MICHIGAN STATE UNIVERSITY Beta Presentation Android VoIP Communications System

The Capstone Experience

Team Raytheon

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Spring 2012



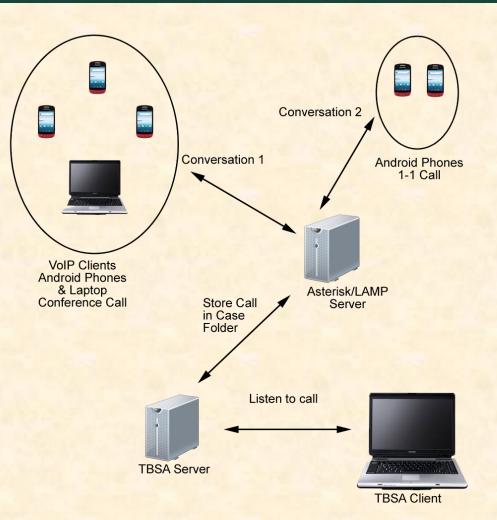
From Students... ...to Professionals

Project Overview

- VoIP collaboration
- Hands free radio programming

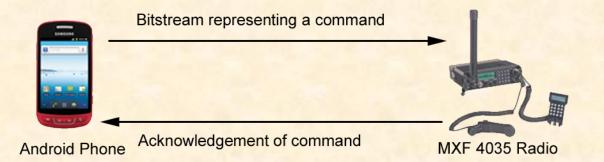


System Architecture





System Architecture





Desktop Application

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ile <u>E</u> dit Recordings		
Call a User		
Bob AndTom		🙆 On Call
Paul Williams		
Ben George		Fire Coordination Net
Dan George		
Billy TheKid		Connected Callers
Jeremy Hiss	Full name: Ben George	William Shake
Dave George	TBSA User ID; colt1	
John Doe	Asterisk Extension: 3	Invite another user
Barry Peterson	Talking Hangup	BenGeorge
Thomas Crown		FrankSmith
Frank Smith		
TBSA TBSA		
Call a Group Channel		Talking Hangup
Fire Coordination Net		

Desktop Application

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	First Name 👻	Filter		Domain	35.9.22.10
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	Play Paul Williams		100	TBSA Address	35.9.22.24
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	Play Paul Williams Ben George	:05			
	2012-03-27 06:14 Bob AndTom Paul Williams Ben George	:08			

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Close

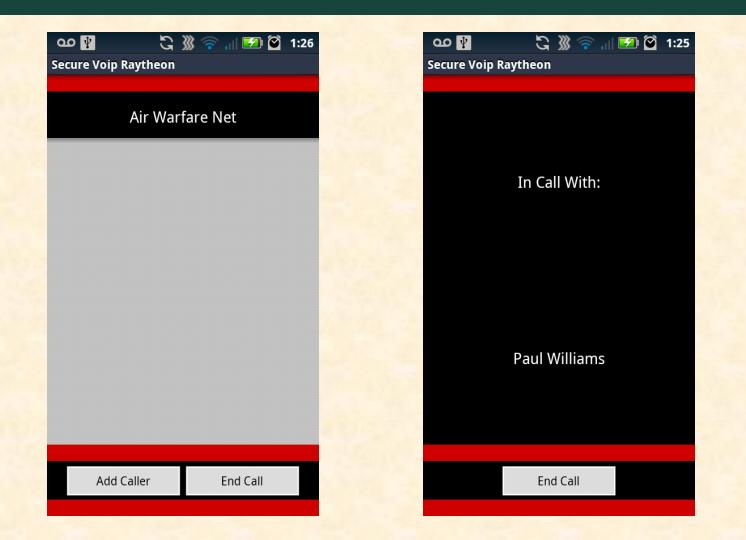
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35.9.22.246

192.168.1.199

Apply

Android VolP Application

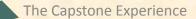




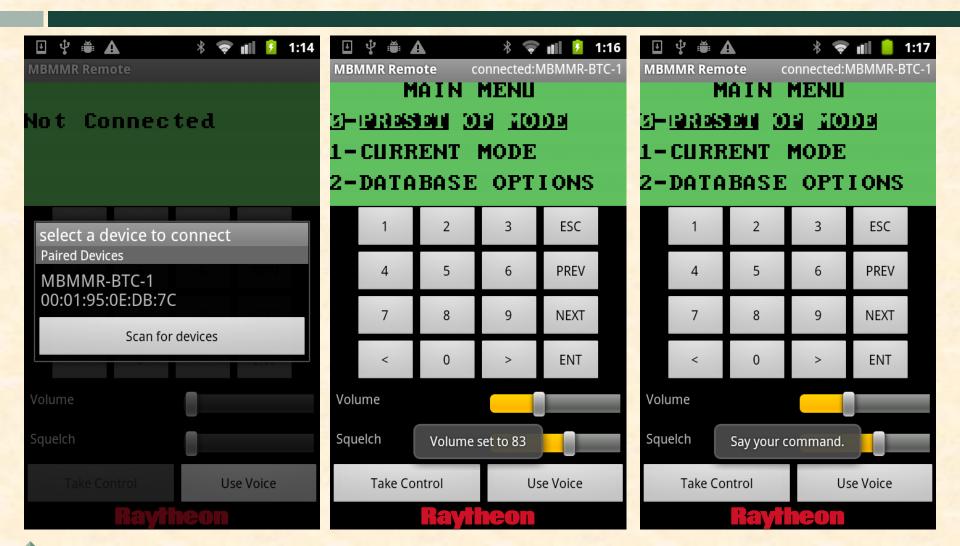
Android VoIP Application

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Registered								
Air Warfare Net EXT:19								
Paul Williams EVT-12								
Paul Williams EXT:12								
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Radio Application



The Capstone Experience

What's left to do?

- Various Bug Fixes
- Video
- Project Plan
- Administration Manual