

Android PTT (Push-to-Talk) over IP Solution



Preliminary Product Overview

(Without notice, following described technical spec. can be changed)

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Contents

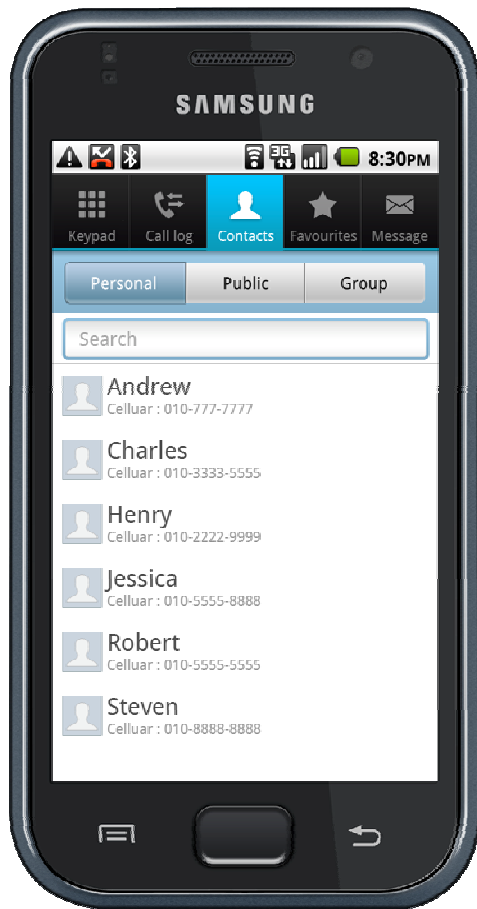
- Android PTT Service Features
- Android PTT Network Diagram
- Android PTT Call Service Examples
- Android PTT Call Scenario
- Android PTT Solution Components
 - IPNext280PTT(Hybrid IP-PBX + PTT Server)
 - LMR(Land-to-Mobile Radio) Gateway for PTT Service
 - AP-WP100P Wi-Fi Phone for PTT Service
 - AP-IP300 IP Phone for PTT Service
 - Network Management System

Android PTT Service Features

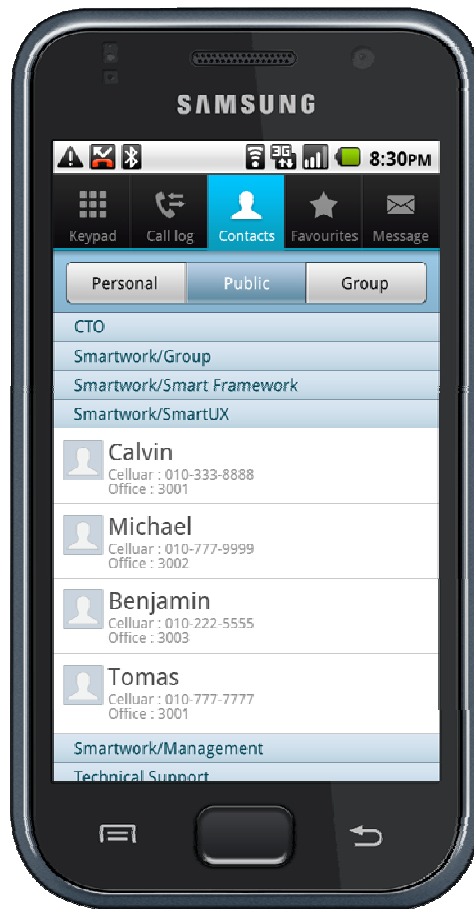
- Android OS Support (Galaxy S, Galaxy U, etc)
- Wifi based PTT over IP Service
- 3G based PTT over IP Service (mVoIP)
- SIP based Point-to-Point VoIP Call Service
- SIP based Group(PTT) VoIP Call Service
- Emergency PTT Call Service
- Various IP-PBX Call Scenario
 - Hold/Resume , Transfer , Call Waiting
- Personal, Public, Group Address List Support
- Use Internal Contacts List for Personal Phone Book

Example

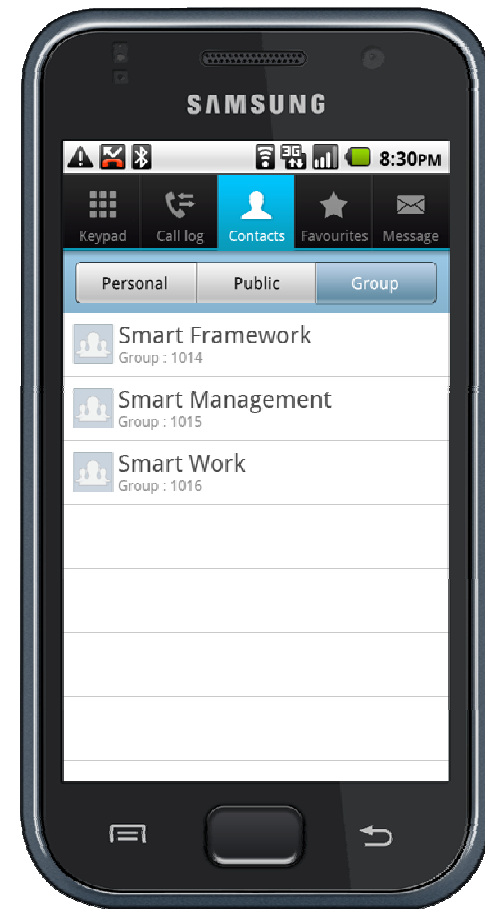
- Personal Phone Book is synchronized with built-in Contacts



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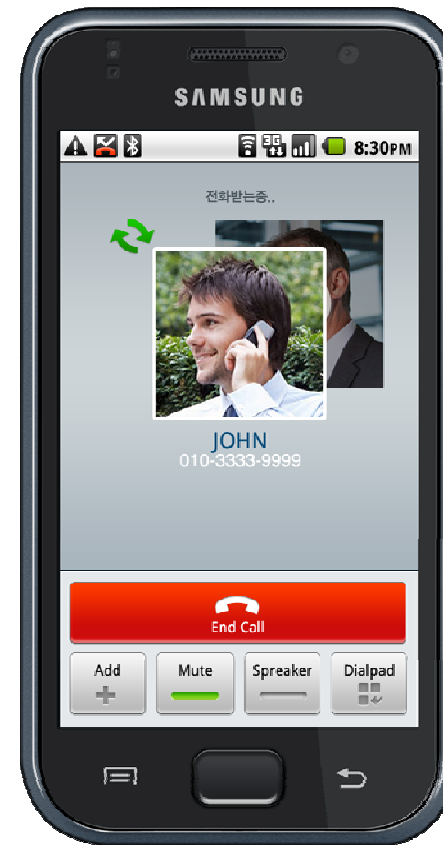
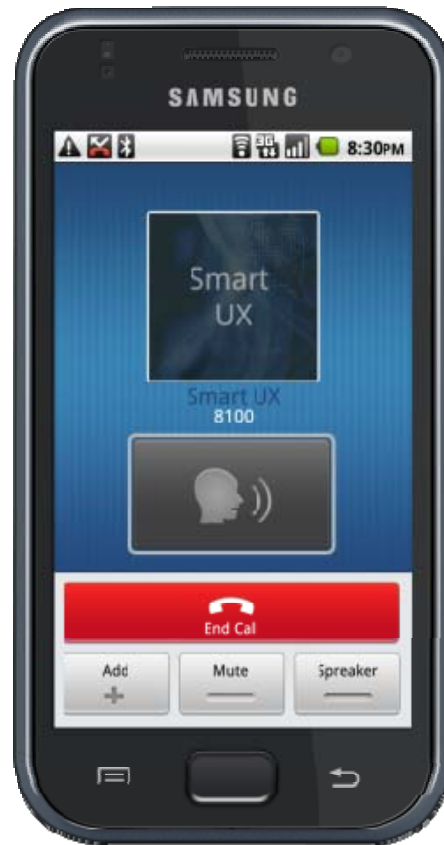


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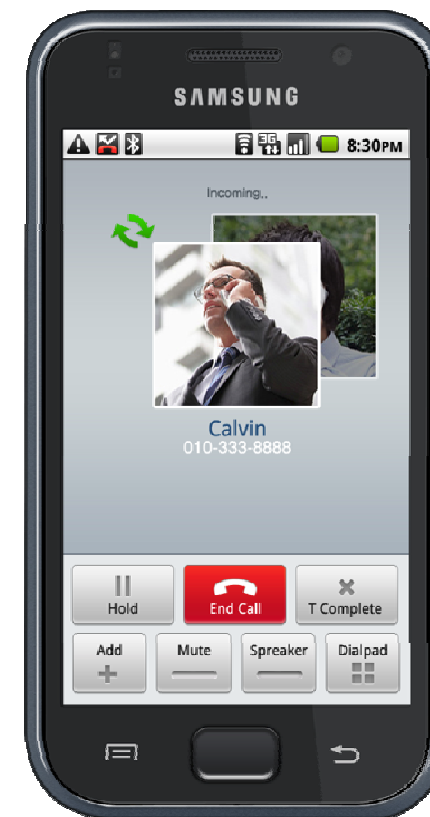
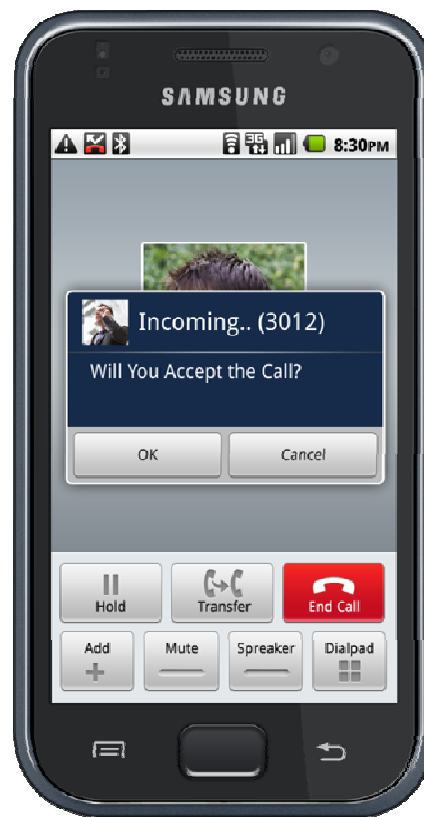
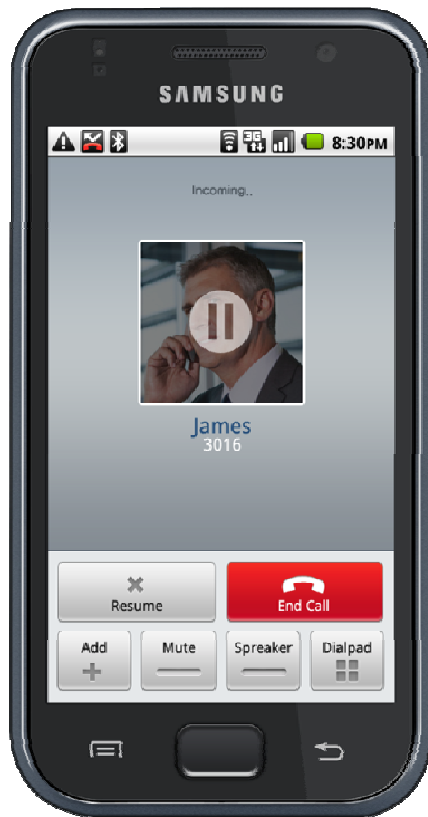
Example

- Display user profile in call
 - User Name, Phone Number, Photo

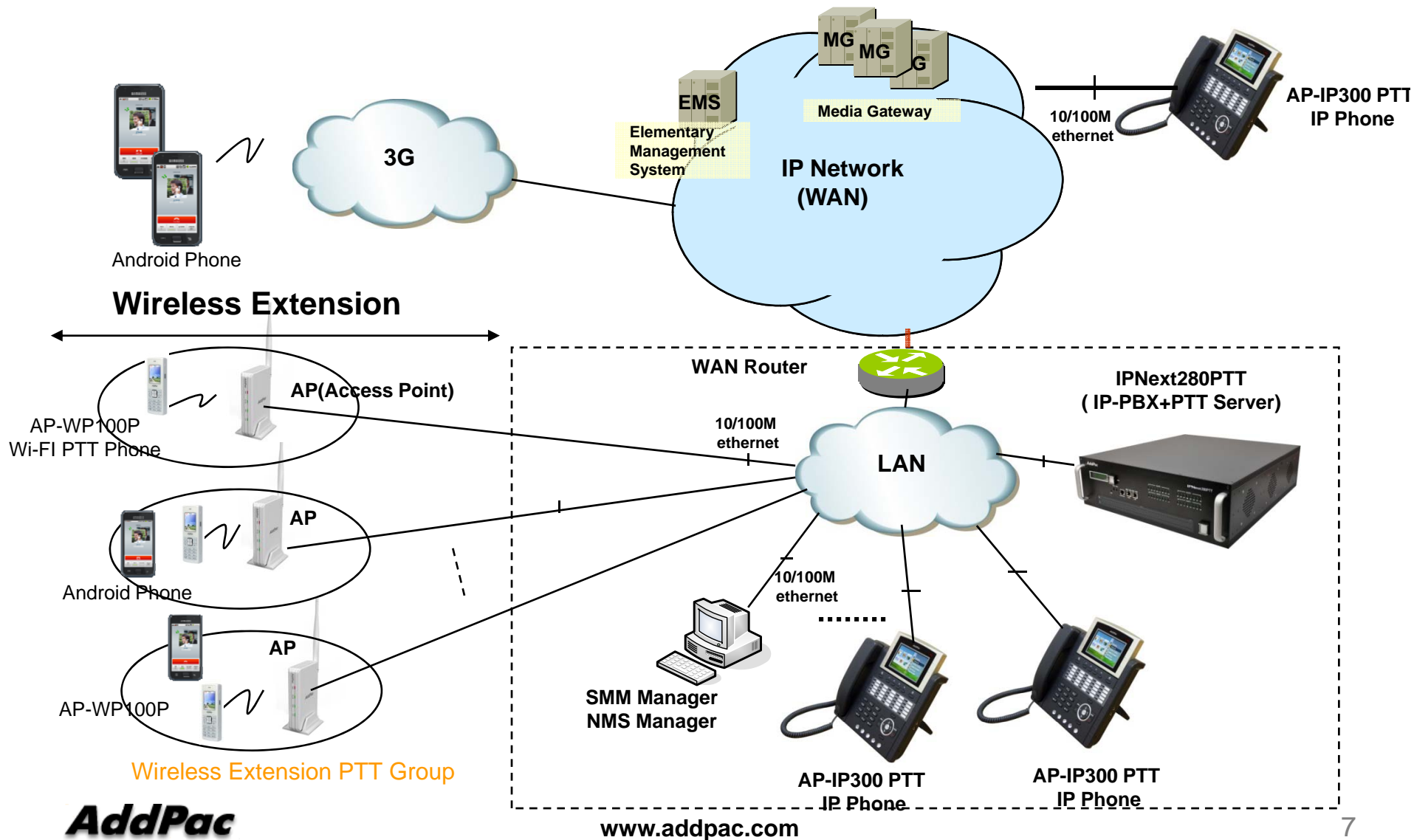


Example

- Support IP-PBX call features
 - Hold/Resume , Transfer , Call Waiting



Android PTT Network Diagram



Android PTT Call Scenario (example)

- PTP Call Scenario
 - Basic Call and Display user profile
 - Hold / Resume
 - Call Waiting
 - Call Transfer
 - 3G to 3G basic Call
- PTT Scenario
 - Basic Call (Wi-Fi to Wi-Fi)
 - Basic Call (3G to 3G)

Android PTT - Call Scenario

- Basic Call and Display user profile

- Android Phone(3014: Wi-Fi)



Android Phone(3016:3G)



Android PTT - Call Scenario

- Hold / Resume

- Android Phone(3014: Wi-Fi)



Android Phone(3016:3G)



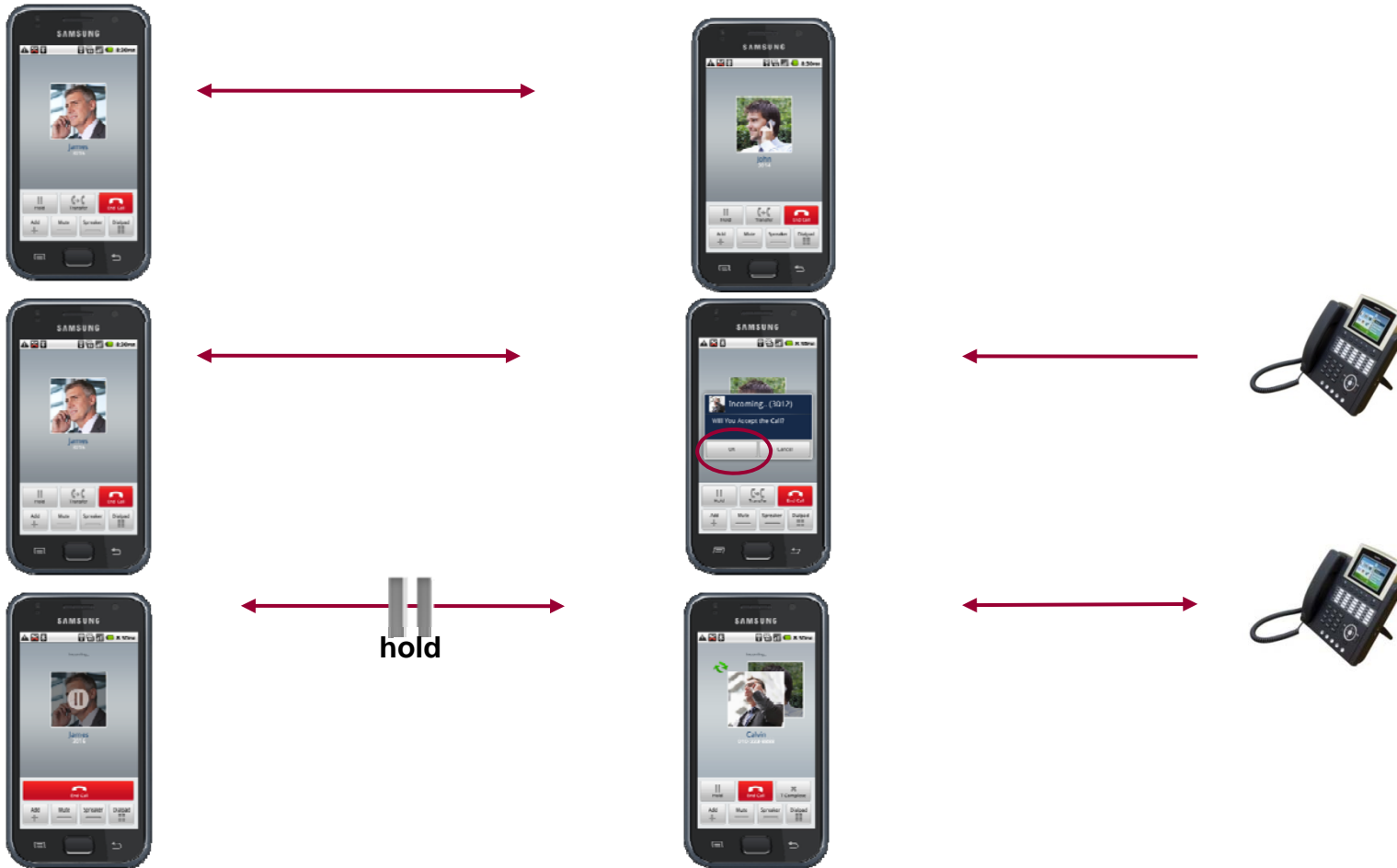
Android PTT - Call Scenario

■ Call Waiting (1)

- Android Phone(3014: Wi-Fi)

Android Phone(3016:3G)

AP-IP300 (3012)



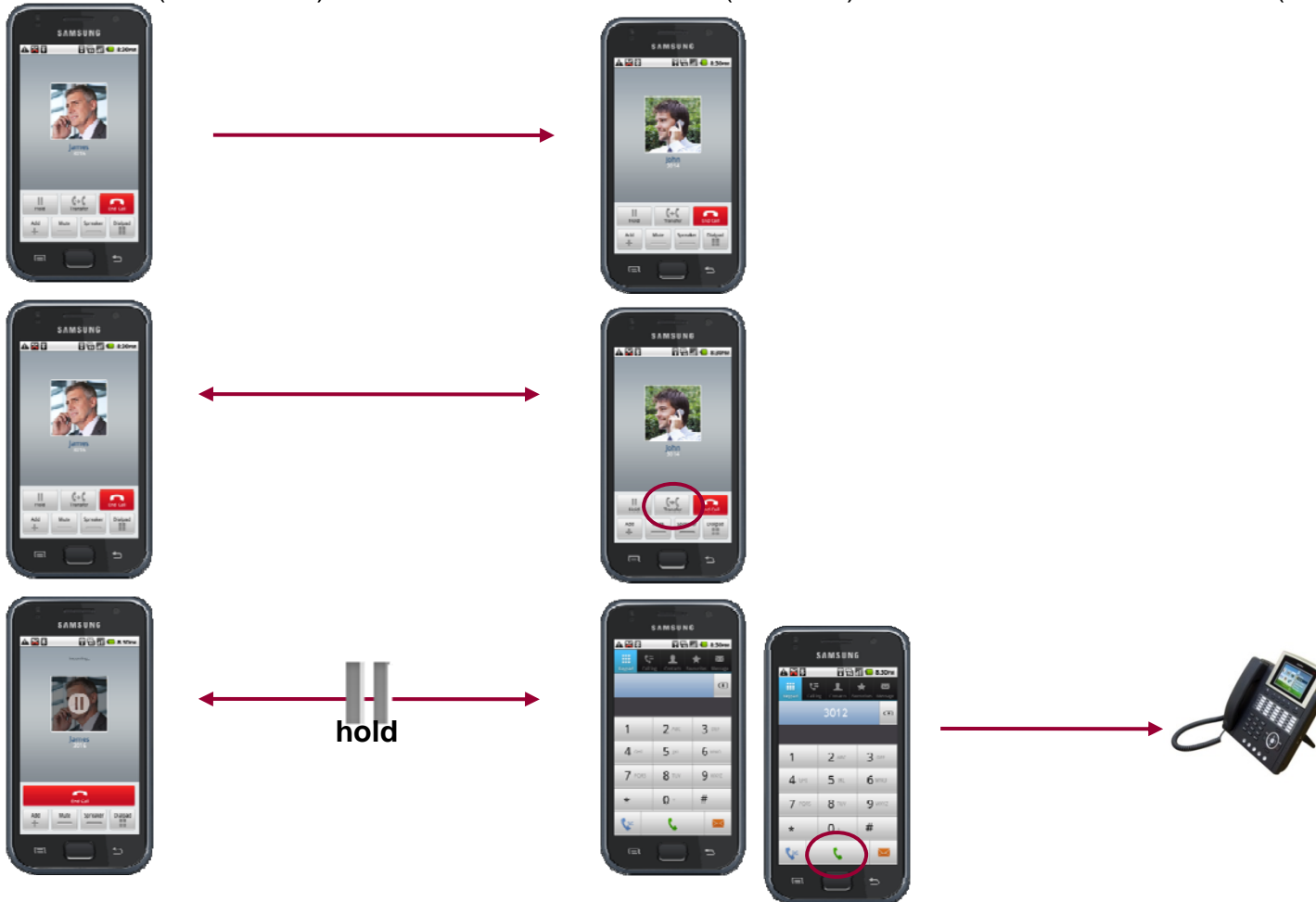
Android PTT - Call Scenario

- Transfer (1)

- Android Phone(3014: Wi-Fi)

Android Phone(3016:3G)

AP-IP300 (3012)



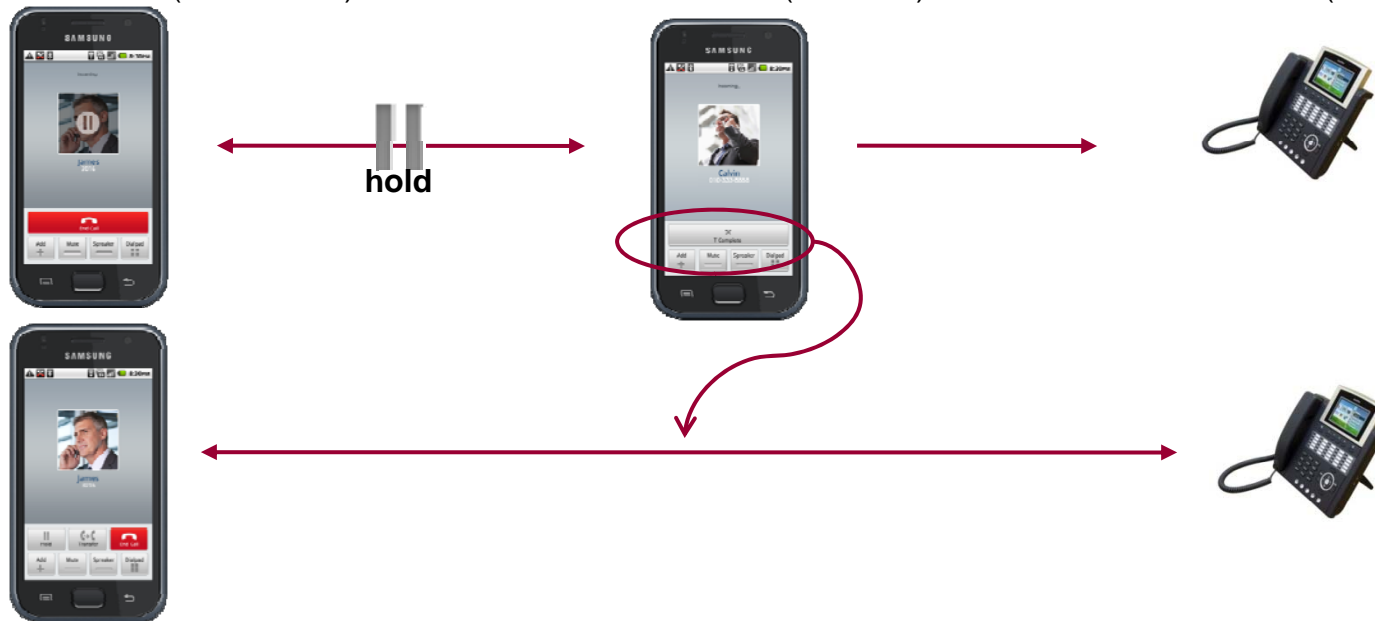
Android PTT - Call Scenario

- Transfer (2)

- Android Phone(3014: Wi-Fi)

Android Phone(3016:3G)

AP-IP300 (3012)



Android PTT - Call Scenario

- 3G to 3G basic Call

- Android Phone(3014: 3G)



Android Phone(3016:3G)



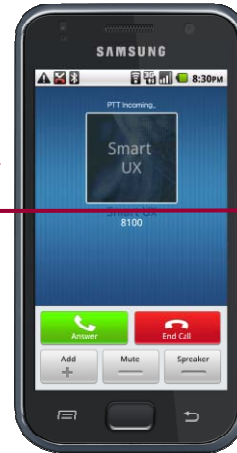
Android PTT - PTT Scenario

- basic Call (Wi-Fi to Wi-Fi)

- Android Phone(3014: Wi-Fi)

Android Phone(3016:Wi-Fi)

AP-IP300 (3012)



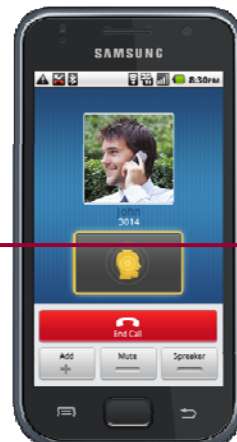
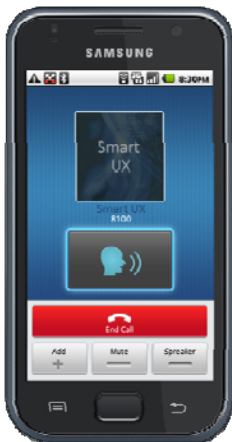
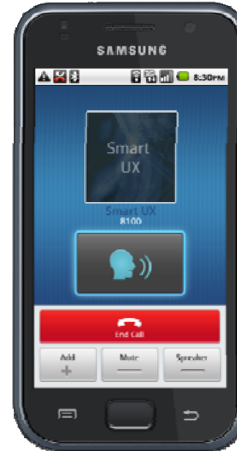
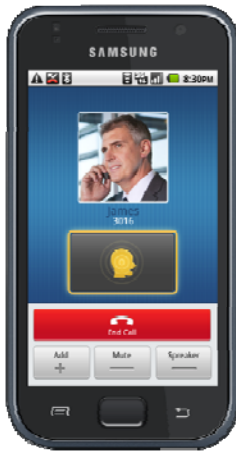
Android PTT - PTT Scenario

- Basic Call (Wi-Fi to Wi-Fi)

- Android Phone(3014: Wi-Fi)

Android Phone(3016:Wi-Fi)

AP-IP300 (3012)



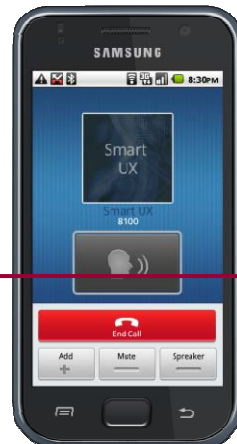
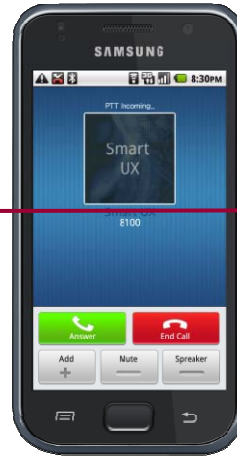
Android PTT - PTT Scenario

- Basic Call (3G to 3G)

- Android Phone(3014: 3G)

Android Phone(3016:3G)

AP-IP300 (3012)



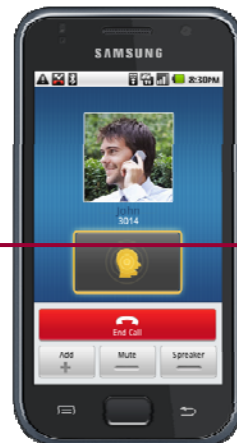
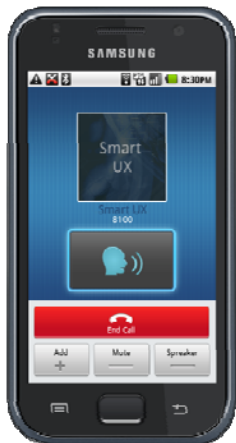
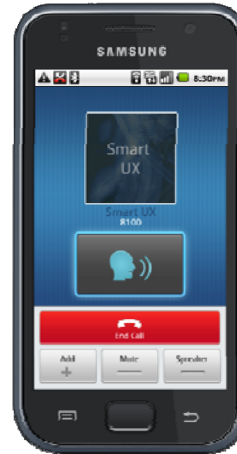
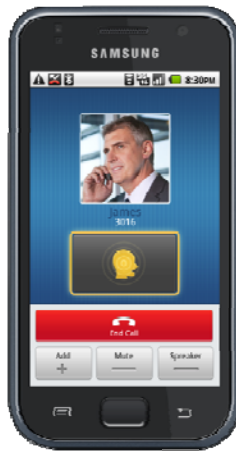
Android PTT - PTT Scenario

- Basic Call (3G to 3G)

- Android Phone(3014: 3G)

Android Phone(3016:3G)

AP-IP300 (3012)





Thank you!

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