



Singlewire InformaCast

Configuration Report

**Customer**



**As-Built Documentation for project**

24 July 2019

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# 1 Report Summary

This configuration report lists all configuration settings for the Singlewire InformaCast setup.

|  |  |
| --- | --- |
| **Report Info** | |
| Report date | 24/07/2019 10:34:29 |
| Report generated for | Customer |
| Description | As-Built Documentation for project |
| **Server Info** | |
| InformaCast version | 12.5.1 - 194 |
| InformaCast License Type | Advanced Notification Trial license |
| InformaCast IP | 10.5.1.155 |
| **Report Settings** | |
| Report Type | Direct Report |
| Visual style | Blu Light.css |
| Report Content | All objects |
| Template HTML | InformaCastreportTemplate.htm |
| Template Word | Bars\_Phones\_Green\_Blue.doc |
| **Report Tool Info** | |
| Report Tool version | 12.0.17 / ?? June 2019 |
| Report Tool License | Licensed [Prof all] |

# 2 Overview

InformaCast Advanced Notification is a software solution developed by Singlewire Software that enables Cisco telephone systems and connected appliances to broadcast notifications via audio message and text message. InformaCast allows messaging an unlimited number of Cisco IP Phones, IP Speakers. Messages can be via text message, live audio, pre-recorded audio or text to speech audio.

The software manages lists of users who can send broadcasts, and devices to send broadcasts to. Users and devices can be sorted into groups depending on situations and who needs to see the message. Messages can be pre-built with text audio and images, or built when needed. Then with the press of a button, messages are sent to groups of users via SMS text, email, phone calls and on-premises devices such as desk phones, IP speakers, desktop computers and more for maximum reach.

Bell Ring Lists can be defined to perform paging operations at regular times throughout a day, and Bell Schedules can be defined to schedule on which days the Bell Ring Lists should be performed.

# 3 Messages Menu

The Messages section is for creating and managing messages that will be broadcast by InformaCast, scheduled broadcasts and shows confirmation statistics.

This section shows the following information:

* Send or Edit Messages
* Scheduled Broadcasts
* Confirmation statistics

## 3.1 Messages

The Messages section allows creating, editing and sending messages. Messages are the basis of any InformaCast broadcast. They can consist of text and/or audio, be live or prerecorded, can skip phones in use or not, and their delivery can be synchronized or as available.

| **Messages** | |
| --- | --- |
| **Name** | **Message Information** |
| Basic Paging Live Broadcast | |  |  | | --- | --- | | **General** | | | Description | Basic Paging Live Broadcast | | Short Text |  | | Customizable | N | | Message Type | Live Audio | | Style |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 66 | | Skip Phones in Use | Y | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ad-Hoc Broadcast | |  |  | | --- | --- | | **General** | | | Description | Example Ad-Hoc Broadcast | | Short Text |  | | Customizable | N | | Message Type | Ad-Hoc Audio | | Style |  | | Allow Queueing | Y | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | | **Queing** | | | Send Threshold | 2 | | Failure Recipient Group | -1 | | Failure Text | My Failure text. It failed. Sorry. | |
| Example CallAware Message | |  |  | | --- | --- | | **General** | | | Description | Example CallAware Message | | Short Text | Emergency call placed at ${time} on ${date} | | Customizable | Y | | Message Type | Text and Ad-Hoc Audio | | Style |  | | Allow Queueing | N | | Require Confirmation | Y | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Emergency call placed at ${time} on ${date} | | Long Text |  | | Text Length | 43/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon |  | | Icon Type | Default | | Icon Image |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | A 2-second audio message is present. | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 3 | | Pause | 1 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | | **Confirmation** | | | Skip No-response Recipients | False | | Set a Time Limit | 99 | | Confirmation Mode | Acknowledge | | Set Confirmations Needed | 0 | | Escalate On Failure | N | | Escalation Recipient Group |  | | Escalation Message Text |  | |
| Example failed mail server | |  |  | | --- | --- | | **General** | | | Description | Example failed mail server | | Short Text | Email is down at ${time} on ${date} | | Customizable | N | | Message Type | Text | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Email is down at ${time} on ${date} | | Long Text |  | | Text Length | 35/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 1.0kB icon file is present: warn.png | | Icon Type | Other | | Icon Image |  | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Hammer | |  |  | | --- | --- | | **General** | | | Description | Example Hammer | | Short Text | This is a broadcast of an industrial sounding hammer | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | This is a broadcast of an industrial sounding hammer | | Long Text | Some more text so the details button shows up. | | Text Length | 52/46 | | Scroll Duration | 3 Seconds | | Scroll Speed | 5 | | Icon | A 1.0kB icon file is present: warn.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | As Available | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Play Time | 6 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 1 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Monthly Meeting | |  |  | | --- | --- | | **General** | | | Description | Example Monthly Meeting | | Short Text | Monthly company wide meeting is at 8:00. Press the details soft-key. | | Customizable | N | | Message Type | Text | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Monthly company wide meeting is at 8:00. Press the details soft-key. | | Long Text | The monthly company wide meeting is going to be held at 8:00 today. There will be an update on the current state of the company as well as a presentation on new application development by Ken Bywaters. | | Text Length | 69/202 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 4.0kB icon file is present: singlewire-logo.png | | Icon Type | Other | | Icon Image |  | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Panic Button Message | |  |  | | --- | --- | | **General** | | | Description | Example Panic Button Message | | Short Text | Panic button pressed on phone: ${phoneDescription} (ext. ${callingDN}) at ${time} on ${date} | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Panic button pressed on phone: ${phoneDescription} (ext. ${callingDN}) at ${time} on ${date} | | Long Text |  | | Text Length | 92/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 1.0kB icon file is present: warn.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | A 2-second audio message is present. | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Script File Attached | | Send in Progress | Empty | |
| Example Ring tone - Bell 1 | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Bell 1 | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Bell 2 | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Bell 2 | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Bell 3 | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Bell 3 | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Clock chime | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Clock chime | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Ding dong | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Ding dong | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Tone 1 | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Tone 1 | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Ring tone - Tone 2 | |  |  | | --- | --- | | **General** | | | Description | Example Ring tone - Tone 2 | | Short Text |  | | Customizable | N | | Message Type | Pre-Recorded Audio | | Style |  | | Allow Customization | N | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Severe Weather | |  |  | | --- | --- | | **General** | | | Description | Example Severe Weather | | Short Text | Severe weather is in the area at ${time} on ${date}. | | Customizable | Y | | Message Type | Text | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Severe weather is in the area at ${time} on ${date}. | | Long Text |  | | Text Length | 52/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 2.0kB icon file is present: thunderstorm.png | | Icon Type | Other | | Icon Image |  | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Singlewire Broadcast | |  |  | | --- | --- | | **General** | | | Description | Example Singlewire Broadcast | | Short Text | This is a broadcast from Singlewire's Broadcast System! | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | This is a broadcast from Singlewire's Broadcast System! | | Long Text |  | | Text Length | 55/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 4.0kB icon file is present: singlewire-logo.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | As Available | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Play Time | 14 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Singlewire Test Alert | |  |  | | --- | --- | | **General** | | | Description | Example Singlewire Test Alert | | Short Text | --This is a test-- | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | --This is a test-- | | Long Text | --This is a test. This is only a test.-- | | Text Length | 18/40 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 4.0kB icon file is present: singlewire-logo.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Tornado | |  |  | | --- | --- | | **General** | | | Description | Example Tornado | | Short Text | There is a tornado in the area at ${time} on ${date}. | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | There is a tornado in the area at ${time} on ${date}. | | Long Text |  | | Text Length | 53/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 3.0kB icon file is present: tornado.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | As Available | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Play Time | 12 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Example Winter Weather | |  |  | | --- | --- | | **General** | | | Description | Example Winter Weather | | Short Text | There is severe winter weather in the area at ${time} on ${date}. | | Customizable | N | | Message Type | Text | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | There is severe winter weather in the area at ${time} on ${date}. | | Long Text |  | | Text Length | 65/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 15.0kB icon file is present: icon2791269680474691730.png | | Icon Type | Other | | Icon Image |  | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 1 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| IC Trial Ending in 10 Days | |  |  | | --- | --- | | **General** | | | Description | IC Trial Ending in 10 Days | | Short Text | Your trial of InformaCast Advanced Notification ends in 10 days! Contact sales@singlewire.com now to purchase a subscription to InformaCast or to extend your trial. | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Your trial of InformaCast Advanced Notification ends in 10 days! Contact sales@singlewire.com now to purchase a subscription to InformaCast or to extend your trial. | | Long Text |  | | Text Length | 165/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 1.0kB icon file is present: warn.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| IC Trial Ending in 30 Days | |  |  | | --- | --- | | **General** | | | Description | IC Trial Ending in 30 Days | | Short Text | Your trial of InformaCast Advanced Notification ends in 30 days! Contact sales@singlewire.com now to purchase a subscription to InformaCast or to extend your trial. | | Customizable | N | | Message Type | Text and Pre-Recorded Audio | | Style |  | | Require Confirmation | N | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Your trial of InformaCast Advanced Notification ends in 30 days! Contact sales@singlewire.com now to purchase a subscription to InformaCast or to extend your trial. | | Long Text |  | | Text Length | 165/0 | | Scroll Duration | 3 Repetitions | | Scroll Speed | 5 | | Icon | A 1.0kB icon file is present: warn.png | | Icon Type | Other | | Icon Image |  | | **Audio** | | | Delivery | Synchronized | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Wait Time | 5 | | Skip Phones in Use | N | | Play Volume | As-Is | | Message Priority | 2 | | Replay Enabled | N | | **Re-broadcasting** | | | Re-broadcast | N | | Re-broadcast Until Stopped | N | | Broadcast Count | 1 | | Pause | 0 | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |
| Oy Listen here | |  |  | | --- | --- | | **General** | | | Description | Oy Listen here | | Short Text | Oy you | | Customizable | N | | Message Type | Talk and Listen | | Style |  | | **Text** | | | Persistent Text | True | | Concatenate Text | False | | Short Text | Oy you | | Long Text | Hey you, don't watch that, watch this. | | Text Length | 6/38 | | Scroll Speed | 5 | | Icon |  | | Icon Type | Default | | Icon Image |  | | **Audio** | | | Delivery | As Available | | Activation Alert |  | | Pre Tone | No Audio | | Post Tone | No Audio | | Play Time |  | | Skip Phones in Use | Y | | Play Volume | As-Is | | Message Priority | 1 | | Replay Enabled | N | | **Scripting** | | | Data Setup | Empty | | Audio Replacement | Empty | | Send in Progress | Empty | |

## 3.2 Scheduled Broadcasts

This section contains a list of scheduled broadcasts. Scheduled broadcasts allow arranging for an audio or text message to be sent at a prearranged time in the future, either once or on a recurring basis. Scheduled broadcasts can be added, edited and deleted here.

| **Scheduled Broadcasts** | |
| --- | --- |
| **Name** | **Information** |
| Scheduled Broadcast 1 | |  |  | | --- | --- | | Name | Scheduled Broadcast 1 | | Message | Example Hammer | | Recipient Groups | (All Recipients) | | Schedule | Every Monday in January in 2020 at every minute | |
| Scheduled Broadcast 2 | |  |  | | --- | --- | | Name | Scheduled Broadcast 2 | | Message | Example Monthly Meeting | | Recipient Groups | (All Recipients) | | Schedule | Jul 24, 2019 at 9:08:00 AM | |

# 4 Recipients Menu

Messages are sent to recipients that can be organized into groups. Recipient groups, and exclusionary recipient groups, allow to organize recipients into groups that will either receive the broadcasts sent to them (recipient groups) or never receive broadcasts (exclusionary recipient groups). Furthermore tags can be created and assigned to different groups to mak it easier to choose groups for a broadcast.

In this section you will find:

* Recipient Groups
* Tags

## 4.1 Recipient Groups

Recipient groups and exclusionary recipient groups allow you to organize your recipients into groups that will either receive the broadcasts sent to them (recipient groups) or never receive broadcasts (exclusionary recipient groups).

By default, InformaCast initially creates an 'All Recipients' group, which contains all the recipients that can be discovered. However, you may find it helpful to send to smaller groups of recipients (or exclude some recipients from ever receiving broadcasts).

| **Recipient Groups** | |
| --- | --- |
| **Name** | **Recipient Information** |
| (All Recipients) | |  |  | | --- | --- | | **General** | | | Name | (All Recipients) | | Dial Code | \* | | Tags |  | | **Recipients** | | | **Filter Individually** | | | Enabled Filter Individually | N | | **Filter with Recipient Groups** | | | Enabled Filter with Recipient Groups | N | | **Filter with Rules** | | | Enabled Filter with Rules | Y | | Filter Logical Expression | AND | | Filter with Rules | |  |  |  |  |  | | --- | --- | --- | --- | --- | | InformaCastDeviceType | Does | CONTAINS |  | Case Sensitive | | | **Filter with Exclusions** | | | Enabled Filter with Exclusions | N | | **Statistics** | | | Num Phones | 0 | | Num Speakers | 0 | | Num Plugins | 0 | |
| Recipient Group 2 | |  |  | | --- | --- | | **General** | | | Name | Recipient Group 2 | | Dial Code | 9997 | | Tags | tag1, tag2 | | **Recipients** | | | **Filter Individually** | | | Enabled Filter Individually | Y | | Individually | IP Speaker: Speaker 2; MAC address 123412341000 | | **Filter with Recipient Groups** | | | Enabled Filter with Recipient Groups | Y | | Filter with Rules | (All Recipients) Recipient Group 3 | | **Filter with Rules** | | | Enabled Filter with Rules | Y | | Filter Logical Expression | OR | | Filter with Rules | |  |  |  |  |  | | --- | --- | --- | --- | --- | | CallManagerCSS | Does | CONTAINS | Auto | Ignore Case | | MACAddress | Does | CONTAINS | 1111 | Ignore Case | | DirectoryNumbers | Does | BEGINS\_WITH | 7 | Case Sensitive | | | **Filter with Exclusions** | | | Enabled Filter with Exclusions | Y | | Exclusions | IP Speaker: Speaker1; MAC address 123412341234 | | **Statistics** | | | Num Phones | 0 | | Num Speakers | 0 | | Num Plugins | 0 | |
| Recipient Group 3 | |  |  | | --- | --- | | **General** | | | Name | Recipient Group 3 | | Dial Code | 9995 | | Tags | tag1, tag2 | | **Recipients** | | | **Filter Individually** | | | Enabled Filter Individually | Y | | Individually | IP Speaker: Speaker1; MAC address 123412341234 IP Speaker: Speaker 2; MAC address 123412341000 | | **Filter with Recipient Groups** | | | Enabled Filter with Recipient Groups | N | | **Filter with Rules** | | | Enabled Filter with Rules | N | | **Filter with Exclusions** | | | Enabled Filter with Exclusions | N | | **Statistics** | | | Num Phones | 0 | | Num Speakers | 0 | | Num Plugins | 0 | |

## 4.2 Tags

Recipient group tags allow finer control over the display results for recipient groups. Before recipient groups can be filtered through tags, these need to be defined.

The following table lists the configured tag names and their recipient group members:

| **Recipients > Tags** | |
| --- | --- |
| **Name** | **Tag Members** |
| New Tag |  |
| tag1 | Recipient Group 2 Recipient Group 3 |
| tag2 | Recipient Group 2 Recipient Group 3 |

# 5 Speakers Menu

'IP speakers' are the end-points where the messages are broadcast from. They can include:

* Hardware IP speakers, e.g. network-attached loudspeakers, including SIP speakers for full-duplex intercom calls
* Hybrid devices
* Legacy Paging Interface (LPI) plugin paging zones
* Computers running the InformaCast Desktop Notifier
* The Singlewire Desktop Notification System, an application retired in favor of the InformaCast Desktop Notifier but still supported

This section includes:

* IP Speakers list

## 5.1 IP Speakers

'IP speakers' are the end-points where the messages are broadcast from.

This section includes the list of IP Speakers with their registration status and more info.

| **IP Speakers** | |
| --- | --- |
| **Name** | **Information** |
| Speaker 2 | |  |  | | --- | --- | | **Device Information** | | | Name | Speaker 2 | | Description | desc Speaker 2 | | Dial Code | 99002 | | MAC Address | 123412341000 | | Volume | 10 | | Scroll Speed Adjustment | 1 | | **Network** | | | IP Address |  | | Port | 80 | | Status | Not registered | | **Features** | | | Desktop Notifier | N | | Has Display | N | | Has Rich Interface | N | | Capture High Quality Audio | N | | Playback High Quality Audio | N | | Can Listen | N | | Can Record | N | | Can Replay Audio | N | | Can Respond | N | | **Speaker for SIP-based intercom** | | | Enable SIP Intercom | Y | | Speaker DN | 99102 | | DN to Dial | 99202 | | Microphone Volume | 5 | | Ring Volume | 5 | | Auto Answer | Y | |
| Speaker 3 SIP | |  |  | | --- | --- | | **Device Information** | | | Name | Speaker 3 SIP | | Description | A SIP speaker | | Dial Code | 99005 | | MAC Address | 123412341232 | | Volume | 10 | | Scroll Speed Adjustment | -2 | | **Network** | | | IP Address |  | | Port | 80 | | Status | Not registered | | **Features** | | | Desktop Notifier | N | | Has Display | N | | Has Rich Interface | N | | Capture High Quality Audio | N | | Playback High Quality Audio | N | | Can Listen | N | | Can Record | N | | Can Replay Audio | N | | Can Respond | N | | **Speaker for SIP-based intercom** | | | Enable SIP Intercom | Y | | Speaker DN | 7965 | | DN to Dial |  | | Microphone Volume | 5 | | Ring Volume | 5 | | Auto Answer | N | |
| Speaker1 | |  |  | | --- | --- | | **Device Information** | | | Name | Speaker1 | | Description | Speaker1 Desc | | Dial Code | 99001 | | MAC Address | 123412341234 | | Volume | 10 | | Scroll Speed Adjustment | 0 | | **Network** | | | IP Address |  | | Port | 80 | | Status | Not registered | | **Features** | | | Desktop Notifier | N | | Has Display | N | | Has Rich Interface | N | | Capture High Quality Audio | N | | Playback High Quality Audio | N | | Can Listen | N | | Can Record | N | | Can Replay Audio | N | | Can Respond | N | | **Speaker for SIP-based intercom** | | | Enable SIP Intercom | N | |

# 6 Bells Menu

Bell schedules are a means to send patterns of scheduled messages (usually brief tones) to IP phones and IP speakers. Ring Lists specify a series of ring tones to be played at specific times of day and associate each tone with a set of recipient groups to which it will be played. The Bell Schedule specifies the Ring List to be used each day by mapping a repeating weekly pattern onto the calendar.

This section shows:

* Ring Lists
* Bell Schedules

## 6.1 Bell Ring Lists

Ring lists specify a series of ring tones to be played at specific times of day and the set of recipient groups that will receive each broadcast.

| **Bell RingLists** | |
| --- | --- |
| **Name** | **Information** |
| Ring List 1 | |  |  | | --- | --- | | Name | Ring List 1 | | id | 2147483658 | | Description | Desc Ring List 1 | | Entries | | **Name** | **Information** | | --- | --- | | Ring List 1 | |  |  | | --- | --- | | Id | 2147483665 | | time | 09:00:00 | | bellTone | Example Ring tone - Bell 1 | | bellToneid | 895 | | recipientGroupIds | -1 | | RecipientGroups | (All Recipients) | | | Ring List 1 | |  |  | | --- | --- | | Id | 2147483666 | | time | 11:00:00 | | bellTone | Example Ring tone - Bell 2 | | bellToneid | 896 | | recipientGroupIds | -1 | | RecipientGroups | (All Recipients) | | | |
| Ring List 2 | |  |  | | --- | --- | | Name | Ring List 2 | | id | 2147483661 | | Description | Desc Ring List 2 | | Entries | | **Name** | **Information** | | --- | --- | | Ring List 2 | |  |  | | --- | --- | | Id | 2147483687 | | time | 09:00:00 | | bellTone | Example Ring tone - Bell 1 | | bellToneid | 895 | | recipientGroupIds | -1 | | RecipientGroups | (All Recipients) | | | Ring List 2 | |  |  | | --- | --- | | Id | 2147483688 | | time | 11:00:00 | | bellTone | Example Ring tone - Ding dong | | bellToneid | 899 | | recipientGroupIds | -1 | | RecipientGroups | (All Recipients) | | | |

## 6.2 Bell Schedules

Bell Schedules control the ring lists that are used on specific calendar dates. Once Ring Lists are created, Bell Schedules set which days of the week the Ring Lists are played on. Exceptions can be set and appear here.

| **Bell Schedules** | |
| --- | --- |
| **Name** | **Information** |
| Bell Schedule 1 | |  |  | | --- | --- | | Name | Bell Schedule 1 | | Id | 2147483662 | | Description | desc Bell Schedule 1 | | Start Date (yyyy-mm-dd) | 2019-07-11 | | End Date (yyyy-mm-dd) | 2019-07-18 | | Ring Lists | | **Day** | **Ring List** | | --- | --- | | Monday |  | | Tuesday | Ring List 1 | | Wednesday |  | | Thursday | Ring List 2 | | Friday |  | | Saturday | Ring List 1 | | Monday | Ring List 1 | | | Exceptions | < No records found > | |
| Bell Schedule 2 | |  |  | | --- | --- | | Name | Bell Schedule 2 | | Id | 2147483663 | | Description | desc Bell Schedule 12 | | Start Date (yyyy-mm-dd) | 2019-07-26 | | End Date (yyyy-mm-dd) | 2019-07-31 | | Ring Lists | | **Day** | **Ring List** | | --- | --- | | Monday | Ring List 1 | | Tuesday | Ring List 1 | | Wednesday | Ring List 2 | | Thursday | Ring List 2 | | Friday |  | | Saturday |  | | Monday |  | | | Exceptions | | **Start Date** | **End Date** | **Description** | **Ring List** | | --- | --- | --- | --- | | 2019-07-26 | 2019-07-31 |  | Ring List 1 | | |

# 7 Admin Menu

The Admin section provides access to the InformaCast application settings and configurations.

This section contains:

* Overview
* Licensing
* Telephony
* Voice
* Network Parameters
* Broadcast Parameters
* Desktop Parameters
* System Menus
* DialCast Menus
* SIP Menus

## 7.1 Overview

InformaCast configuration overview page.

|  |  |
| --- | --- |
| **Admin Overview** | |
| **InformaCast Server** | |
| InformaCast Component Version | 12.5.1 - 194 Advanced Notification Trial license |
| JTAPI Version | Cisco Jtapi version 8.6(2.24091)-1 Release |
| Start Time (local) | Wednesday, 10 July 2019 14:03:59 |
| Current Time (local) | Wednesday, 24 July 2019 10:34:30 |
| Application Mode | Stand-alone |
| **SLP** | |
| SLP Enabled | 12.5.1 - 194 Advanced Notification Trial license |
| Publish Speaker Configuration URL | False |
| Publish SOAP API | True |
| **Cisco Unified Communications Manager** | |
| Default configuration | Version: |
| **CTI Ports** | |
| **CTI Route Points** | |
| **SIP User Agent Status** | |
| User Agent Status | User Agent is running |
| **SIP Calls** | |
| **Speakers** | |
| Number of Speakers Configured | 3 |
| Number of Speakers Registered | 0 |
| Number of Licensed Speakers | 5 |
| **Backup** | |
| Backup Activated | 3 |
| Next Scheduled Backup | 0 |
| **LDAP Integration** | |
| LDAP Authentication Enabled | True |
| LDAP Grouping Enabled | True |
| Next Scheduled LDAP Phone Update (local) | Wednesday, 24 July 2019 10:40:00 |
| **Phone Updates** | |
| Last Attempted Phone Rebuild (local) | Wednesday, 24 July 2019 10:10:00 |
| Last Successful Phone Rebuild (local) | Monday, 1 January 0001 00:00:00 |
| Last Attempted Phone Refresh (local) | never |
| Last Successful Phone Refresh (local) | never |
| Number of Phones Retrieved | 0 |
| Number of Phones Used / Licensed | 0 / 500 |
| Next Phone Rebuild (local) | Wednesday, 24 July 2019 11:10:00 |
| Phone Refresh Interval (minutes) | 0 |
| **Multicast Ports** | |
| Number of Multicast Ports Configured | 301 |
| Number of Multicast Ports Used by Audio Broadcasts | 0 |
| Number of Multicast Ports Used by Talk and Listen Messages | 1 |
| Number of Multicast Ports Unused | 300 |

## 7.2 Licensing

InformaCast License Key information

In the context of Cisco Unified Communications Manager, 2 different licenses are available: Basic Paging supplied through an OEM agreement with Cisco, and this can be upgraded to the Advanced Notification package.

|  |  |  |
| --- | --- | --- |
|  | Basic Paging | Advanced Notification |
| Live Audio Paging to Cisco IP Phones | ✓ 50 Phones | ✓ Unlimited |
| Powerful Emergency Notification System |  | ✓ |
| Integration to Exisiting Overhead Paging (Not available in Trial) |  | ✓ |
| Text and Audio to Cisco IP Phones and Other Endpoints |  | ✓ |
| Support for IP Speakers |  | ✓ |
| 911 (Emergency) Call Alerting Recording (Not Available in Trial) |  | ✓ |
| Automatic Weather Notification |  | ✓ |
| Dynamic Conference Call |  | ✓ |
| Message Confirmation |  | ✓ |
| Pre-Recorded and Scheduled Broadcasts (Bell/Shift Scheduler) |  | ✓ |
| Notification to Computers and Social Media |  | ✓ |
| Reach Mobile/Remote Users |  | ✓ |

|  |  |
| --- | --- |
| **Licensing** | |
| **Overview** | |
| Application | InformaCast |
| Licensee | Contact Singlewire at sales@singlewire.com or +1.608.661.1140, option 1 to upgrade to a permanent advanced notification license. |
| License Manager URL | http://10.5.1.155:8101/LicenseManager |
| License Manager Available | True |
| Server IP Address | Not restricted |
| **License Terms** | |
| License Mode | Advanced Notification Trial |
| in TrialMode | True |
| Expiration | License Expiration: Sep 8, 2019 |
| Server IPAddress | Not restricted |
| in Grace Period | False |
| Grace Expiration | N/A |
| Feature Codes | Audio MessageConfirmation |
| **Application Parameters** | |
| Hours Of Use | 1440 |
| Max Bell Schedules | 10 |
| Max IP Speakers | 5 |
| Max Phones | 500 |
| Max Version | 12.6 |

## 7.3 Telephony

The Telephony section provides access to settings for Cisco Unified Communication Manager clusters, phone lists, external call control and LDAP phone lists.

In this section you will find:

* CUCM Clusters
* CUCM Phone Updates
* External Call Control
* LDAP Phone Updates

### 7.3.1 CUCM Clusters

List of Cisco Unified Communications Manager clusters whose phones will receive InformaCast broadcasts

| **CUCM Clusters** | |
| --- | --- |
| **Name** | **Information** |
| Default configuration | |  |  | | --- | --- | | **CUCM Cluster Settings** | | | Name | Default configuration | | Primary CUCM Cluster | Y | | CUCM Application User | APPLICATION\_USER | | Use Application User for AXL | N | | AXL User Name | AXL\_USER | | AXL IP Address(es) | 127.0.1.1 | | CUCM IP Address(es) | 127.0.0.1 | | **SNMP Settings** | | | SNMP Version | SNMP Version 2 | | SNMP v2 Community Name | \*\*\*\*\* | |

### 7.3.2 CUCM Phone Updates

This section defines on what schedule InformaCast will build a list of registered phones, and how often it will refresh that list.

|  |  |
| --- | --- |
| **CUCM Phone Updates** | |
| Job Description | Phone Data Update |
| Second | 0 |
| Minute | 10 |
| Hour | Every |
| Month | Every |
| Day of Month | Every |
| Week Day | Every |
| updateInterval | 0 |

### 7.3.3 External Call Control

These are the Web Service URLs required when InformaCast is being used to provide external call control for Cisco Unified Communication Manager.

|  |  |
| --- | --- |
| **CUCM External Call Control** | |
| **Web Services URLs** | |
| Primary | http://10.5.1.155:8081/InformaCast/admin?cmd=callRouting&token=wh4a1envea |
| Secondary |  |
| **Secure Web Services URLs** | |
| Primary | https://IC155.lab.test:8444/InformaCast/admin?cmd=secureCallRouting&token=wh4a1envea |
| Secondary |  |

### 7.3.4 LDAP Phone Updates

This section defines on what schedule InformaCast will build a list of LDAP phones.

|  |  |
| --- | --- |
| **LDAP Phone Updates** | |
| Job Description | LDAP Phone Update |
| Second | 0 |
| Minute | 40 |
| Hour | Every |
| Month | Every |
| Day of Month | Every |
| Week Day | Every |

## 7.4 Voice Menus

Anytime a user picks up a phone to make a broadcast containing audio or to use the InformaCast DialCast functionality, they will come in contact with the Interactive Voice Response (IVR). This set of menus is customizable through this Voice section of the Admin menu. InformaCast voice menus can be modified as well as the tones/audio associated with them:

* General Voice Menu
* Inbound Call Voice Menu
* Broadcast Voice Menu

### 7.4.1 General

The general voice menu governs InformaCast's behavior during live broadcasts and audio recording. Stall tones and Go tones can be set, as well as the 'No Active Recipients' audio message. The recording Prompt audio message can be set, and the Accept key and the Cancel key configured.

|  |  |
| --- | --- |
| **Voice > General** | |
| **--- Live Broadcast Parameters ---** | |
| **Stall Tone Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/General/Audio/stallTone |
| Audio File Duration [ms] | 239 |
| Stall Tone Interval (seconds) | 2 |
| **Go Tone Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/General/Audio/goTone |
| Audio File Duration [ms] | 915 |
| **No Active Recipients Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/General/Audio/noActiveRecipients |
| Audio File Duration [ms] | 5672 |
| **Recording Parameters** | |
| **--- Recording Prompt Audio ---** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/General/Audio/recordingPrompt |
| Audio File Duration [ms] | 10024 |
| Accept Key | # |
| Cancel Key | \* |

### 7.4.2 Voice Inbound

The Inbound Call voice menu determines the tones and audio files used when InformaCast handles incoming calls, and shows authentication parameters.

|  |  |
| --- | --- |
| **Voice > Inbound Call Voice Menu** | |
| **Invalid License Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/invalidLicense |
| Audio File Duration [ms] | 6275 |
| **Call Answered Greeting Audio** | |
| Enable Greeting | Y |
| Enable Break Key | Y |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/systemGreeting |
| Audio File Duration [ms] | 3493 |
| **DN Not Recognized Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/dnNotConfigured |
| Audio File Duration [ms] | 6139 |
| **--- Authentication Parameters ---** | |
| Credential Input Method | 1 |
| Fixed-Length Input Length | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authSuccess |
| Variable-Length Input Termination Key | # |
| Maximum Failures Allowed | 3 |
| Maximum Prompts Allowed | 3 |
| **Greeting Audio** | |
| Enable Greeting | Y |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authGreeting |
| Audio File Duration [ms] | 4126 |
| **Login Prompt Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authLogin |
| Audio File Duration [ms] | 2237 |
| **Password Prompt Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authPassword |
| Audio File Duration [ms] | 1470 |
| **Failure Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authFailed |
| Audio File Duration [ms] | 3567 |
| **Success Audio** | |
| Enabled | Y |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authSuccess |
| Audio File Duration [ms] | 1848 |
| **PIN Prompt Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Inbound/Audio/authPin |
| Audio File Duration [ms] | 2690 |
| **DTMF Parameters** | |
| Timeout (seconds) | 0 |
| Inter-Digit Timeout (seconds) | 0 |
| Break Key | # |

### 7.4.3 Broadcast

The broadcast voice menu determines the audio files used by InformaCast when triggering broadcasts prompted by incoming calls. They include the audio messages for success or failure of the broadcast and broadcast cancel operations.

|  |  |
| --- | --- |
| **Broadcast Voice Menu** | |
| **--- Send Broadcast Audio ---** | |
| **Success Audio** | |
| Enable Success Audio | Y |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Broadcast/Audio/success |
| Audio File Duration [ms] | 2170 |
| **Failure Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Broadcast/Audio/fail |
| Audio File Duration [ms] | 2753 |
| **Missing Broadcast Component Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Broadcast/Audio/missingComponent |
| Audio File Duration [ms] | 7035 |
| **--- Cancel Broadcasts Audio ---** | |
| **Success Audio** | |
| Enable Broadcasts Audio | Y |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Broadcast/Audio/cancelBroadcastsSuccess |
| Audio File Duration [ms] | 3001 |
| **Failure Audio** | |
| Audio File | https://10.5.1.155:8444/InformaCast/RESTServices/V1/Admin/Voice/Broadcast/Audio/fail |
| Audio File Duration [ms] | 2753 |

## 7.5 Network Parameters

This section shows network configuration parameters for InformaCast.

The section includes:

* Session Timeouts
* SLP Parameters
* Speaker Parameters
* SIP Speaker Parameters

### 7.5.1 Session Timeouts

Session timeout values, which affect how often credentials must be provided when using InformaCast.

|  |  |
| --- | --- |
| **Session Timeouts** | |
| General Session Timeout (seconds) | 300 |
| Phone Session Timeout (seconds): | 60 |

### 7.5.2 SLP Parameters

SLP (Service Location Protocol) parameters, which affect interactions between InformaCast and IP speakers, as well as between InformaCast and other applications.

|  |  |
| --- | --- |
| **SLP Parameters** | |
| Enable SLP | Y |
| Publish Configuration File Service | N |
| Publish SOAP Service | Y |
| SLP Scope | Berbee Applications |
| URL of Configuration File Server | http://10.5.1.155:8081/InformaCast/resources |

### 7.5.3 Speaker Parameters

This section covers IP Speaker automatic registration parameters. InformaCast sees several different endpoint types as "IP speakers," including hardware IP speakers, computers running the InformaCast Desktop Notifier (IDN, formerly the Singlewire Desktop Notification System), hybrid devices, and Legacy Paging Interface (LPI) plugin paging zones.

|  |  |
| --- | --- |
| **Speaker Parameters** | |
| Automatically Add Hardware IP Speakers | N |
| Automatically Added Hardware IP Speaker Volume | 10 |
| Automatically Add IDN Instances and LPI Plugin Paging Zones | N |
| Automatically Added IDN Instances and LPI Plugin Paging Zones Volume | 10 |
| Automatically Remove Unregistered IDN Instances (days) | 0 |
| Registration Interval (seconds) | 300 |
| Capture Keepalive Interval (seconds) | 2 |

### 7.5.4 SIP Speaker Parameters

Network settings for SIP Speakers.

|  |  |
| --- | --- |
| **SIP Speaker Parameters** | |
| Telephony Providers | 127.0.0.1 |
| SIP Transport Protocol | TCP |
| SIP OPTIONS Ping Interval (seconds) | 60 |
| SIP Registration Interval (seconds) | 60 |
| Call Ring Time (seconds) | 15 |

## 7.6 Broadcast Parameters

Shows whether InformaCast uses JTAPI or HTTP when communicating with your Unified Communications Manager, and shows preferences for InformaCast's handling of the audio parameters for IP phones, IP speakers, computers running the InformaCast Desktop Notifier etc., as well as the phone vibration and backlight display period for Cisco IP phones, several queued ad-hoc broadcast parameters, and the DN and authentication method for canceling broadcasts over the phone.

|  |  |
| --- | --- |
| **Broadcast Parameters** | |
| Send Commands to Phones by JTAPI | N |
| JTAPI Static Terminals Enabled | N |
| Starting Multicast IP Address | 239.0.1.2 |
| Ending Multicast IP Address | 239.0.1.2 |
| Multicast TTL | 16 |
| Enable Message Blending | Y |
| Number of Priority Levels | 3 |
| Broadcast History Retention Period | 7 |
| Recording Limit | 300 |
| Live Broadcast Limit | 300 |
| Enable Phone Vibration | N |
| Queued Broadcast Maximum Wait Time | 60 |
| Queued Broadcast Retry Interval | 10 |
| Queued Broadcast Send Threshold | 75 |
| Queued Broadcast Maximum Wait Time | 60 |
| Send Silence with DialCast IVR | N |
| Cancel Broadcasts Directory Number: |  |
| Cancel Broadcasts Authentication Method | None |

## 7.7 Desktop Parameters

Shows access status to several commands available in the InformaCast Desktop Notifier menu: Clear, Exit, and Start/Stop Broadcasts. Also shows if the Singlewire logo appears by default in the Broadcast window or if a custom logo has been provided to show in its place.

|  |  |
| --- | --- |
| **Desktop Parameters** | |
| Clear Menu Option | allow |
| Exit Menu Option | allow |
| Start/Stop Broadcasts Menu Option | allow |
| Logo | A 24.0kB logo is present: logo.png |
| Logo Image |  |

## 7.8 System Menus

This section shows InformaCast system configuration parameters and includes settings for:

* Backup
* Scripting
* Reporting
* LDAP Integration

*Version 12 and later:*

* Call Detail Records
* Server Certificate
* Client Certificates
* SSL Parameters
* Client Certificates
* Login Banners

### 7.8.1 Backup

Shows whether scheduled backup jobs are activated, and what schedule they follow.

|  |  |
| --- | --- |
| **System > Backup** | |
| Job Description | InformaCast Data Backup |
| Backup functionality activated | N |
| Second | 0 |
| Minute | 0 |
| Hour | 3 |

### 7.8.2 Scripting

InformaCast's system scripting functionality allows uploading scripts that are triggered when certain events take place. This section shows the 5 predefined events, and the script for each one if present.

| **System > Scripting** | |
| --- | --- |
| **Name** | **Information** |
| GroupCacheRebuilt | |  |  | | --- | --- | | Name | GroupCacheRebuilt | | description | Recipient Group Cache Rebuilt | | Script | // A script that can be used for sending email notifications // upon the completion of the recipient group update  // Function to a recipient to a message's "to" list function addToRecipient(message, recipient) { var to = new javax.mail.internet.InternetAddress(recipient); message.addRecipient(javax.mail.Message.RecipientType.TO, to); }  if ((cacheUpdateInfo.newDeviceCount == 0 && cacheUpdateInfo.oldDeviceCount != 0) || (cacheUpdateInfo.exception != null)) {  // Email notifications are sent only if the recipient group cache // gets empty after finishing the update or if an exception occurs // in the course of update  var props = new java.util.Properties(); props.put("mail.smtp.host", "mailserver.mycompany.com");  var session = javax.mail.Session.getInstance(props, null);  // Set up the basic envelope information, sender and recipients var message = new javax.mail.internet.MimeMessage(session); var from = new javax.mail.internet.InternetAddress("example\_email@singlewire.com"); message.setFrom(from); addToRecipient(message, "john.doe@mycompany.com"); addToRecipient(message, "jane.doe@mycompany.com"); message.setSubject("Recipient Group Cache Rebuilt");  var text =  'Devices in the cache before update: ' + cacheUpdateInfo.oldDeviceCount + '\n'; text += 'Devices in the cache after update: ' + cacheUpdateInfo.newDeviceCount + '\n';  if (cacheUpdateInfo.exception == null) { text += "\nNo exceptions were thrown"; } else { text += "\nThe following exception was thrown:\n"; var stackTrace = new java.io.StringWriter(); cacheUpdateInfo.exception.printStackTrace(new java.io.PrintWriter(stackTrace)); text += stackTrace.toString(); }  // Wrap the text as a MIME body part var part = new javax.mail.internet.MimeBodyPart(); part.setContent(text, "text/plain");  // Set up the multipart content of the message, // using the only text part. var content = new javax.mail.internet.MimeMultipart(); content.addBodyPart(part);  // Assemble and send the message message.setContent(content); javax.mail.Transport.send(message);  } | |
| BackupCompleted | |  |  | | --- | --- | | Name | BackupCompleted | | description | Backup Completed | | Script | // Function to a recipient to a message's "to" list function addToRecipient(message, recipient) { var to = new javax.mail.internet.InternetAddress(recipient); message.addRecipient(javax.mail.Message.RecipientType.TO, to); }  var props = new java.util.Properties(); props.put("mail.smtp.host", "mailserver.mycompany.com");  var session = javax.mail.Session.getInstance(props, null);  // Set up the basic envelope information, sender and recipients var message = new javax.mail.internet.MimeMessage(session); var from = new javax.mail.internet.InternetAddress("example\_email@singlewire.com"); message.setFrom(from); addToRecipient(message, "john.doe@company.com"); addToRecipient(message, "jane.doe@company.com");   message.setSubject("InformaCast Message Sent");  var text = 'Message "' + messageInfo.description + '" [key: '; text += messageInfo.messageKey + '] was sent by '; text += senderInfo.userName + " [id: " + senderInfo.user + "]\n";  text += "Sent from address " + senderInfo.address + "\n"; text += "Sending Device Type: " + senderInfo.deviceType + "\n"; text += "Sending Device Name: " + senderInfo.deviceName + "\n"; text += "Sending Device Description: " + senderInfo.deviceDescription + "\n\n";  text += "Sent to recipients: " + messageInfo.recipientDescription + " [keys: "; text += messageInfo.recipientKeys.join(", ") + "]\n\n";  text += "Message type: " + messageType.getDescription() + "\n"; if (messageType.isLive()) { text += "Live Audio Source: " + senderInfo.liveAudioSource + "\n"; } if (messageType.isText()) { text += 'Message Short Text: "' + messageInfo.shortText + '"\n'; }  // Wrap the text as a MIME body part so we can also include a captured image. var part = new javax.mail.internet.MimeBodyPart(); part.setContent(text, "text/plain");  // Set up the multipart content of the message, starting with the text part. var content = new javax.mail.internet.MimeMultipart(); content.addBodyPart(part);  // Include the latest captured image if one exists var capture = new java.io.File("/tmp/capture.jpg"); if (capture.canRead()) { part = new javax.mail.internet.MimeBodyPart(); part.attachFile(capture); content.addBodyPart(part); }  // Assemble and send the message message.setContent(content); javax.mail.Transport.send(message);  // Trigger auto-dialer script //new java.net.URL("http://serverip:8080/AutoDialer/remoteDialing.do"). // getContent(); | |
| AppStarted | |  |  | | --- | --- | | Name | AppStarted | | description | Application Started | | Script | no script present | |
| AppStopping | |  |  | | --- | --- | | Name | AppStopping | | description | Application Shutting Down | | Script | no script present | |
| Idle | |  |  | | --- | --- | | Name | Idle | | description | Idle | | Script | no script present | |

### 7.8.3 LDAP Integration

Shows parameters for LDAP integration of InformaCast, including General, Authentication and Grouping parameters.

| **System > LDAP Integration** | |
| --- | --- |
| **Name** | **Information** |
| LDAP General | |  |  | | --- | --- | | Use Automatic Service Discovery | N | | LDAP Host Name | 10.5.1.166 | | LDAP Port | 389 | | Use SSL | N | | Authentication Method | Simple | | LDAP Administrator Distinguished Name |  | | Schema Type | OpenDS | | Enable Authenticating Users Via LDAP | Y | | Enable Grouping Recipients via LDAP: | Y | |
| Authentication | |  |  | | --- | --- | | Enable Authenticating Users Via LDAP | LDAP | | Search Base Distinguished Name | DC=lab,DC=test | | Valid User Filter | (sn=\*) | | Valid User Group Filter |  | | Maximum Number of Users | 1000 | |
| Grouping | |  |  | | --- | --- | | Phone Extension Attribute | ipphone | |

### 7.8.4 Call Detail Records

This section shows whether InformaCast is configured to write Call Detail Records, and the record retention period.

|  |  |
| --- | --- |
| **Call Detail Records** | |
| Write Call Detail Records | Y |
| Call Detail Records Retention Period | 1 |

### 7.8.5 Server Certificate

Shows the InformaCast server certificate. Clients (e.g. browsers) use this certificate when establishing secure connections with the InformaCast server.

|  |  |
| --- | --- |
| **Server Certificate** | |
| Certificate | [0] Version: 3 SerialNumber: 13821319330197582717 IssuerDN: EMAILADDRESS=sw@gmail.com, CN=IC155.lab.test, OU=UPLINX, O=Test, L=test, ST=test, C=tv Start Date: Wed Jul 10 07:02:31 CDT 2019 Final Date: Mon Jul 08 07:02:31 CDT 2024 SubjectDN: EMAILADDRESS=sw@gmail.com, CN=IC155.lab.test, OU=UPLINX, O=Test, L=test, ST=test, C=tv Public Key: RSA Public Key modulus:  public exponent: 10001  Signature Algorithm: SHA256WITHRSA Signature: a5e556ef332e21b0dde89e4e62a7ae1d7c82cd40 21866ee1ed7cb38367a7dd83057616a0dedef889 53c911cf87e15f5847f1e6ba9a90a4cce91ace25 0c30517855366b572a59992052a79895bbb8d9e2 3b8456845e7f8163fbc6db16496447ca36abfbbb a8fa68d485534daef810a35a7c6a11eb9045cdaf bd9725c29f8562f69c54774afc8640c71f1a55fe e9cfbdd83e28d2ee14e80ad0d49d095d7bad2255 8c9cbf36d8a976266303649c9a93ec044b0c6a01 f614bc2597354d407e1a265caa61141347ed013c 8c3735bb14ca00073ea7f3f9bcfdd785693c0aec 08b7b5976523da4ab68c2d875d24825a38d82889 a5346ad84030e02b5567bca756ac3569 Extensions:  critical(false) 2.5.29.37 value = Sequence ObjectIdentifier(1.3.6.1.5.5.7.3.1) ObjectIdentifier(1.3.6.1.5.5.7.3.2)  critical(false) 2.5.29.14 value = DER Octet String[20]   critical(false) KeyUsage: 0xb4 critical(true) BasicConstraints: isCa(false), pathLenConstraint = 0 critical(false) 2.5.29.17 value = Sequence Tagged [2] IMPLICIT  DER Octet String[14] |

### 7.8.6 Client Certificates

Shows the client certificates. These are used when establishing secure connections between InformaCast and external services.

| **Client Certificates** | |
| --- | --- |
| **Name** | **Information** |
| IC155.lab.test | [0] Version: 3 SerialNumber: 13821319330197582717 IssuerDN: EMAILADDRESS=sw@gmail.com, CN=IC155.lab.test, OU=UPLINX, O=Test, L=test, ST=test, C=tv Start Date: Wed Jul 10 07:02:31 CDT 2019 Final Date: Mon Jul 08 07:02:31 CDT 2024 SubjectDN: EMAILADDRESS=sw@gmail.com, CN=IC155.lab.test, OU=UPLINX, O=Test, L=test, ST=test, C=tv Public Key: RSA Public Key modulus:  public exponent: 10001  Signature Algorithm: SHA256WITHRSA Signature: a5e556ef332e21b0dde89e4e62a7ae1d7c82cd40 21866ee1ed7cb38367a7dd83057616a0dedef889 53c911cf87e15f5847f1e6ba9a90a4cce91ace25 0c30517855366b572a59992052a79895bbb8d9e2 3b8456845e7f8163fbc6db16496447ca36abfbbb a8fa68d485534daef810a35a7c6a11eb9045cdaf bd9725c29f8562f69c54774afc8640c71f1a55fe e9cfbdd83e28d2ee14e80ad0d49d095d7bad2255 8c9cbf36d8a976266303649c9a93ec044b0c6a01 f614bc2597354d407e1a265caa61141347ed013c 8c3735bb14ca00073ea7f3f9bcfdd785693c0aec 08b7b5976523da4ab68c2d875d24825a38d82889 a5346ad84030e02b5567bca756ac3569 Extensions:  critical(false) 2.5.29.37 value = Sequence ObjectIdentifier(1.3.6.1.5.5.7.3.1) ObjectIdentifier(1.3.6.1.5.5.7.3.2)  critical(false) 2.5.29.14 value = DER Octet String[20]   critical(false) KeyUsage: 0xb4 critical(true) BasicConstraints: isCa(false), pathLenConstraint = 0 critical(false) 2.5.29.17 value = Sequence Tagged [2] IMPLICIT  DER Octet String[14] |

### 7.8.7 SSL Parameters

This section shows SSL parameters, and how InformaCast should behave with untrusted certificates.

|  |  |
| --- | --- |
| **Admin > System > SSL\_Parameters** | |
| Automatically import untrusted certificates | Y |

### 7.8.8 Login Banners

Shows the text that should be displayed before and after user authentication.

|  |  |
| --- | --- |
| **Admin > System > Login Banners** | |
| na | API for Login Banner does not exist but will be added later according to InformaCast |

## 7.9 DialCast Menus

These are the DialCast parameters. DialCast allows a user to dial a SIP number configured with a dialing pattern that determines which InformaCast message should be sent and which recipient groups should receive it.

The secton shows:

* Dialing Configurations
* SIP Phone Exceptions

### 7.9.1 Dialing Configurations

This is the list of Dialing Configurations for the DialCast system. InformaCast uses these dialing configurations to trigger broadcasts by matching the called DN to a dialing pattern and then initiating a broadcast that uses the configuration's message and recipients.

| **Dialing Configurations** | |
| --- | --- |
| **Name** | **Dialing Configurations Information** |
| 77771 | |  |  | | --- | --- | | Dialing Pattern | 77771 | | **Authentication Method** | | | Authentication Type | PIN | | PIN | \*\*\*\*\* | | **Message to Broadcast** | | | Message Description | Message Desc | | **Broadcast Recipients** | | | Recipient Groups | (All Recipients) | | Recipient Group Name | Broadcast 1 | | Dial Codes | 999998 | | DNs | 999998 | |
| 777888 | |  |  | | --- | --- | | Dialing Pattern | 777888 | | **Authentication Method** | | | Authentication Type | User Login and Password | | **Message to Broadcast** | | | Message | Example Ad-Hoc Broadcast | | **Broadcast Recipients** | | | Recipient Groups | (All Recipients) | | Recipient Group Name | Broadcast 2 | | Dial Codes | 99997 | | DNs | 99997 | |

### 7.9.2 SIP Phone Exceptions

These entries define exceptions to the rules established by dialing configurations and voice menus. the list is ordered by phone DN.

| **Phone Exceptions** | |
| --- | --- |
| **Name** | **Phone Exceptions Information** |
| 8887 | |  |  | | --- | --- | | Phone DN: | 8887 | | **Authentication** | | | Override authentication method | Y | | Authentication Type | None | | **Call Answered Greeting Audio** | | | Override voice menu | Y | | Greeting | Enable Greeting | | Enable break key | N | |
| 88888 | |  |  | | --- | --- | | Phone DN: | 88888 | | **Authentication** | | | Override authentication method | Y | | Authentication Type | PIN | | PIN | \*\*\*\*\* | | **Call Answered Greeting Audio** | | | Override voice menu | Y | | Greeting | Disable Greeting | | Enable break key | N | |

## 7.10 SIP Menus

This section provides the parameters for SIP access to InformaCast. In order to use DialCasts and the Legacy Paging Interface plugin, or make full-duplex intercom calls, you must first configure Session Initiation Protocol (SIP), which is supported by a growing number of PBXs and telephony devices, and provides InformaCast with the capability to receive SIP calls, allowing other SIP devices (in this case, Unified Communications Manager) to locate and call InformaCast.

Here you will find settings for:

* SIP Access
* SIP Call Security
* SIP User Credentials
* SIP Certificates
* SIP Stack

### 7.10.1 SIP Access

This section shows whether SIP access is allowed or denied, and a list of exceptions that can be configured by subnet or host.

|  |  |
| --- | --- |
| **SIP Access** | |
| Incoming SIP calls | Allow |
| Subnet Exceptions | |  |  | | --- | --- | | **SIP Access** | | | 1.1.1.0/24 | Deny | | 1.1.2.0/24 | Deny | |

### 7.10.2 SIP Call Security

This section shows the security parameters for SIP calls to InformaCast.

|  |  |
| --- | --- |
| **SIP Call Security** | |
| Secure Signaling Required | N |
| Secure RTP Allowed | N |
| Authenticate Incoming Requests | N |
| Realm | InformaCast |
| Authentication Username | sipuser |
| Nonce Duration | 5 |

### 7.10.3 SIP User Credentials

Shows a list of credentials used by InformaCast when authenticating with other SIP servers.

| **SIP User Credentials** | |
| --- | --- |
| **User** | **Realm** |
| user2 | realm2 |
| user1 | realmxx |

### 7.10.4 SIP Certificates

Certificates used when establishing secure SIP connections between InformaCast and other SIP devices.

| **SIP Certificates** | |
| --- | --- |
| **Name** | **Information** |
| informacast | [0] Version: 3 SerialNumber: 72319898 IssuerDN: CN=InformaCast-10.5.1.155 Start Date: Wed Jul 10 07:03:34 CDT 2019 Final Date: Sat Nov 24 06:03:34 CST 2046 SubjectDN: CN=InformaCast-10.5.1.155 Public Key: RSA Public Key modulus:  public exponent: 10001  Signature Algorithm: SHA256WITHRSA Signature: 202d74d8518b49be4903433fea2d3b3022b53f77 37726d0330fc3faa5356212d740ceee2aa075a38 dde4b521ca36e093d0467a40ca1414fa3a421630 0f52afa23c7f8e7783954bdcdd0b1c31cf989e49 817952a47bd1b006967a95adc9b878417e5b33ab 462f54ea86cbb6425af0fdf571845f32d54b3667 e32a2575febb2f371bcaf7125a8f452e5daec14a ba99f516cbd573879b3a123d6cdd16167ebc0718 f044f6f9736833f35cac0d7311c74e65a409d4f4 d31fd8d9bbfdd44f7693c5cd6fb73f637a561c91 cece8bdb0a408ae24889ff76643b94d4aabc7a6f 9d7147ce101f0b23fdbc4f696af67b461263d657 8005a0ec23f5bbecc6a2671573f033db Extensions:  critical(false) 2.5.29.14 value = DER Octet String[20] |

### 7.10.5 SIP Stack

Various low/level parameters for the SIP stack. InformaCast uses the National Institute of Standards and Technology (NIST) SIP stack to provide it with basic SIP functionality. The SIP stack provides InformaCast with fundamental low-level SIP functionality such as transaction handling, dialogs, utilities for SIP headers, maintenance of SIP timers, etc.

|  |  |
| --- | --- |
| **SIP Speaker Parameters** | |
| Enable Detailed Logging | N |
| Max Forwards | 70 |
| Read Timeout | 1000 |
| Cache Client Connections | Y |
| Cache Server Connections | Y |

## 7.11 Users Menus

InformaCast maintains a user list that allows setting different roles to different Users and User Groups. The user administration section is for managing the lists of roles, users and groups.

The section includes:

* Roles
* Users
* Groups

### 7.11.1 Roles

Roles are broad, predefined sets of capabilities. For example, there could be one role that only allows a user to send messages and another role that allows a user to create, send, and cancel messages. All roles are predefined, and editing a role simply consists of adding or removing groups assigned to the role.

This section shows a list of the predefined roles. Each role shows which users or groups are assigned to it.

| **Roles** | |
| --- | --- |
| **Name** | **Role Info** |
| appAdmin | |  |  | | --- | --- | | **General** | | | Description | Permitted to modify application configuration settings. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory | agent1 agent2 ajolie | | **User Groups** | | | User Groups - Internal | Superuser UserGroup2 | | User Groups - Active Directory | Domain Guests Domain Users | |
| groupAdmin | |  |  | | --- | --- | | **General** | | | Description | Able to administer Recipient Groups, Tags, and Hybrid Devices. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser UserGroup2 | | User Groups - Active Directory |  | |
| keyAdmin | |  |  | | --- | --- | | **General** | | | Description | May view and update the application's License Key. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory | agent1 agent2 mkadmin | | **User Groups** | | | User Groups - Internal | Superuser UserGroup2 | | User Groups - Active Directory | Administrators Allowed RODC Password Replication Group Backup Operators | |
| messageAdmin | |  |  | | --- | --- | | **General** | | | Description | Allowed to manage and send messages. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser | | User Groups - Active Directory |  | |
| messageEditor | |  |  | | --- | --- | | **General** | | | Description | Is able to send and edit existing messages, possibly with restrictions. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | UserGroup1 | | User Groups - Active Directory |  | |
| messageSender | |  |  | | --- | --- | | **General** | | | Description | Can only send messages, possibly with restrictions. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | UserGroup1 | | User Groups - Active Directory |  | |
| messageSenderDNsRestricted | |  |  | | --- | --- | | **General** | | | Description | Like messageSender, but recipient DNs must be in filtered recipient groups. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | UserGroup1 | | User Groups - Active Directory |  | |
| recordedAudioListener | |  |  | | --- | --- | | **General** | | | Description | Can listen to CallAware recorded audio. | | **Users** | | | Users - Internal | admin tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | UserGroup1 | | User Groups - Active Directory |  | |
| schedAdjuster | |  |  | | --- | --- | | **General** | | | Description | Can only apply exceptions to bell schedules, possibly with restrictions. | | **Users** | | | Users - Internal |  | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal |  | | User Groups - Active Directory |  | |
| schedAdmin | |  |  | | --- | --- | | **General** | | | Description | Able to schedule future and repeating messages and define bell schedules. | | **Users** | | | Users - Internal | admin | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser | | User Groups - Active Directory |  | |
| schedEditor | |  |  | | --- | --- | | **General** | | | Description | Is able to edit only existing bell schedules, possibly with restrictions. | | **Users** | | | Users - Internal | tuser | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal |  | | User Groups - Active Directory |  | |
| speakerAdmin | |  |  | | --- | --- | | **General** | | | Description | Able to administer IP Speakers and monitor microphone-equipped IP Speakers. | | **Users** | | | Users - Internal | admin | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser | | User Groups - Active Directory |  | |
| speakerMonitor | |  |  | | --- | --- | | **General** | | | Description | May monitor microphone-equipped IP Speakers, possibly with restrictions. | | **Users** | | | Users - Internal | admin | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser | | User Groups - Active Directory |  | |
| userAdmin | |  |  | | --- | --- | | **General** | | | Description | Able to administer security by defining Users, Groups and Roles. | | **Users** | | | Users - Internal | admin | | Users - Active Directory |  | | **User Groups** | | | User Groups - Internal | Superuser | | User Groups - Active Directory |  | |

### 7.11.2 Users

Shows the list of users currently set up to use InformaCast. Users can be added and deleted, and roles can be set for each user.

| **Users** | |
| --- | --- |
| **Name** | **User Information** |
| admin | |  |  | | --- | --- | | **General** | | | Login | admin | | First | Application | | Last Name | Administrator | | **Roles** | | | Roles | appAdmin groupAdmin keyAdmin messageAdmin messageEditor messageSender messageSenderDNsRestricted recordedAudioListener schedAdmin speakerAdmin speakerMonitor userAdmin | | **Groups** | | | Groups | UserGroup1 UserGroup2 | | **Parent User Groups** | | | Parent User Groups | UserGroup1 UserGroup2 | |
| tuser | |  |  | | --- | --- | | **General** | | | Login | tuser | | First | Test | | Last Name | User | | **Roles** | | | Roles | appAdmin groupAdmin keyAdmin messageAdmin messageEditor messageSender messageSenderDNsRestricted recordedAudioListener schedEditor | | **Groups** | | | Groups | UserGroup1 UserGroup2 | | **Parent User Groups** | | | Parent User Groups | UserGroup1 UserGroup2 | |

### 7.11.3 Groups

Shows the list of user groups currently set up to use InformaCast. User Groups can be added and deleted, users can be added or removed from groups, and roles can be set for each group.

| **Groups** | |
| --- | --- |
| **Name** | **Groups Information** |
| Superuser | |  |  | | --- | --- | | **General** | | | Name | Superuser | | Description | Has every role available. | | hasFilters | N | | **Roles** | | | Roles | appAdmin groupAdmin keyAdmin messageAdmin schedAdmin speakerAdmin speakerMonitor userAdmin | | **Users** | | | Users |  | |
| UserGroup1 | |  |  | | --- | --- | | **General** | | | Name | UserGroup1 | | Description | Desc UserGroup1 | | hasFilters | N | | **Roles** | | | Roles | messageEditor messageSender messageSenderDNsRestricted recordedAudioListener | | **Users** | | | Users | admin tuser | |
| UserGroup2 | |  |  | | --- | --- | | **General** | | | Name | UserGroup2 | | Description | Desc UserGroup2 | | hasFilters | N | | **Roles** | | | Roles | appAdmin groupAdmin keyAdmin | | **Users** | | | Users | admin tuser | |