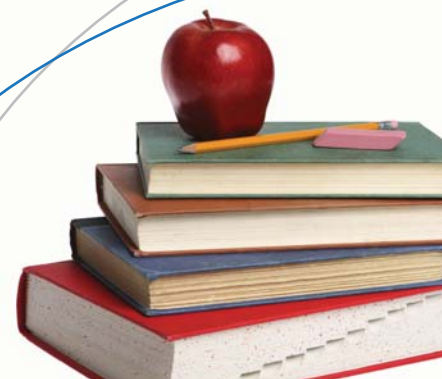
Solutions for Education



For over 25 years, eOn Communications has been delivering reliable communications solutions to schools that improve faculty collaboration, enhance student, parent and teacher relationships and improve campus security. We have always strived for innovation in communications tools that offer educators both simplicity and seamless access to communications.

eOn's **eNterprise IP Messenger** platform offers a variety of applications focused on the automation and optimization of core processes within the education space. Using voice processing, Automatic Speech Recognition (ASR), Interactive Voice Response (IVR) and Text-to-Speech (TTS) technologies, the eNterprise IP Messenger delivers solutions on behalf of students, teachers and parents that will improve collaboration, outreach and community involvement. Applications offered include:

- Homework & Information Hotline
- Absentee Outcall Notification
- Speech-enabled Teacher Locator
- Unified Messaging
- Presence-enabled School Listings
- Emergency Notification System



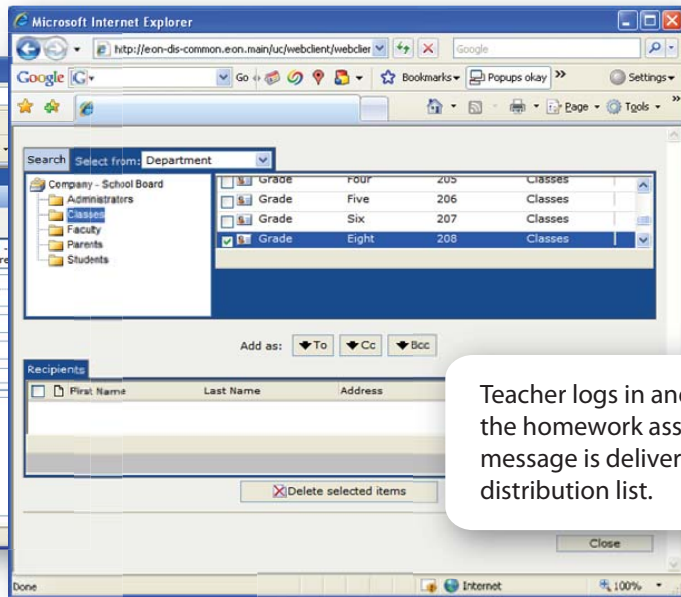
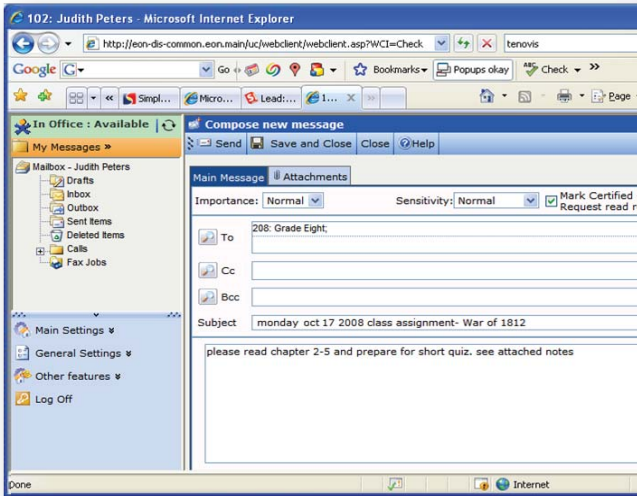
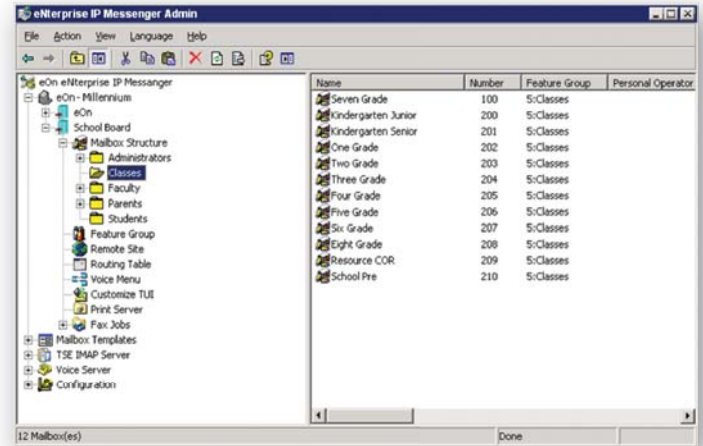
HOMWORK HOTLINE

Utilizing the voice menus and IVR module inherent in the eNterprise IP Messenger, users can create a custom Homework Hotline that can greet callers and instruct the user on how to retrieve their homework assignments.

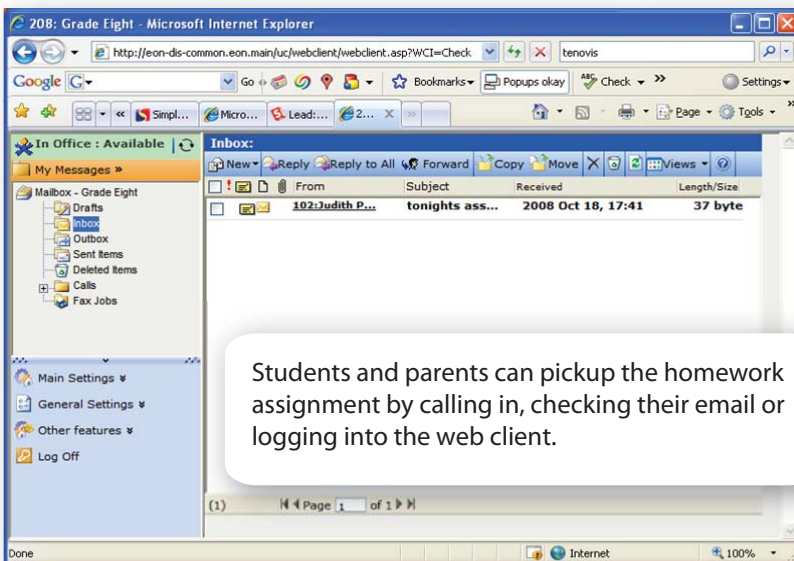
A caller will simply need to press a touch-tone number on a phone or login over the Internet to access their assignments. Teachers can control selections and update messages making it easy to implement and simple to use.

To setup a homework hotline, the administrator defines organizational units within the system to structure the mailboxes into user groups, for example, administrators, classes, faculty, etc.

Each teacher is designated a class mailbox for homework assignments. This is typically another mailbox in addition to their regular voice mailbox. The teacher can send a message with the homework assignment to the "homework" mailbox via the web interface (type) or dictate the assignment over the telephone – from any location. The system notifies the class distribution list, where individual notification settings are defined. Both students and parents can login and retrieve the assignment via the telephone or the Internet.



Teacher logs in and types or records the homework assignment. The message is delivered to the class distribution list.



Students and parents can pickup the homework assignment by calling in, checking their email or logging into the web client.

24-Hour Information Hotline

Use this feature to give parents access to daily school information such as:

- School schedules
- Field trips
- Guidance and attendance information
- Extra-curricular activities
- Sport schedules

ABSENTEE OUTCALL NOTIFICATION



To help combat absenteeism in K-12 schools, the eNterprise IP Messenger's Truancy Outcall Manager makes calls to parents to report absences and requests a reason for the absence. As an additional security mechanism, the absent notification keeps parents or guardians informed if their child does not show up for school that day.

The IP Messenger can make over 100 calls per hour using one port. Configurable up to 288 SIP ports, the system can be used for small to large schools or used in a large district as a centralized system. The Outcall Manager is used to make an automated call to any designated number, both internal and external. It also collects DTMF response from the receivers.

In a typical absentee notification scenario, a staff member can retrieve the list of absent students from the school management system and import it into the Outcall Task Manager. Once the list has been created, the staff member creates the greetings, DTMF responses to be accepted and schedules the outcall. A log file is generated with all of the responses received during those calls.

The screenshot shows the Outcall Task Manager application window. It includes fields for Phone (1235551234), Channel Range (1-2), Start Time (12 August, 2008 1:41 PM), and End Time (12 August, 2008 5:41 PM). There is a table with columns for Phone, Student, Parent, and St. The table contains the following data:

Phone	Student	Parent	St.
1235551234	Tom Doe	Bob Doe	M
1235551235	John Doe	Jane Doe	M
1235551236	Jack Doe	Jill Doe	M
1235551237	Lisa Doe	Will Doe	F
1235551238	Karen Doe	Sam Doe	F

Below the table are buttons for 'Import from File', 'Open File', 'Delete', 'View INI File', 'View Log File', 'Create Outcall Task', 'Pause', 'Refresh', and 'Clean Outcall Tasks'. A checkbox is checked for 'Delete Duplicate tasks with same phone numbers an'. An 'Absence.ini - Notepad' window is open, showing the following content:

```
[Absence Reason]
1=Sick
2=On vacation
3=On Religious Holiday
4=Doctors appointment
5=Going to be in late

[Greeting]
Greeting Text=Hello, this is David Lewis Elementary School, we are calling you
because <NAME> was absent from school today. Could you please tell us the
reason. <DTMF>
Goodbye Text=Thank you for your response, your response has been logged. Good
bye
```

Outcall Task Manager Features

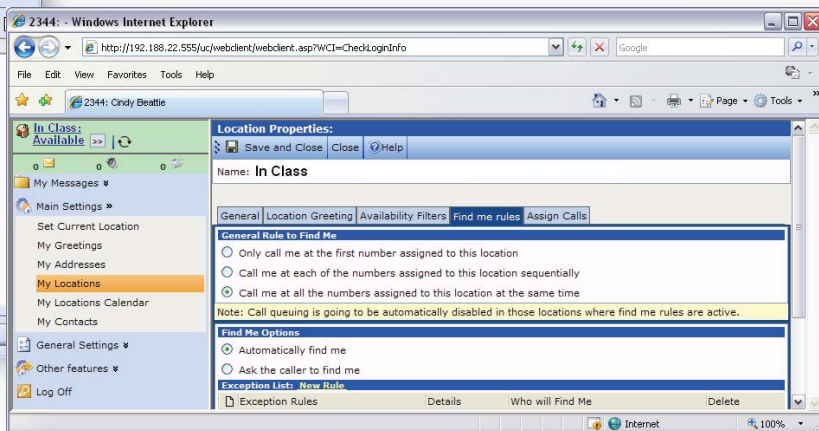
- Add or import phone numbers from a spreadsheet or txt file
- Dedicate voice channels for outcall task
- Define start and stop times
- Define question and parameters

The staff member can create a custom outcall message through the absence.ini file. The contents will be spoken to the call receivers through a TTS (text-to-speech) engine.

SPEECH-ENABLED TEACHER LOCATOR

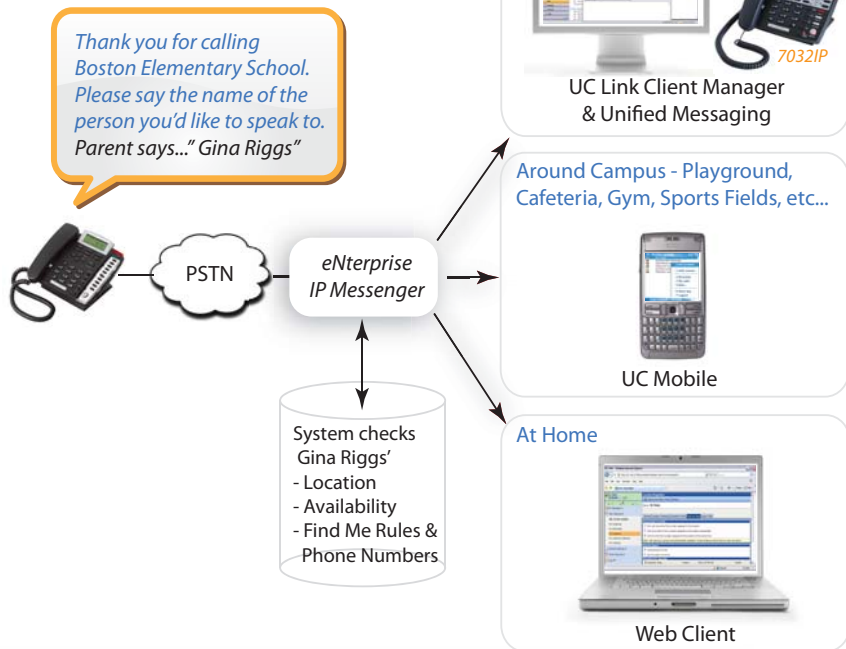
As a presence management server, the eNterprise IP Messenger enables schools to know real-time status and availability of their faculty and provides the teacher with the tools to control how their calls are routed and answered. Leveraging speech recognition technology, callers simply say a teacher's name and depending on his/her availability, presence, and location, IP Messenger will connect the caller to the teacher in real-time, dramatically lowering daily messaging and vastly improving communications.

Speech recognition functionality is available not only at the auto-attendant level, but in other functions like composing, replying, forwarding messages and contact dialing. Administrators and teachers enjoy faster and more efficient phone-based interactions, while giving schools the power to improve student and parent collaboration and outreach.



All UC client users can view faculty availability and location.

Teachers and administrators can administer their Find Me Follow Me rules, Calendar / Class Schedule, Greetings, Contacts and other preferences through an intuitive browser interface from any location with access to the Internet.



Location-based Design

Increases the eNterprise IP Messenger's flexibility by allowing a staff member to define his/her class schedule and availability per location.

For example, a teacher can be on the playground or sports field and still be available to receive calls on a cell phone or SIP wireless phone. The locations feature also includes associated phone numbers and location-level greetings.

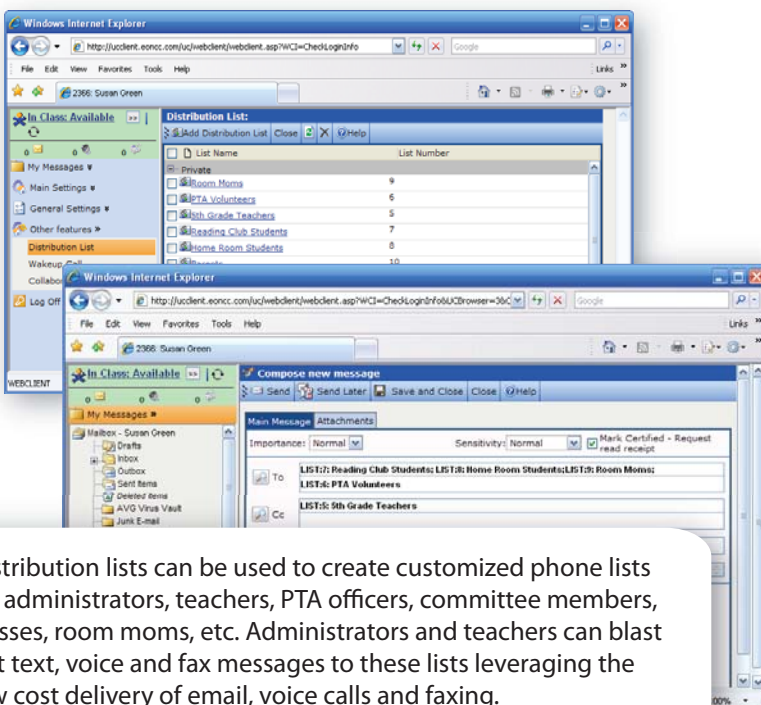
In this example, the IP Messenger checks Gina Riggs' current location, availability, find me rules and associated numbers, and then routes the caller to the appropriate number.

SCHOOL COMMUNICATIONS



With the eNterprise IP Messenger, the ability to create call lists can be extended beyond the system administrator to teachers and teacher assistants to record their own outgoing messages based upon class rosters for parents to receive. It can also connect a student management system with the messaging system to create a dynamic phone and mail list for notifications.

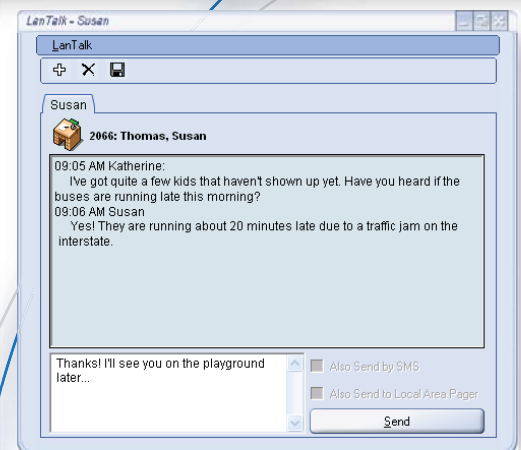
Some school districts do not provide a phone in every classroom, but they do provide a computer. By leveraging a Unified Communications account for all clients on the eNterprise IP Messenger, everyone can have an extension. Therefore, a parent can call any teacher and leave a message that they can retrieve from their classroom computer, any school phone, their home computer, any phone in the world, or any Internet-connected device.



Distribution lists can be used to create customized phone lists for administrators, teachers, PTA officers, committee members, classes, room moms, etc. Administrators and teachers can blast out text, voice and fax messages to these lists leveraging the low cost delivery of email, voice calls and faxing.

Link Client Manager

Teachers can conduct discreet communications during class via secure instant messaging. Only people using the Client Manager within the school network can interact with one another. Teachers will not be disrupted by outside sources and can stay in contact with other members of staff.



EMERGENCY NOTIFICATION SYSTEM

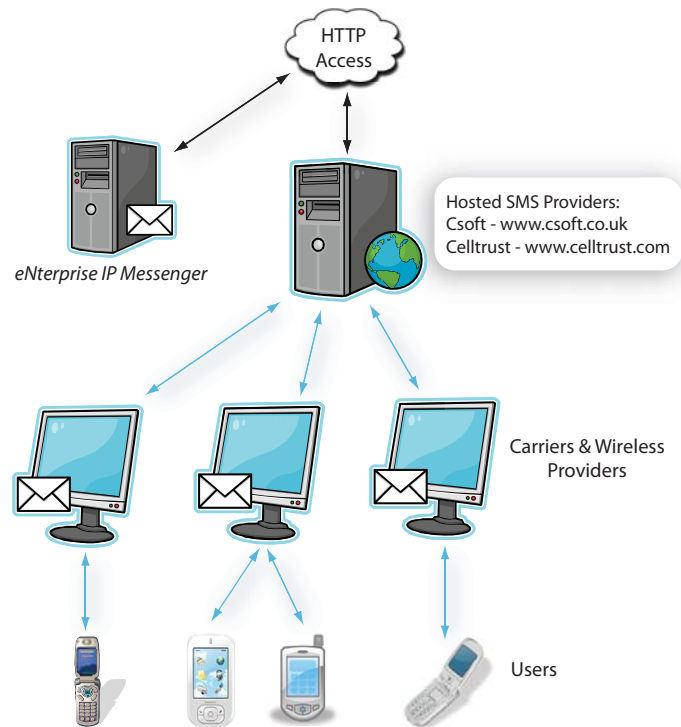
Emergency Broadcast

With the eNterprise IP Messenger's Emergency Broadcast application, administrators can blast 1000s of text messages from a PC or PDA directly to mobile phones globally in minutes! With the Desktop SMS module, staff can enhance their reach to faculty, students, parents, and security right from their desk by sending any important or time-critical updates instantly to mobile phones no matter where people are located - sitting in class, walking around on campus, or in mid-commute.

Schools can send notifications to staff and parents in the event of a variety of emergency situations, such as:

- A missing child, either from campus or en route to school.
- School lockdown due to a weapon on campus.
- Severe weather situations that result in school closings or children needing to be immediately picked up from school.

In addition to outbound notifications, students can use the service to report incidents of bullying, firearms and vandalism on campus. While typically used for emergency services, schools and colleges can turn text messaging into a channel for reaching students who do not always have access to email. Students could be given the opportunity to opt in to receive campus news, sports scores, grades postings, class registration schedules, and more!



Emergency Broadcast leverages a global SMS network with hosted bulk SMS providers.

Mass Recall Notification

With the Mass Recall application, administrators can initiate via the telephone a mass recall alert to security, including police, campus security, guards and dorm leaders. The alert can be triggered from any telephone on campus or in the school by dialing a code or programmed speed dial button. The administrator would assign different group alerts based on location. For an emergency task or check-in, the group would be notified immediately by blasting out the message to a pre-defined list. The delivery method identified in each of the Mass Recall mailboxes is used to deliver the message to a telephone number (home, business or mobile), pager or email.

Once all of the respondents check in and validate acceptance, the system ceases to notify them. The system logs and reports on emergency transactions and users responses. Mass Recall Notification is as easy as logging into a mailbox, recording a message and selecting a Mass Recall distribution list. Faculty has the means to notify personnel of an emergency situation and at the same time receive confirmation of who responded to the message.



eOn provides a number of security features to provide safety enhancements for schools.

- SMS Text Messaging
- Mass Recall Notification
- 911 Page Notification
- Emergency Announcements
- Hotline Meet-Me Conference
- IP Wireless Phones for Mobility
- Instant Messaging

SOLUTIONS FOR EDUCATION



Solutions That Benefit Schools in Many Ways

Using communications tools from eOn Communications enables schools to overcome many challenges in education and to provide:

Better call handling: Improve response times for incoming calls.

Enhanced staff and student safety: Improve school safety by deploying communications tools which offer safety features to provide an early response to a crisis.

Easier communications for teachers and staff: Ensure teachers and staff has access to communications both in the classroom and around the school grounds.

Minimize class disruption for teachers: Provide discreet communications tools for teachers to use while teaching.

Timely notification to parents: Take advantage of SMS messaging to provide timely notification about closures.

A homework hotline: Equip teachers with broadband telephony to provide additional support to students after school.

A means to reduce carbon footprint: Reduce paper waste by using SMS text messaging to notify parents.

Active parental engagement: Foster supportive parent-teacher communications through the use of ad hoc collaboration tools.

Support for Anonymous Reporting: Enable parents, students, teachers and administrators the option to leave an anonymous message concerning a potentially threatening situation or to report on bullying.

Real-time Communications: Allow school safety officials to be automatically brought into a conference call to obtain real-time information from school management during emergencies.



About eOn Communications

eOn's rich history of providing communications products and services dates back to 1897 when Kellogg Switchboard and Company was formed. In 1957, Kellogg merged with International Telephone and Telegraph Corporation (ITT) to create a telecommunications division within ITT. In 1987, ITT spun-off its telecommunications division, which became a privately held company called Cortelco Systems. In February 2000, Cortelco Systems became a public company and changed its name to eOn Communications Corporation.

Today, eOn is a global provider of innovative converged communications solutions. Backed with over 100 years of telecommunications experience and engineering excellence, eOn is focused on delivering proven TDM and VoIP products and services for enterprises that will improve business performance and customer retention. eOn has a long history of delivering superior products and services to the communications marketplace and is committed to continue this strategy for the future.



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