Migrating from Land Line to Cellular Wireless

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Migrating from Land Line to Cellular Wireless

Issues:

Limited Minutes

Poor Reception/Dead Spots

Voice Mail lacks features of answering machine

Solutions

Connect Mobile Phone to broadband connection Grand Central gives permanent phone number and call screening

Connect Mobile Phone to broadband connection

Improved reception in dead spots

Plan includes unlimited minutes when connected via broadband

T-Mobile Hotspot @ Home or Sprint Airave

T-Mobile Hotspot @ Home

UMA over WLAN

(Unlicensed Mobile Access over Wireless LAN)

Requires special WiFi Phones

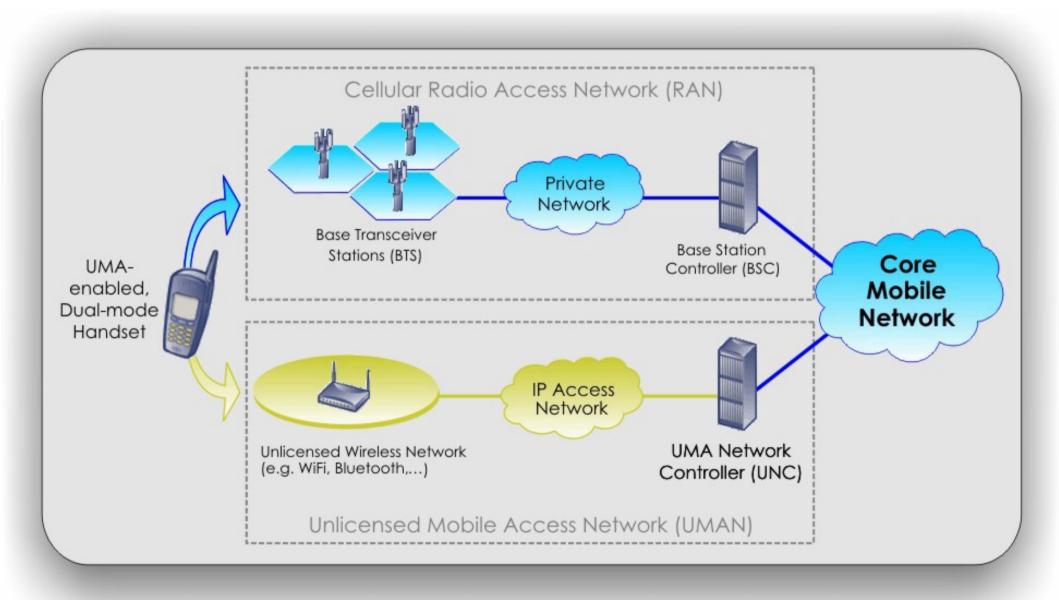
Works with any open WAP (Wireless Access Point)

UMA Standards

Seamless handoff between UMA and Cell Tower Reduces load on provider's network

Encourages subscriber to use mobile phone as primary if not only phone service at home and office

UMA Standards



UMA standards announced in August/September 2004

Published by 14 companies including:

Alcatel

AT&T

 BT

Cingular

Ericsson

Motorola

Nokia

Nortel

02

Rogers Wireless

Siemens

Sony Ericsson

T-Mobile USA

T-Mobile Hotspot @ Home New router coming Spring 2008

allows adding up to two VOIP landlines, unlimited nationwide calling



Sprint Home Cell Tower

Femtocell (Airave)

Works with any CDMA (Sprint or compatible, but not Nextel) phone



Sprint Home Cell Tower

Faster (3G) Femtocells shown at CTIA Wireless conference

Airvana Samsung Motorola Alcatel-Lucent

Grand Central

simulates features of hardware answering machine

voice mail recorded as MP3 files

accessible from web browser or phone, mobile or fixed

http://grandcentral.com

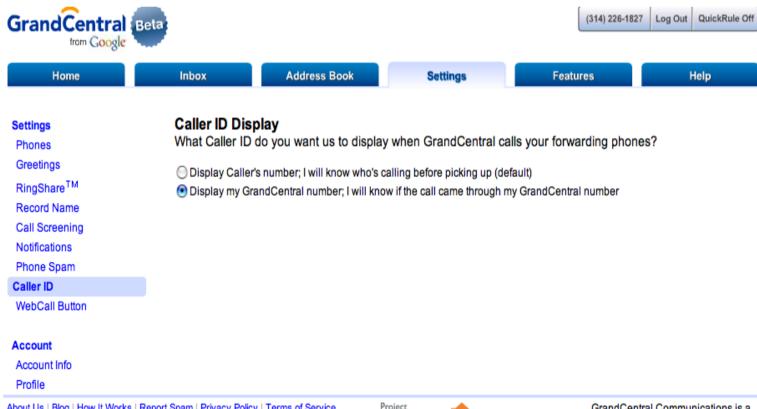
Grand Central

Permanent phone number

Port from existing number (ideal), or Establish GC number initially, or Forward from existing number

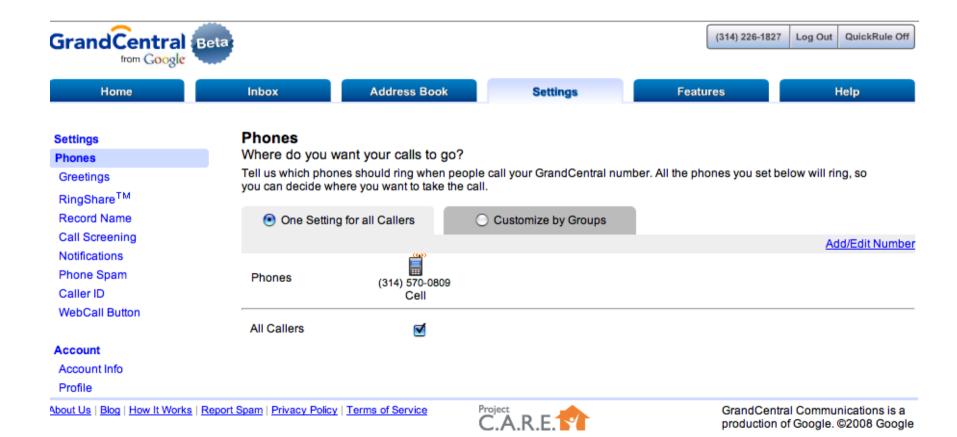
Caller ID

Show caller's number, or **Show Grand Central number**



Phones

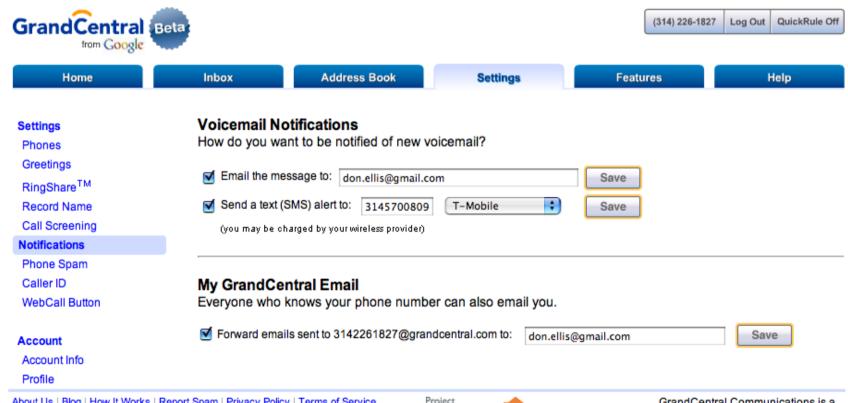
Direct calls to multiple phones Choose phones by groups



Custom Notifications

Choose email, SMS

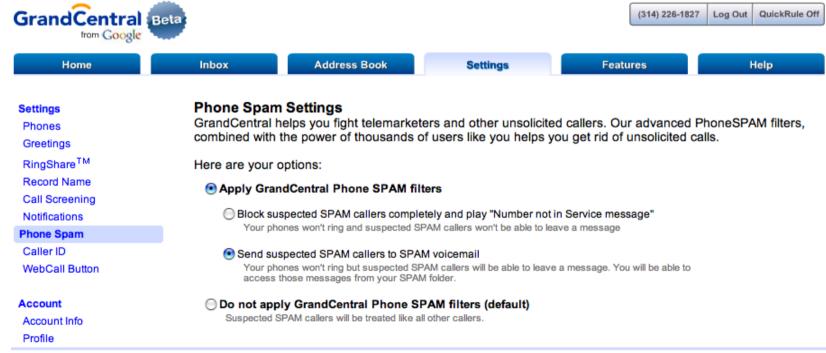
Forward email from GC to regular email





Spam Filtering

Redirect unwanted callers to voicemail, or play "Number not in service" message

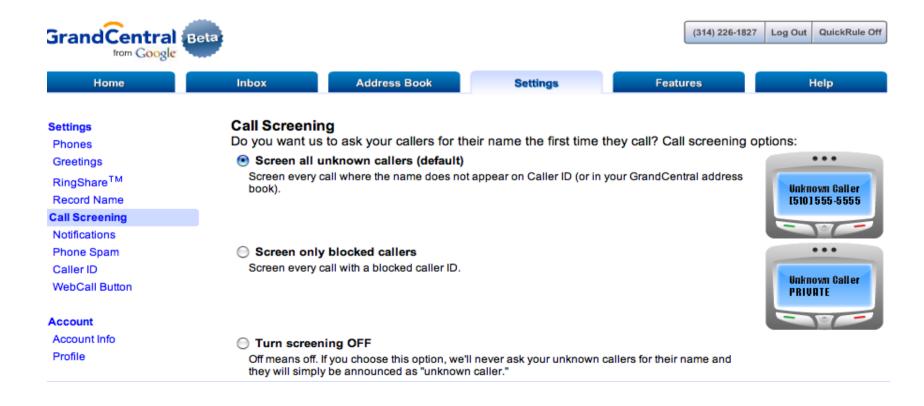




Call Screening

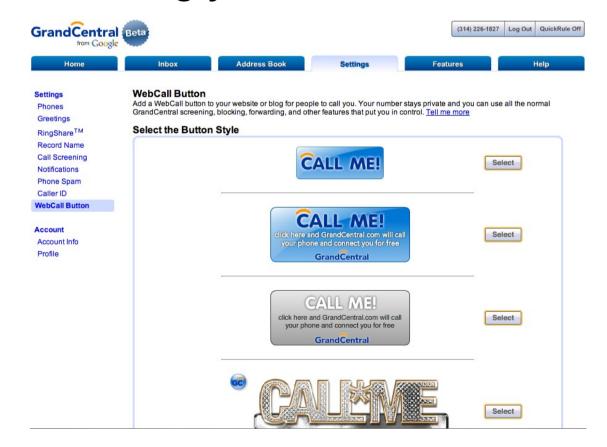
Like an answering machine!

Listen to incoming calls, with option to answer, send to voice mail, or answer and record



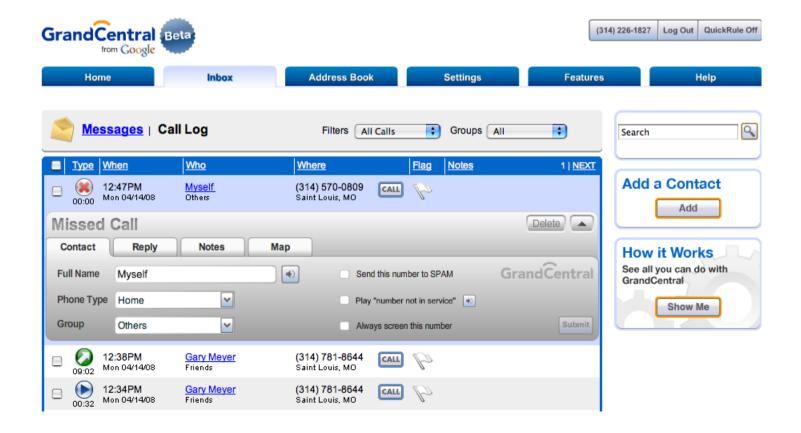
Web Call

Place "call me" button on your website to allow people to call you through Grand Central without revealing your number



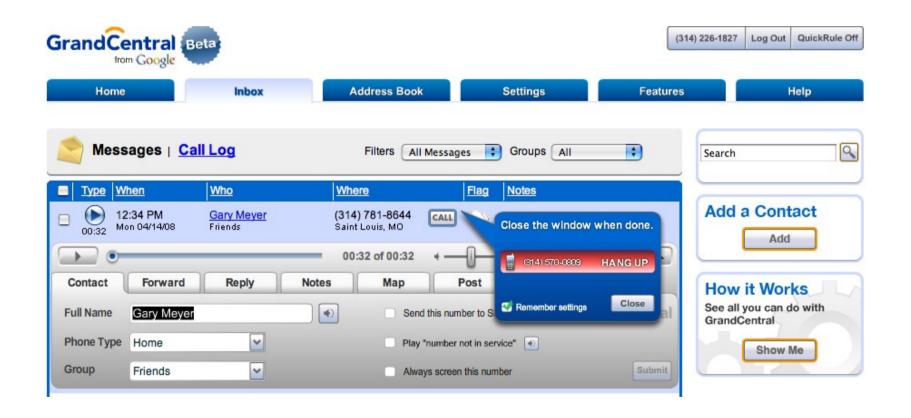
Call Log

Web access to log of all incoming calls Mark callers for special handling



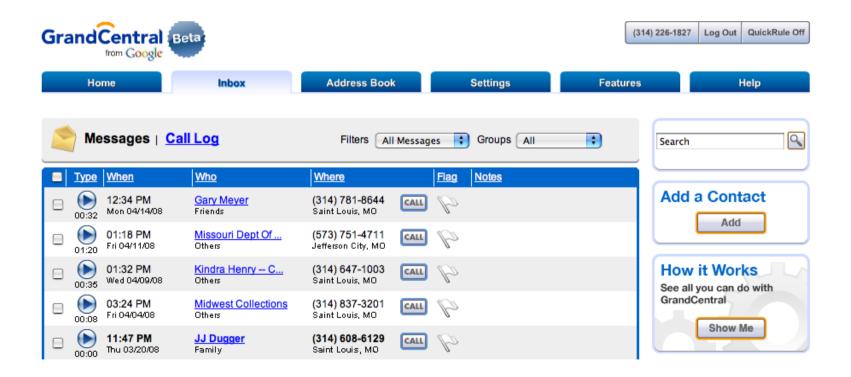
Call Back from Grand Central

Return calls with Web interface



Messages

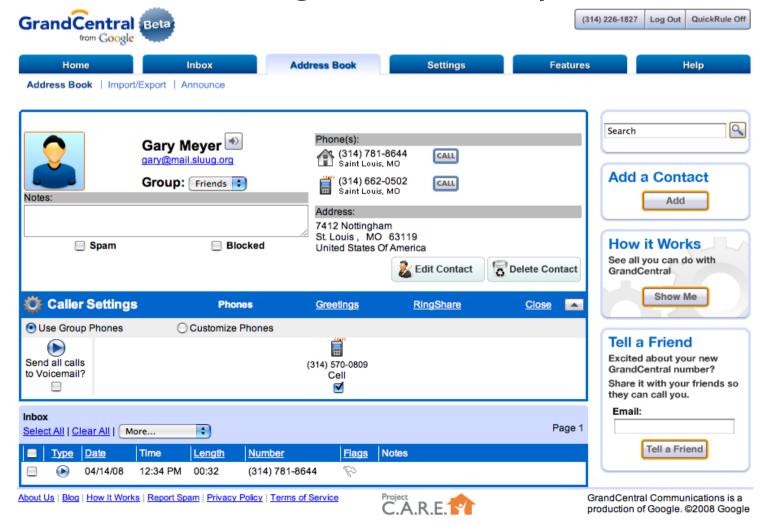
See all messages, listen to them, optionally email them or save to disk



Address Book

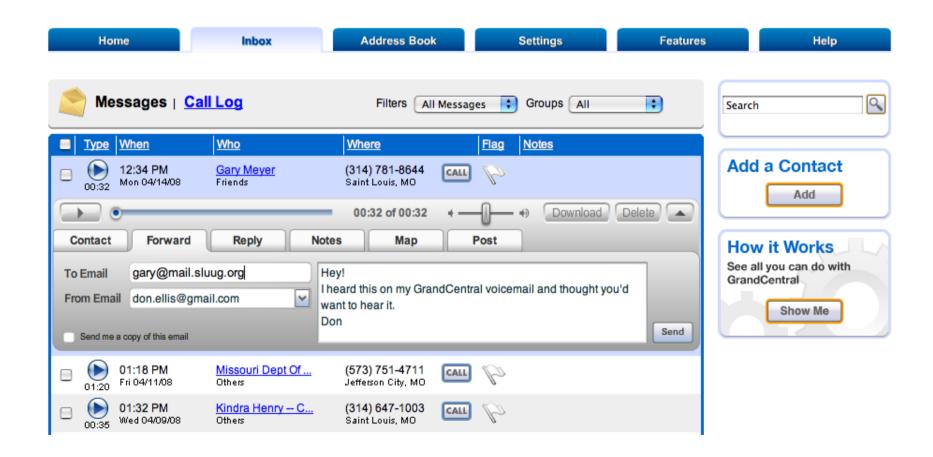
Import from/export to other address books

Customize handling for each expected caller



View Voice mail

Forward via email or save to disk



Google searches

sprint home tower hotspot at home grand central

Questions about Airave or Grand Central

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