





PRESENTED BY:

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Fit for Purpose Hardware / Software

YESTERDAY



































Single Device / Multi Purpose

TODAY and...

















INTEGRATE APPLICATIONS

- PBX IP Voice
- Push-to-talk
- Messaging
- Data Capture
- Line of Business Application

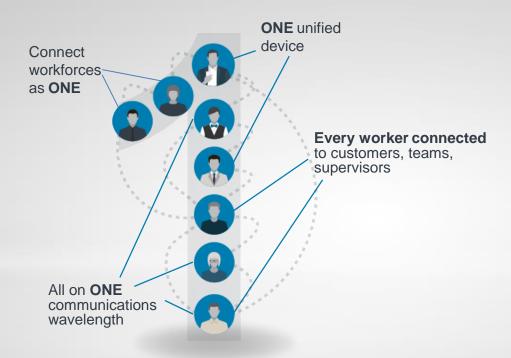
INTEGRATE APPLICATIONS

- Connects workflow and information using multiple modes of communication
- Integrates disparate workflows and technologies
- Customize by role

INTEGRATE APPLICATIONS

- Streamlines process, increasing operational visibility and efficiency
- Improves customer experience, bringing business applications to users when needed





The Power of One: The Impact of Many



WORKFORCE CONNECT VOICE CLIENT

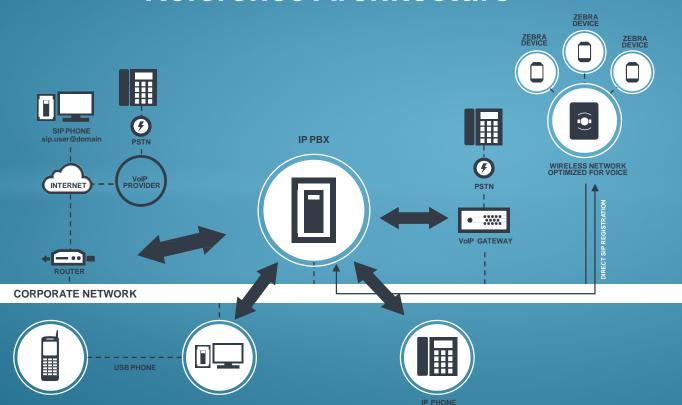
ENTERPRISE-CLASS MOBILE TELEPHONY WITH PUSH-TO-TALK CO-EXISTENCE

SIP Telephony Categories



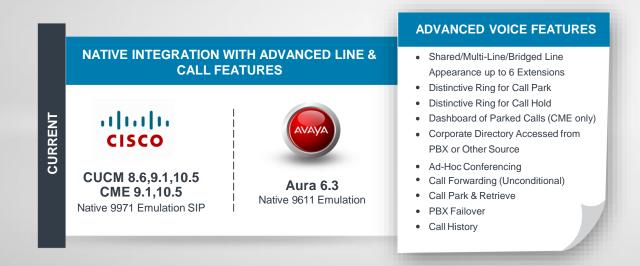


Reference Architecture



PBX Integration Roadmap

Flexibility for multiple PBX brands for large enterprises





















PBX Integration Roadmap

Flexibility for multiple PBX brands for large enterprises





















Flexible Screen Configuration

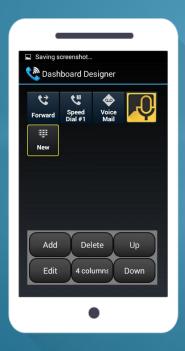


HOME SCREEN

IN-CALL SCREEN

Custom User Experience

Flexible User/Group Profiles

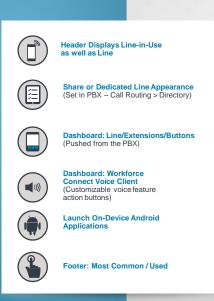








Home Screen Configuration







Dashboard Configuration



In-Call Screen Customization





In-Call Configuration Example

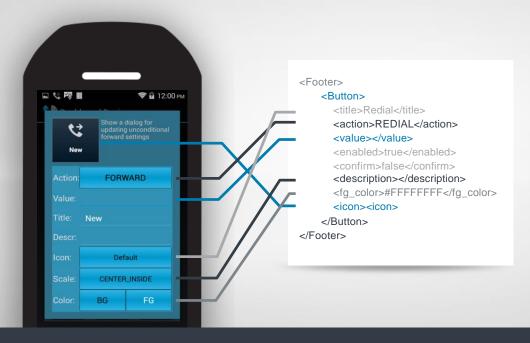


CUCM User Directory



- Custom button to display PBX User Directory
- Value is: https://X.X.X.X:8443/ccmcip/xmldirectoryinput.jsp

In-Call Footer Configuration



- Defines the buttons, or soft keys, on the optional footer section of the client screen
- Buttons are listed in the order they appear on the screen

Shared Device Login Options



- User selects their profile from a scrollable menu
- 2 User clicks on their role
- The WFC Client downloads the profile and PBX information from the TFTP server
- WFC Client registers with the PBX
- 5 When user is done with their job, they log out
- Scrollable menu reappears for the next user

In-Call Application Examples



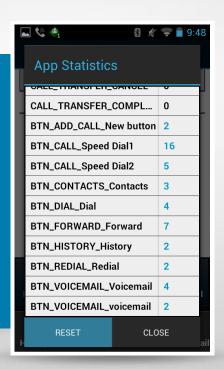
User Feature Usage Capture for Analytics



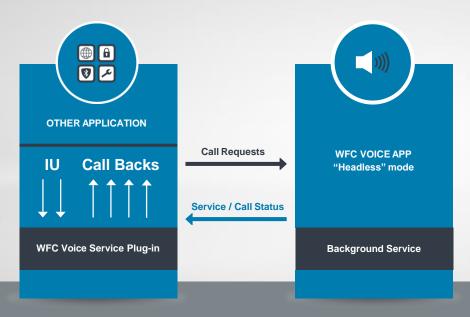


MDM can Pull Data for Parsing





3rd Party Application Integration



- "Headless" client mode
- Background service to allow for 3rd party apps to manage calls
- · Remotely manage calls with API
- Create custom UI screens for business application integration



Industry-Leading Roaming Devices







TC70

MC40

TC75

Enterprise Roaming Devices



WORKFORCE CONNECT PTT EXPRESS

SMALL GROUP COMMUNICATIONS

FOR REMOVING COMMUNICATION BOUNDARIES

PTT

PTT Express Current Offering

Features:

- Delivered as part of the device BSP
- . Group talk only with private reply
- . Limited to 75 enabled devices
- Included on most Zebra mobile computers
- Some client configuration required
- Multi-cast protocol
- Single subnet configuration
- Compatible with new WFC Inter-Working Gateway





REMOVING COMMUNICATION BOUNDARIES



Introduction

Encrypted Communications

- Push-To-Talk (PTT) Voice
- Multi-Media Messaging

Flexible Delivery Model

- Network/Carrier Agnostic
- Multiple Language Client

Location Services

- Live Position
- Historical Position(s)

Multiple Platform Integration

Software as a Service (SaaS) or On-Premise Options Available

User Management Web Portal





Calling Features



Private Calling

 Initiate a secure voice session to a single subscriber in a contact list



Group Calling

 Initiate a secure call to a preconfigured group of users



Ad-hoc Group Calling

 User selects various other Users in a contact list to establish an instant group call



Barge & Alert Calling

- Barge Calling for urgent communication
- Alert Mode for non-critical communication



Re-Join on Group Calls

- Users can Re-Join ongoing group calls
- Users can Late Join group calls



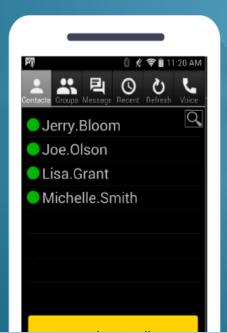
Priority Call Override

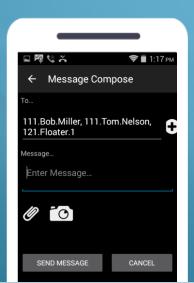
- In-Call Talker Override for designated Users
- Priority override of ongoing PTT calls

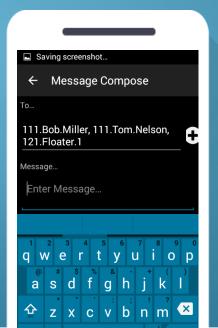


Private Messaging

Create and receive secure text messages to or from other individuals.









Group & Ad-hoc Group Messaging

Create a secure text message that is sent to multiple users at the same time or create an ad-hoc group and send messages.

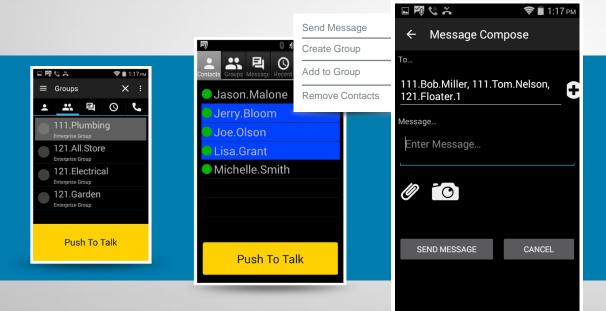


Image Attachment

Attach a picture or image to an individual or group message.





Pre-Configured Messaging

← Message Compose 121.Electrical Customer Help Aisle Customer Help Dept Cleanup Aisle Specialist Electrical CANCEL SEND MESSAGE

阿田公子 **₽** ■ 5:42 PM Message Compose 121.All.Store CustLoading Message. Customer need help loading in SEND MESSAGE CANCEL

Respond or send a pre-configured message.

(Support on Apple will be released in 1H2017)

Presence Features

Status for each subscriber indicates availability.

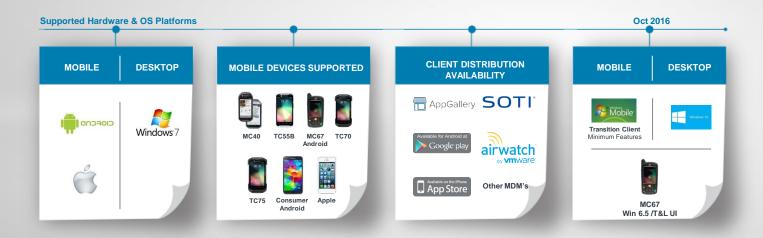
Contact Presence Indicators

- Contact is available
- Contact is on a call
- Contact is in Do Not Disturb (DnD)
- mode Contact is in silent/vibrate mode
- Contact's device is off or out of coverage area
- Contact's device is signed out of Zebra PTT
- Pro Contact is blocked
- Contact is not responding to Zebra PTT Pro communication

Contact Presence Indicators

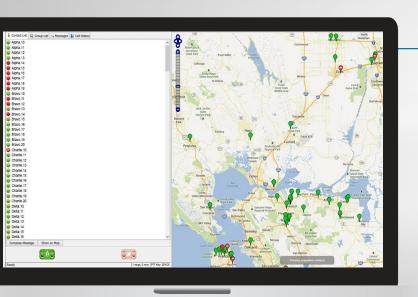
- Group is not active
- Group is active in call
- Group is blocked

Supported Platforms and Devices





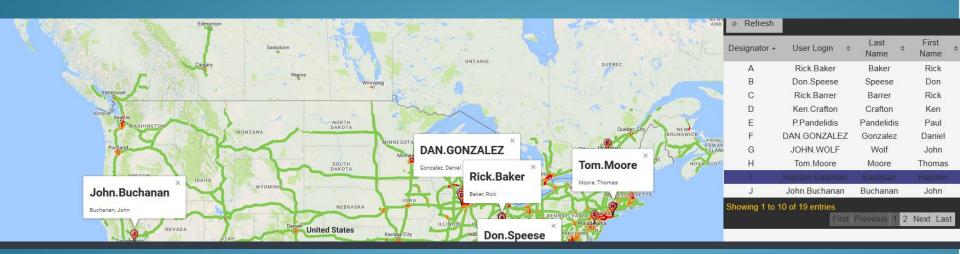
Windows Desktop With Fleetcom Features



Communicate from a Desktop or Laptop

- Enable office employees to connect with the field anywhere in the world
- Enabled for PTT Voice and Messaging
- Monitor multiple talk groups
- Determine location for enhanced response
- Communicate via LMR Gateway to on-site two-way radios

Fixed Location Services





View Location of Users on

- End User Device
- Web Portal
- Individual
- Department Level View



User / System Configurable Options

- System Feature On/Off
- User Disablement Option
- Off Duty Mode



Location Services Historical Options



Collection Options

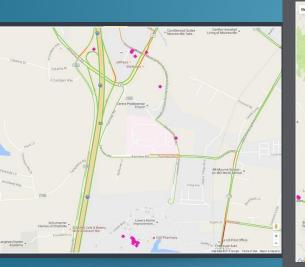
- · Breadcrumb Interval
- Upload Interval
- · Information collected for each user
- Date/Time Stamp
- Coordinates
- Speed
- Direction

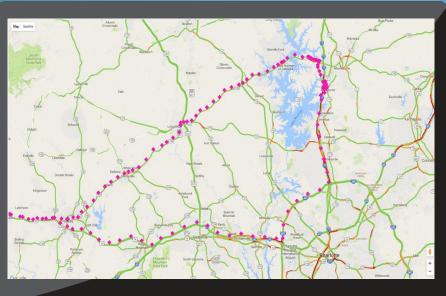
Breadcrumb Web Portal

- · View 1 to 10 end users
- Data is exportable
- Date kept for 6 months



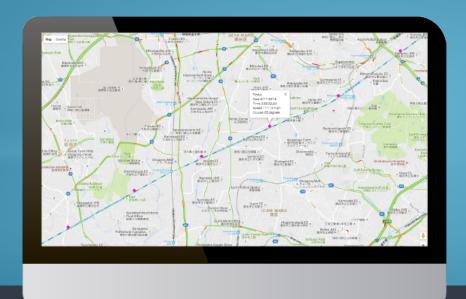
Location Services Historical Breadcrumb Example





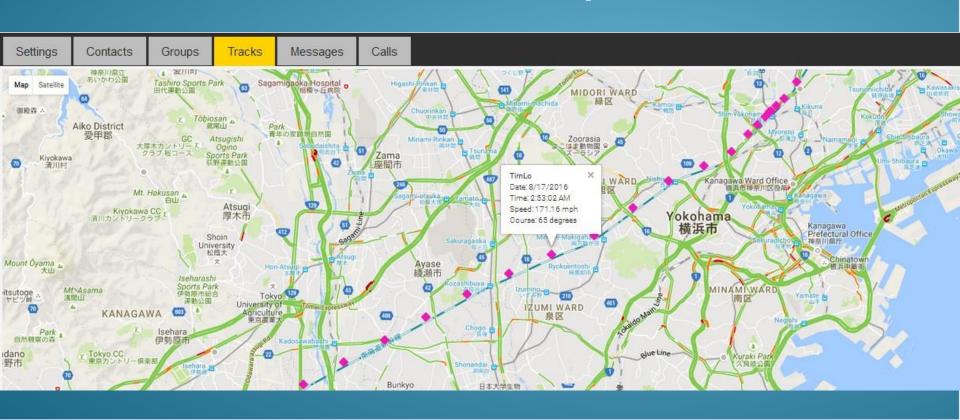


Historical Breadcrumb Example





Historical Example



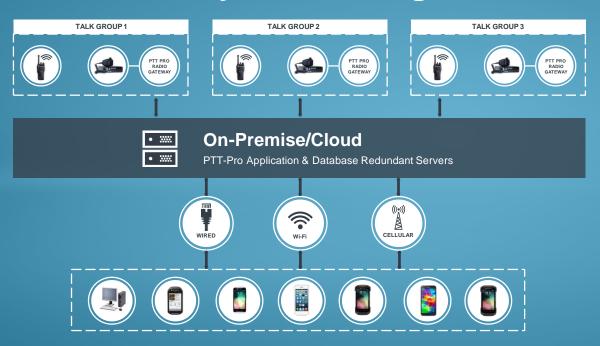


WORKFORCE CONNECT PTT PRO INTEROPERATION WITH TWO-WAY RADIOS



PTT PROINTEROPERATION

Two-Way Radio Integration



- Simple Donor Radio / Gateway Combination
- Simple Deployment with Talk Group Mapping to PTT PRO
- Talk Groups can be accessed by anyone on PTT PRO platform with permissions



WORKFORCE CONNECT PTT PRO ADMIN PORTAL



Centralized Flexible User Administration





Contact Management

- Primary Contact
- Admin Contact
- Technical Contact
- Billing Contact

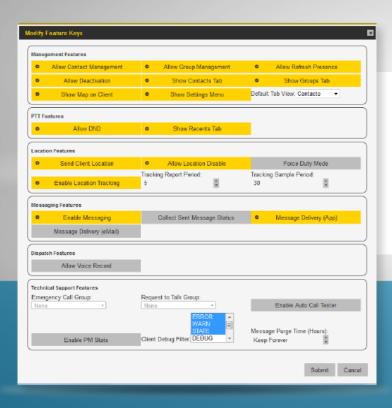


Analysis

- Usage reports of customers and departments
- Data available for six months to customers
- Trending analysis



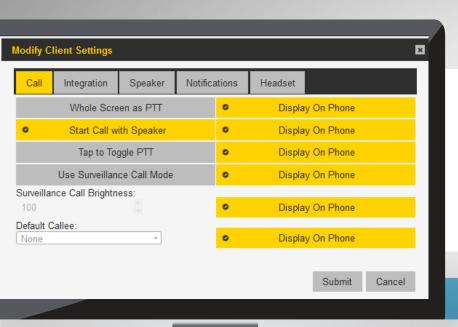
User Settings



- Management Features
- PTT Features
- Location Features
- Messaging Features
- Dispatch Features
- Technical Support Features



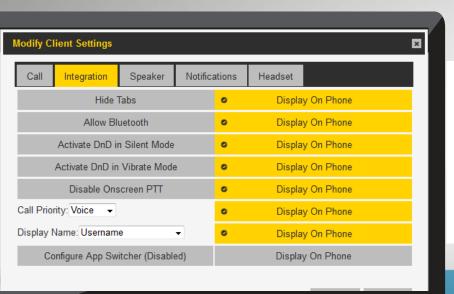
Call Settings



- Whole Screen PTT
- Start Call with Speaker
- Tap or Hold for PTT
- Surveillance Call Mode
- Call Screen Brightness
- Default Callee



Integration

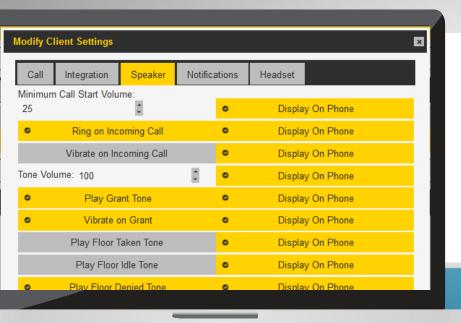


- Tab Configuration
- Bluetooth On/Off
- DnD Silent Mode Control
- DnD Vibrate
- On-Screen PTT Button

- Control
- Call Priority
- Display Name
 - Username
 - First, Last
 - Last, First



Speaker

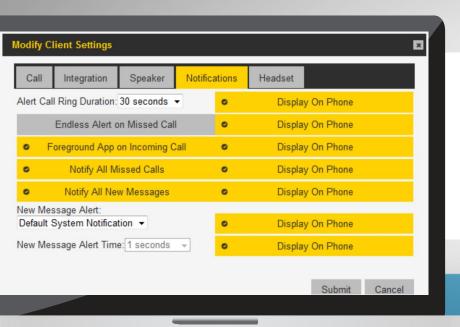


- Incoming Call Control
- Tone Volume
- Grant
 - Tone
 - Vibrate
- Floor
 - Taken Revoked
 - Idle Lost
 - Denied

- Volume Boost
- Ring Gain
- Busy Bonk



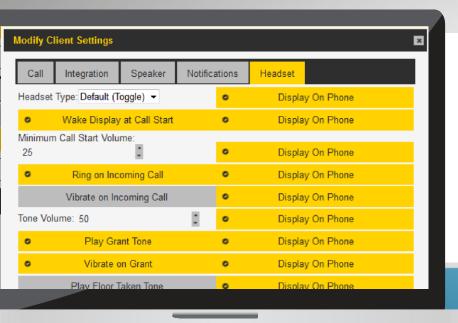
Notifications



- Missed Call
- Incoming Call
- Notify All Missed Calls
- Notify All New Messages
- Default New Message Alert
- Message Alert Time



Headset



- Headset Type
- Wake Display
- Incoming Call Control
- Tone Volume
- Grant
 - Tone
- Vibrate

- Floor
- Taken
- Idle
- Denied
- Revoked
- Lost
- Volume Boost
- Ring Gain
- Busy Bonk



Removing Communication Boundaries

Retail







Removing Communication Boundaries

Hospitality







Removing Communication Boundaries

Healthcare





Removing Communication Boundaries

Manufacturing





Removing Communication Boundaries

Transportation & Logistics



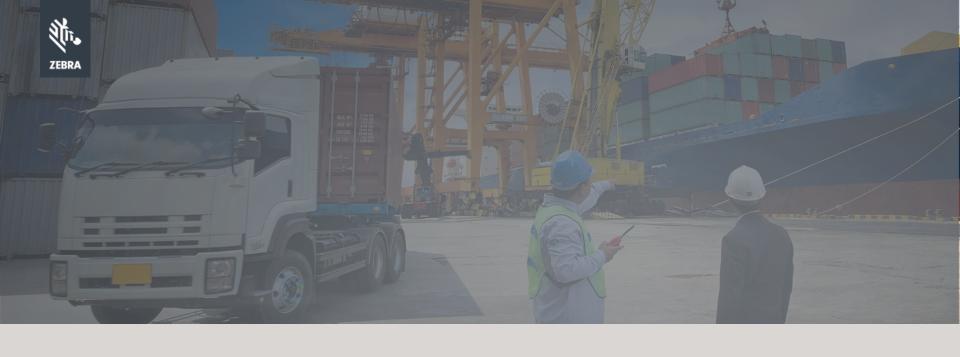




CF Communications Wavelength

Truly Mobile Workforce

That's the real **power of one** that unleashes the impact of many.



ANY QUESTIONS?







zebra.com/workforceconnect