

Cloud TC – VOIP based Android system

Cloud TC achieved Android's OS level customisation and exploited the complete potential of the open SDK.



Cloud Telecomputers

Location:
USA

Project:
Cloud TC

Industry:
Telecom

Technologies:

- VoIP Telephony
- Android

Business Benefits:

Customer

- Enhanced communication
- Cheaper call options
- Personalized UI experience

Quality

- Firmware deployed on next Generation hardware

Client

Cloud TC, a San Francisco-based software innovator in business applications and IP telephony, enables powerful business communication products under the brands of its partners. Clouds TC have built a platform called Glass for creating Android-based media phones for business. It license this platform — which includes next-generation hardware, software and cloud-based applications — to phone and PBX manufacturers and telecom service providers, so it can deliver devices and web services in a fraction of the time and cost required by in-house development.

Business Needs

- To develop a touch screen Android based IP phone, modeled roughly after an Apple iPhone
- Firmware development with new hardware interaction
- To change the original GSM telephony of Android to VoIP Telephony

Our Role

- Implement new firmware and application software on top
- Integrate VoIP functionality into Android
- Modify/enhance the call management logic and UI in Android
- Modify Android's default UI to the Client's custom UI

Solution overview

The solution was aimed at integrating VoIP functionality into Android SDK, modify/enhance the call management logic and GUI, ultimately enabling a altogether completely personalized user experience

Highlights

- A unique combination of Business & IT team (both from the service provider) align to the common goal
- Exploited the full potential of Android SDK
- Replacing GSM based telephony with VoIP telephony