



# PushToTalk: Walkie-Talkie and Intercom Together

Singlewire Software's PushToTalk is a walkie-talkie and/or intercom application designed to facilitate quick, easy, and immediate communication between multiple parties or on a one-to-one basis. The walkie-talkie functionality was designed mainly for the Cisco 7921 and 7925 phones, but also works with most Cisco IP desk phones. Simply press the **PushToTalk** side button to begin your PushToTalk session.

## Business Considerations

PushToTalk enhances your communications abilities:

- Increase communication efficiency
- Manage a single infrastructure
- Reduce dependence on cellular walkie-talkie plans
- Expand walkie-talkie functionality to desktop phones by including them in PushToTalk phone groups
- Facilitate effortless communication through hands-free intercom functionality

## Features and Benefits

PushToTalk's features make communicating with groups of people or a single person as easy as pressing a button:

- Set up optional or automatic PushToTalk sessions, where "optional" means users can accept or reject the session (sessions can be joined immediately, later, or not at all) and "automatic" means users automatically join the session
- Create groups that consist of any combination of supported phones
- Add any number of phone groups to a session and any number of phones to a given phone group
- Conduct a PushToTalk session with a single user through the One-to-One option
- Use the One-to-One option to create hands-free intercom sessions
- Notify users of the initiation and conclusion of PushToTalk sessions through alert tones
- Exit a PushToTalk session at anytime
- Answer a phone call and re-join a PushToTalk session once that phone call ends
- View the name and number of the person talking in a session on your phone's display
- Optionally skip any phones in use at the time of a session's initiation
- Display a list of users in a session (initiator only)
- Centrally manage, monitor, and control phone groups and PushToTalk sessions

- Control the phone groups that users can access
- Restrict the groups a phone can start a PushToTalk session with to the groups to which that phone belongs

## Typical Uses

PushToTalk was designed to facilitate quick and easy communication. Some real-life uses of PushToTalk include:

- **Emergency conferences.** Initiate a PushToTalk session during an emergency situation to give and receive instructions and information.
- **Selective communications.** Organize phones into logical groups (e.g. Branch Manager Group, Security Group, or a Marketing Group) to reach the right people with the right information.
- **Medical facility communications.** Create an immediate communication line for groups of nurses, physicians, or medical departments.
- **Retail staff communications.** Keep floor staff in contact with the office and with each other, and allow for quick responses to customer requests.
- **School communications.** Allow the principal or office staff to contact a teacher directly without the teacher having to lift a finger or even cross the room to participate.

## Requirements

PushToTalk has the following requirements:

- Windows 2003 or 2008 Pentium-class server
- 2.5 GHz processor and 1 GB RAM
- Cisco Communications Manager v5.1.3 through v8.0 or Communications Manager Express v8.0
- Multicast-enabled network

## Cisco Phone Compatibility

PushToTalk is compatible with the following Cisco phones:

- 7905/06
- 7911/12
- 7920/21/25
- 7931
- 7940/41/42/45
- 7960/61/62/65
- 7970/71/75

## Ordering

PushToTalk can be purchased in groups of 50-endpoint licensing bundles.

For more information or to learn about other Singlewire IP telephony applications, contact your local Singlewire representative.

### About Singlewire

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