![IED - Innovative Electronic Designs logo]

Description

T-CAS is a Client/Server application used to broadcast standard Courtesy Announcements, or other ad-hoc messages into public spaces. Message content is entered via computer workstation(s) into a user-defined announcement template, with the corresponding operator-selectable zone group chosen for audio broadcast. Given the proper hardware and software components, synchronized text messages can also be seen on visual paging displays. T-CAS (audio only) requires the software components listed below:

- IED0633 – T-CAS Server Software
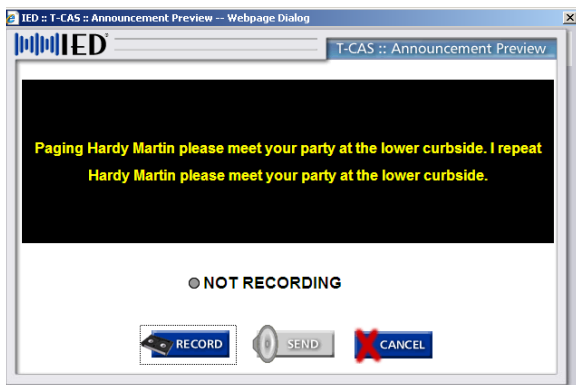- IED0633C – T-CAS Client Software

Capable of delivering ad-hoc and emergency ADA-compliant messages

The system can be configured to work with a combination of standard IED Microphone Stations (both analog such as 500 and 508, and digital such as 528 and 520), or the system's Text-to-Speech (TTS) voice synthesis program. Use of this option requires additional components as listed below:

- IED0633-AxLx – Text-to-Speech Engine
- IED0633L-xxx – Text-to-Speech Language Pack

The T-CAS Client application is web-based, and can be accessed from any computer on the system's network (or connection thereto). The T-CAS Server utilizes Microsoft SQL Server and Internet Information Server (IIS) technology to store and manipulate announcement data.
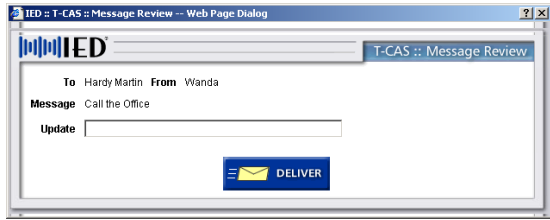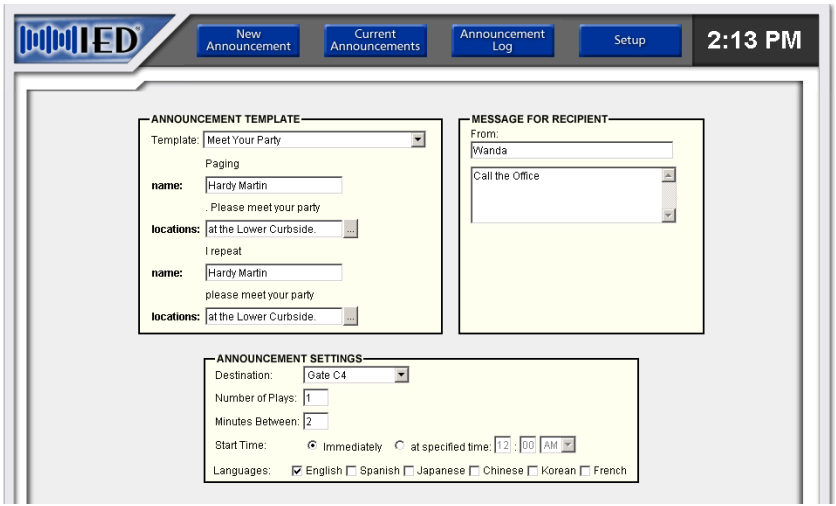
Key features

- Announcements may be initiated from any client workstation
- Provides both spoken/recorded audio (from a mic station) and text-to-speech capabilities
- Announcements may be broadcast in multiple languages (selectable for each message that is played)
- User-supplied Microsoft SAPI 5 compatible TTS engines may also be employed
- Software utilizes a client/server architecture
- Can drive visual displays with ADA (Americans with Disabilities Act) compliant text
- For ease of use, system can be configured with preset text templates in multiple languages, as well as pre-defined, commonly-used variables in multiple languages
- Operator can attach private messages for announcement recipients, to be relayed when the recipient responds
- Messages can be launched to play to any zone map in the facility, with or without repeats, and/or with an optional delayed start (e.g., after expected arrival of recipient's flight)
- Any operator can quickly access messages and retrieve the attached private content
- Previously-broadcast messages may be quickly replayed by accessing the current announcements list
- An archive of at least 30 days (longer if necessary) of messages is maintained for possible reference, should any question or dispute arise
- Batching automatically combines names for the same type of announcement into a single message to prevent excessive message playbacks. When a message is marked as **Delivered**, that name will be removed from the batched message.

Preview messages before playback

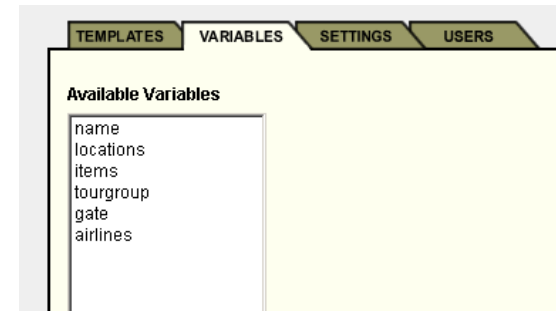Bulletin board display of active messages

Includes integrated review, replay, and update features

Message entry performed using pre-defined templates

Announcement content fully logged, retrievable, and archived

Ability to add/edit custom templates and variables

Minimum Server Requirements

Operating System
May be any one of the following: Microsoft Windows 2000 Server with Service Pack (SP) 4 or later; Windows 2000 Professional Edition with SP 4 or later; Windows XP with SP 2 or later; Windows Server 2003 Enterprise Edition, Standard Edition, or Datacenter Edition with SP 1 or later; Windows Small Business Server 2003 with SP 1 or later

Memory
512 megabytes (MB) of RAM Minimum (Recommended 1 Gigabyte (GB) or more)

Additional Software
Microsoft SQL Server 2005 or 2008, with Client Access Licenses (CAL's) for each workstation
Microsoft Internet Information Server (IIS) 5.0 or later
Microsoft XML 4.0 or Higher
IED Enterprise Server Application Suite

3rd Party Text-to-Speech Engines
Text-to-Speech engines not supplied by IED must be Microsoft SAPI 5 compliant

Minimum Client Requirements

Operating System
May be any one of the following: Microsoft Windows 2000 Server with Service Pack (SP) 4 or later; Windows 2000 Professional Edition with SP 4 or later; Windows XP with SP 2 or later; Windows Server 2003 Enterprise Edition, Standard Edition, or Datacenter Edition with SP 1 or later; Windows Small Business Server 2003 with SP 1 or later

Software
Microsoft Internet Explorer Version 7.0 (but not 8.0 or later)

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