RedButton

Cloud hosted group communications over public networks
With application to IoT, Biometric Monitoring, PTT over Cellular, Emergency Alerts & Teleconferencing

Red Button Technologies Pty Ltd

SALE OF THE BUSINESS AND/OR ASSETS

AUG 2016

Revision 9 – 29 Aug 2016

Disclaimer

This document has been prepared for the purposes of selling the business described herein and or the assets of the business.

This information has been prepared as a guide only and we strongly recommend verification of any data or commentary provided.

We advise that intending purchasers should undertake their own due diligence prior to proceeding with any final purchase.

In particular, we ADVISE CAUTION when reading our understanding of the patents.

What is described in this document is our interpretation of what the patents cover and is not expert.

Patents are open to wide interpretation. Before making any decision regarding the value of the patents you must obtain independent expert opinion.

The business owners will assist with answering any reasonable request pursuant to verifying data.

Having said that, we are keen to facilitate a purchase.

FOR SALE

Potentially valuable patents.
Robust core technology.
Existing ‘currently trading’ websites.
Brands & Domains.
Company with clean shareholding & accumulated losses.

Contents

Executive summary

Red Button Technologies (a company registered and operating in Australia) owns two patents (US & Australia) that provide the opportunity to develop unique cloud communication systems (over public telecommunications networks) covering a diverse range of scenarios.

Australian and US Patents

Along the journey, Red Button has secured both a US patent and Australian Patent that protects the core features of the system.

The patents have potential application beyond protecting the Personal Alert System and there may well be existing infringement in a number of areas both in Australia and the US.

Potential infringement

Facebook, for example this year launched its Messenger Group Call app that is a close fit to our patents. E-Harmony, which provides the ability to create a voice call between two people who have been matched by the system is another example of a potential infringement.

First embodiment/application

Our first application (now in full production) is an innovative Personal Emergency Alert system.

Developed as a cloud system it recognises a telephone number from a calling device (any type of phone) and rapidly connects a user to their first available friend or relative.

If required, emergency services can be quickly brought into the conversation to create a conference call allowing the friend or relative to coordinate a response.

The system provides an effective Personal Emergency Alert system in to a market that in 2009 was estimated to be worth $120 million (Australia).

With the rising trend toward mobile phone usage, cancellation of landlines, and the ageing baby boomer population – the system has increasing appeal and application.

The system is currently fully operational and is servicing a small customer base.

Further applications

The core system also has potential application beyond the immediate purpose and an alternative product has been launched, a virtual PBX allowing the instant provisioning of telephone numbers diverted to mobile phones that has application for project groups, and micro-businesses.

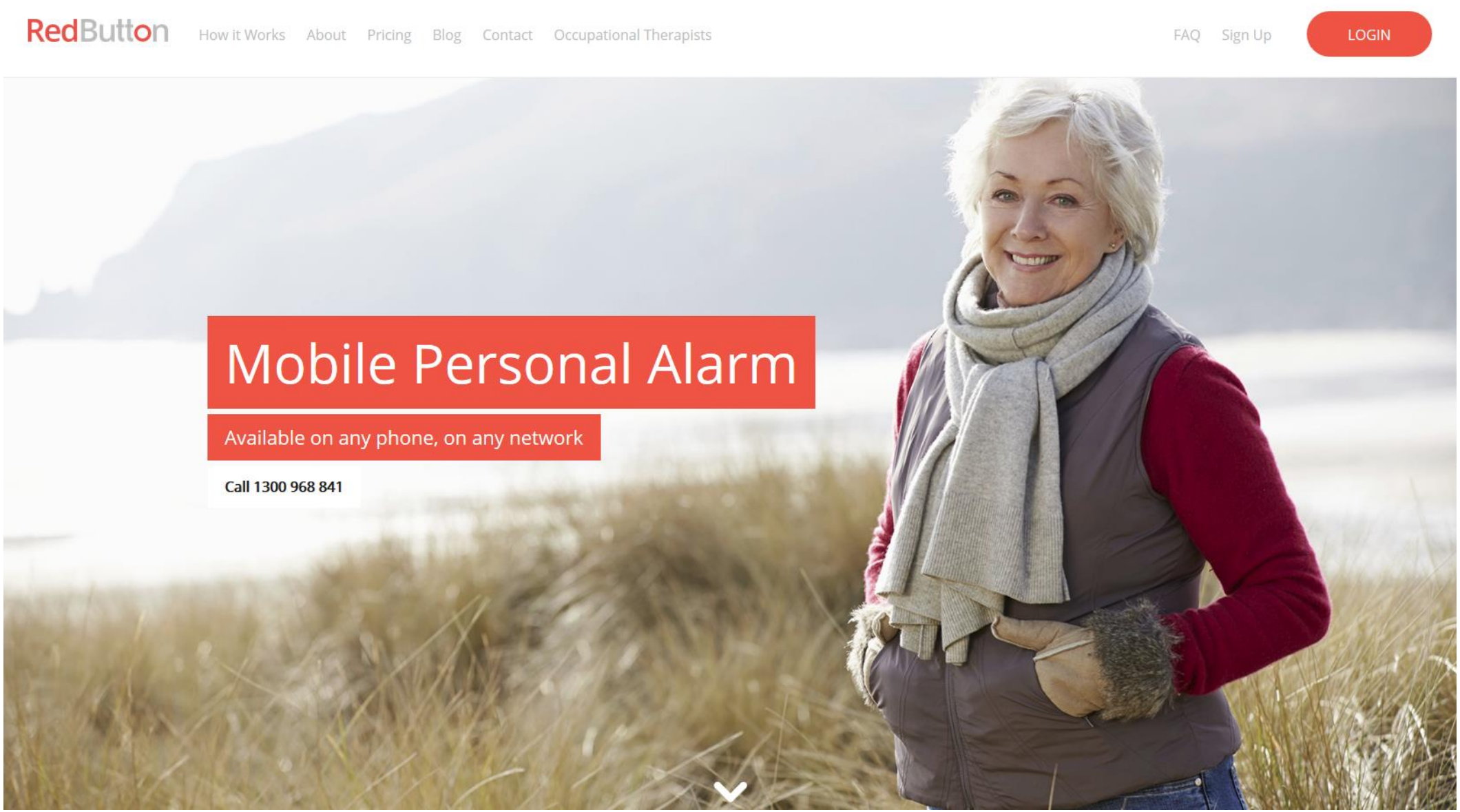
Sale of the company and/or assets

Having achieved full operational status and completed the protracted process of securing the Australian and US patents (granted August 2014), completed a demonstration implementation and full production version, gathered and supported some customers and conducted some test marketing and sales along the way – the directors are now ready to offer Red Button to interested parties.

Over a million dollars of time and hard cash have been invested in the venture to date.

www.RedButton.com.au

The first application applying our patented core technology. Has been live since July 2010.



PATENTS

Priority date 14 September 2007

Introduction – what does our patent cover?

1

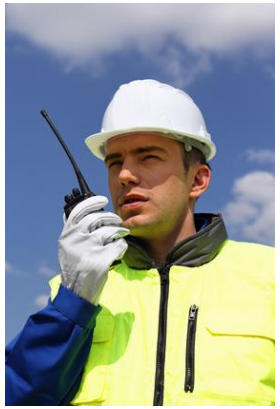
PRIVATE NETWORK

Example – Trunked Two-Way Radio

Caller

Unique Identifier

Communications Management system



Talk Group

When a member of the talk group wants to initiate a call, they simply "press to talk". The CMS recognises their ID and patches them through to other members of the call group. In this way, multiple talk groups can be set-up on the one network. This is the principal of trunked two way radio.

An important distinction
The destination addresses are **already pre-configured** in the CMS, rather than the CALLER specifying them at the time of calling i.e. the group is already set-up.

<u>NOT</u> COVERED BY OUR PATENT (private networks not covered)

2

PUBLIC NETWORK

Red Button patent – Instant Conference Call

Caller

Unique Identifier

Communications Management system

Public network

Talk Group

The Red Button patent covers the same principal of establishing an instant talk group **HOWEVER** over **PUBLIC** communications networks (mobile phone, fixed line, and VOIP calls)

Similarly
The destination addresses are **already pre-configured** in the CMS, rather than the CALLER specifying them at the time of calling i.e. the group is already set-up.

This is not the normal public network paradigm

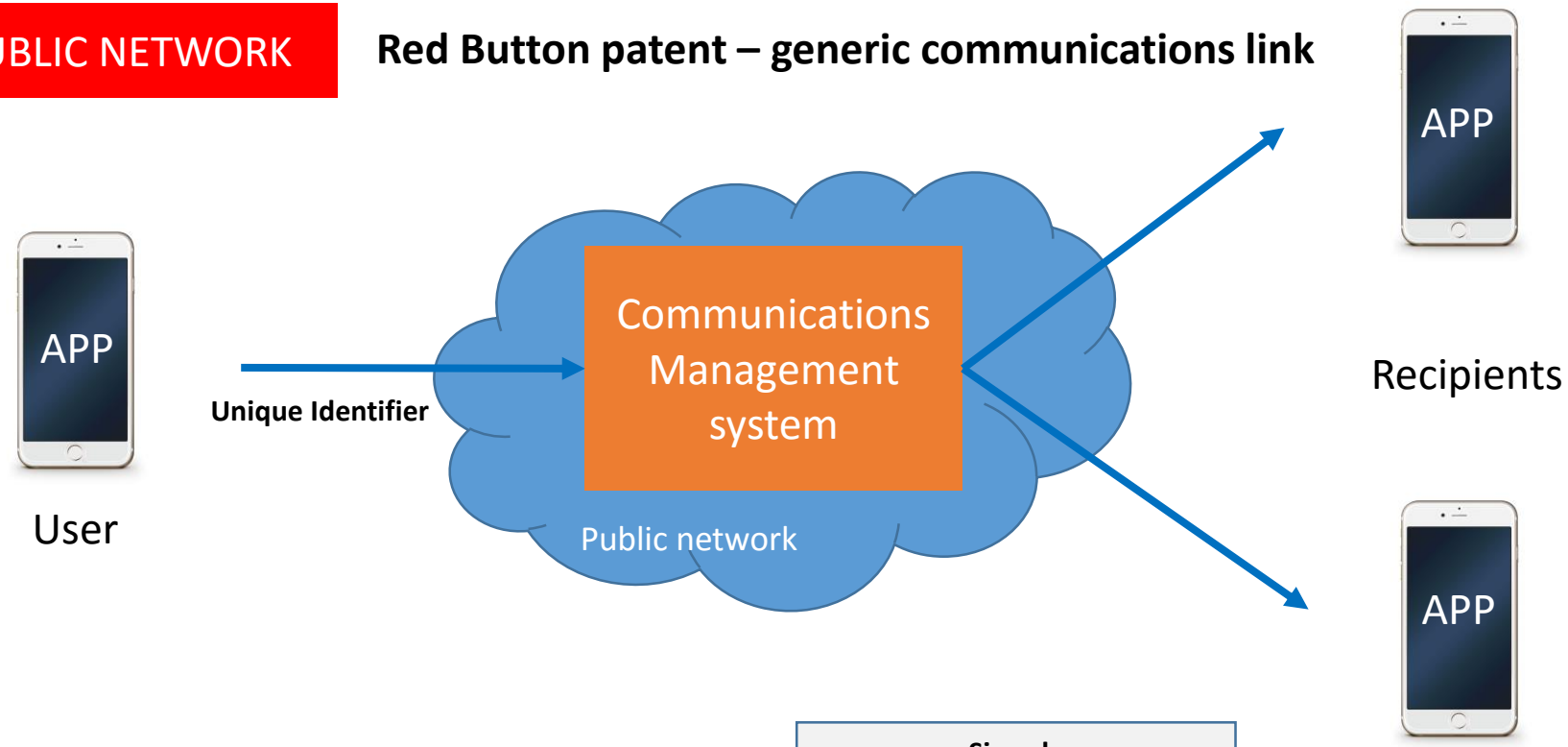
IS COVERED BY OUR PATENT

US patent has additional elements (narrower)

3

PUBLIC NETWORK

Red Button patent – generic communications link



The patent IS NOT LIMITED to VOICE It is broadened to any type of communications link.

Simarly
The destination addresses are **already pre-configured** in the CMS, rather than the CALLER specifying them at the time of calling i.e. the group is already set-up.

IS COVERED BY OUR PATENT

AUSTRALIAN patent only

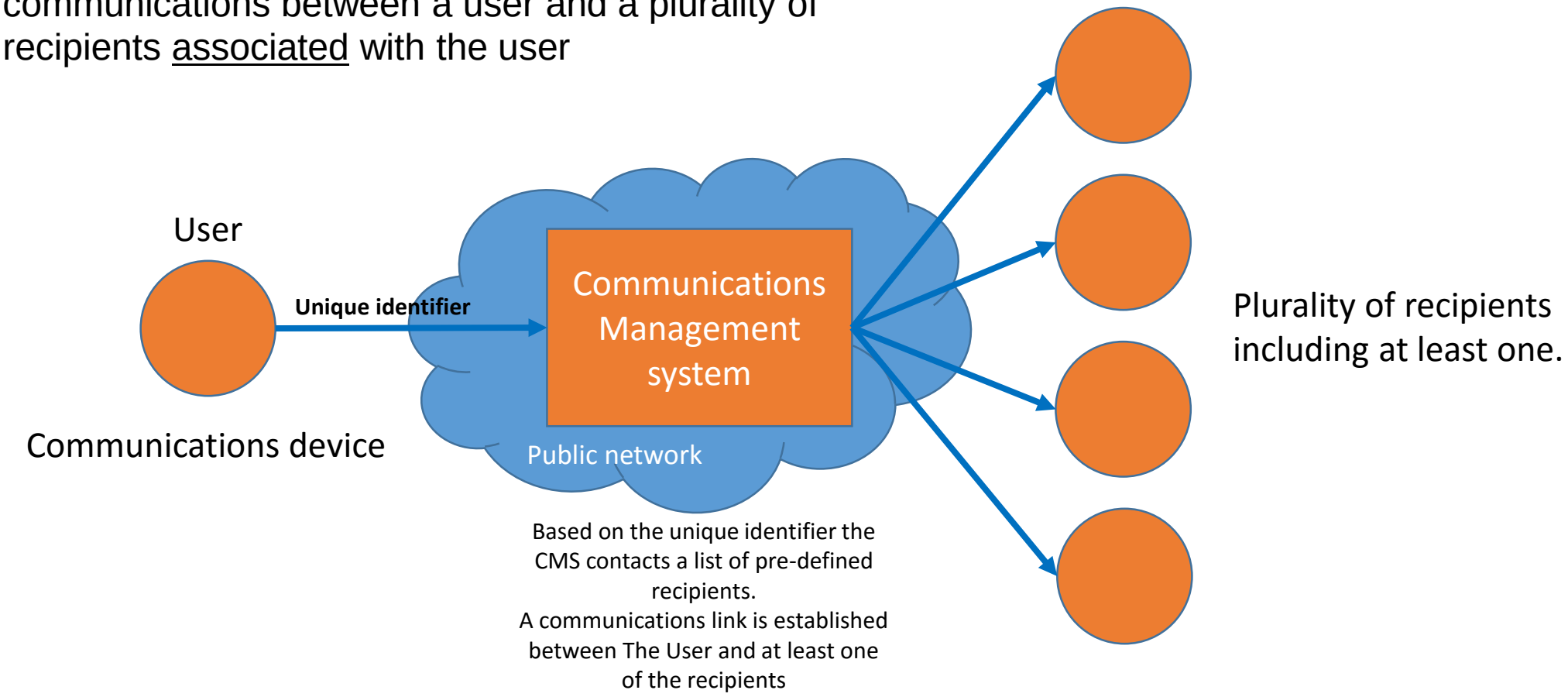
Patent broad scenario

Australian patent = <u>any</u> type of communication

US patent = voice communication only

4

A communications management system for handling communications between a user and a plurality of recipients <u>associated</u> with the user



Public telecommunications network (e.g. Internet and/or mobile/PSTN)

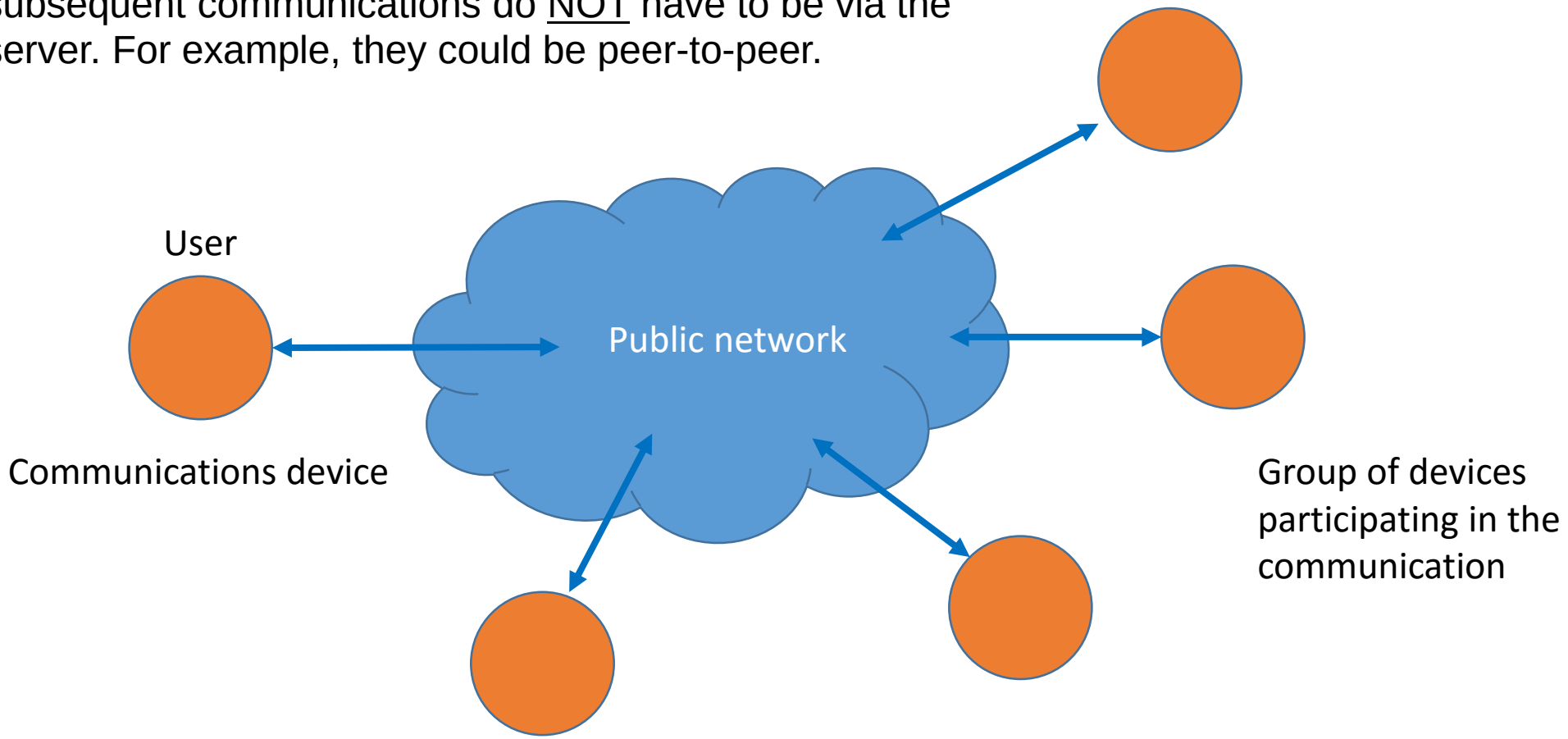
Patent broad scenario

Australian patent = <u>any</u> type of communication

US patent = voice communication only

5

Note: once the communications link is established, subsequent communications do <u>NOT</u> have to be via the server. For example, they could be peer-to-peer.



Public telecommunications network (e.g. Internet and/or mobile/PSTN)

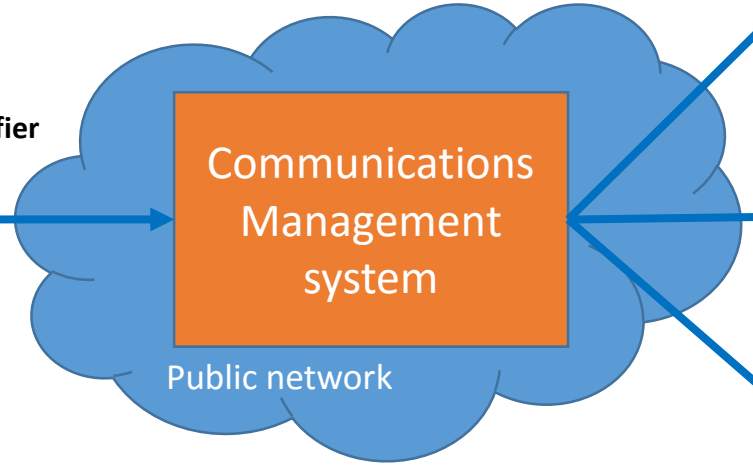
Example 1

Australian patent => Application to IoT

IoT Vehicle Remote Monitoring

In-vehicle monitoring system
(OEM or After-Market)

Unique identifier



Car
dealership/service
department

Security
monitoring

Vehicle
manufacturer

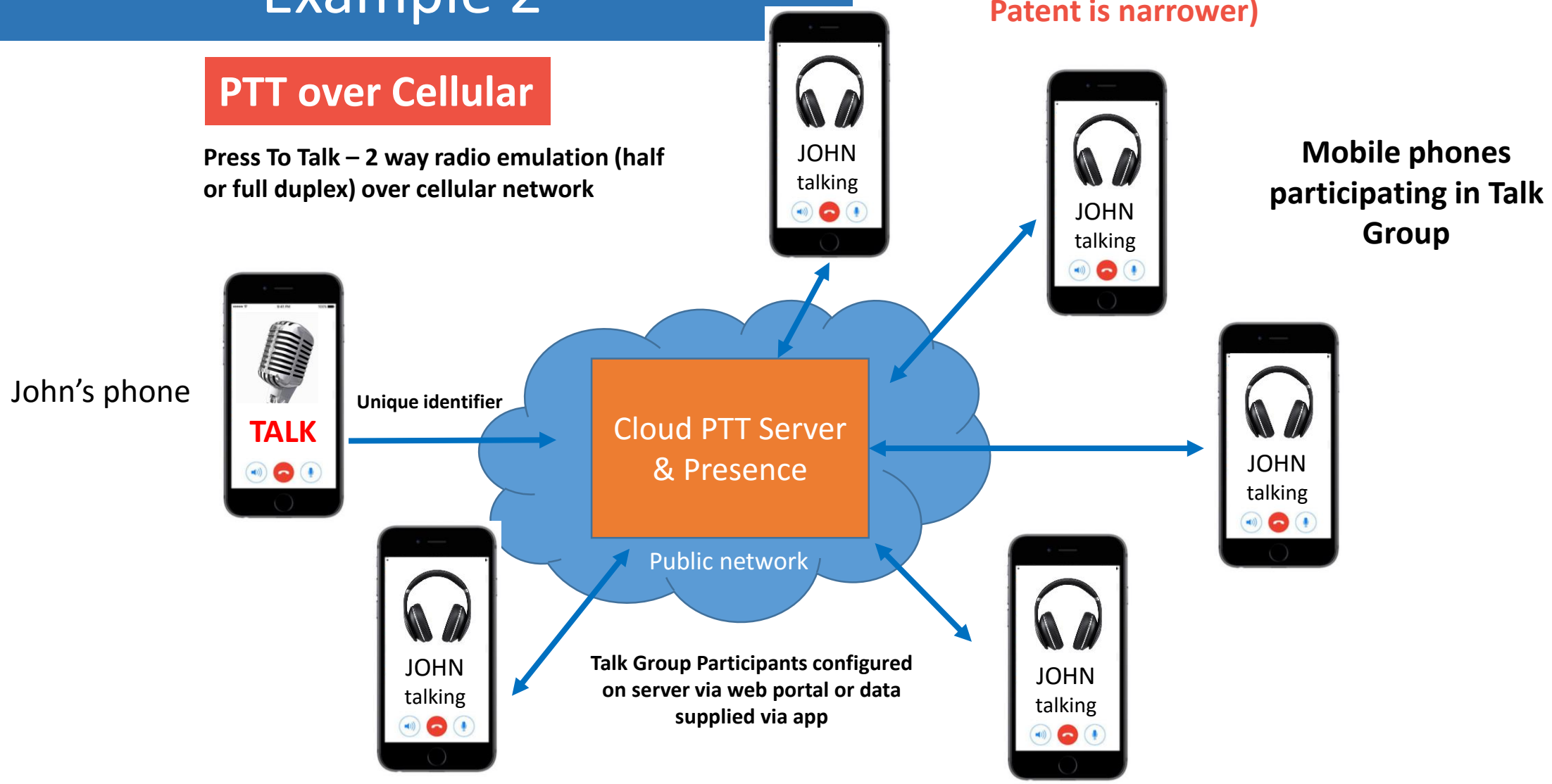
Cars are now being manufactured (or after-market retrofitted) with remote monitoring of vehicle systems. These systems report on vehicle performance, maintenance requirements, security (car theft) and fleet monitoring. Multiple vehicles are connected to a variety of end points (recipients) depending on geographic location. A CMS is required to route the communication signals to specified recipients.

Example 2

US or Australian Patents => PTT over Cellular (US Patent is narrower)

PTT over Cellular

Press To Talk – 2 way radio emulation (half or full duplex) over cellular network



Public telecommunications network (e.g. Internet and/or mobile/PSTN)

Example 3

Australian patent => Application to Biometric Monitoring

IoT E-Health Monitoring System

Examples: Devices that monitor…
Blood sugar
Heart rate and/or electrical signals
Blood oxygen level
Insulin level
Endostatin levels
Etc.

Alert is sent if bio-parameters stray outside pre-defined range

Wireless link

Communications device
E.G mobile phone
Or dedicated receiver with internet connectivity

Unique identifier

Communications Management system

Public network

The plethora of bio-metric monitoring devices being developed will require a means of having their signals, data and alerts routed to healthcare professionals and/or family members to support remote monitoring. A cloud based service that manages connectivity is an inevitable outcome. The Red Button Australian patent has application to this type of system.

Example 4

Australian patent => Application to personal alert system

Emergency alert

Examples:
Necklace or wrist alert button
Fixed alert button attached to wall

Wireless link

Unique identifier

Communications Management system

Public network

Communications device
E.G mobile phone
Or dedicated receiver with internet connectivity

People assigned to be advised of an alert event

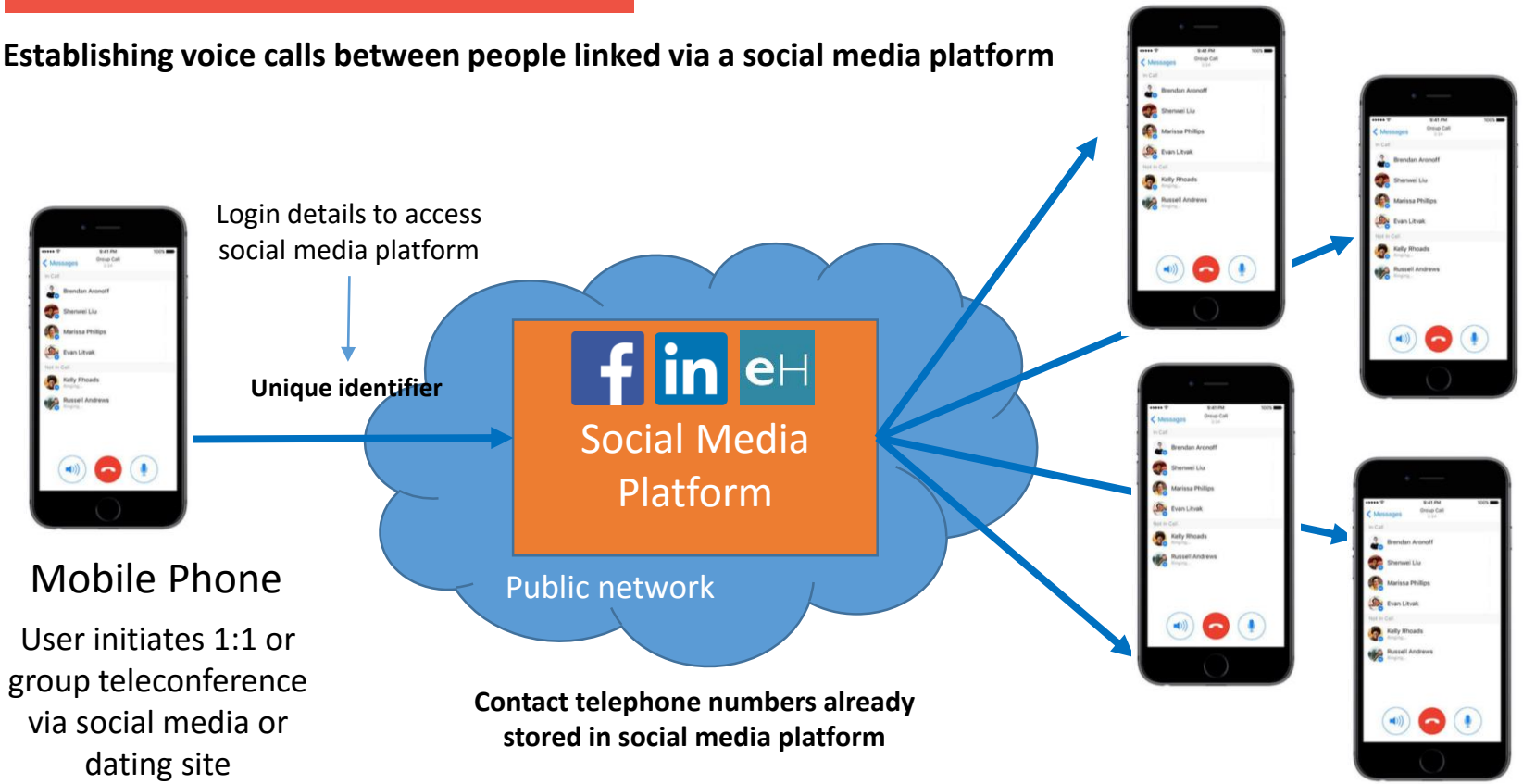
Public telecommunications network (e.g. Internet and/or mobile/PSTN)

Example 5

US or Australian Patents => teleconferencing to social media & personal introduction platforms

Social Media Voice Calls

Establishing voice calls between people linked via a social media platform



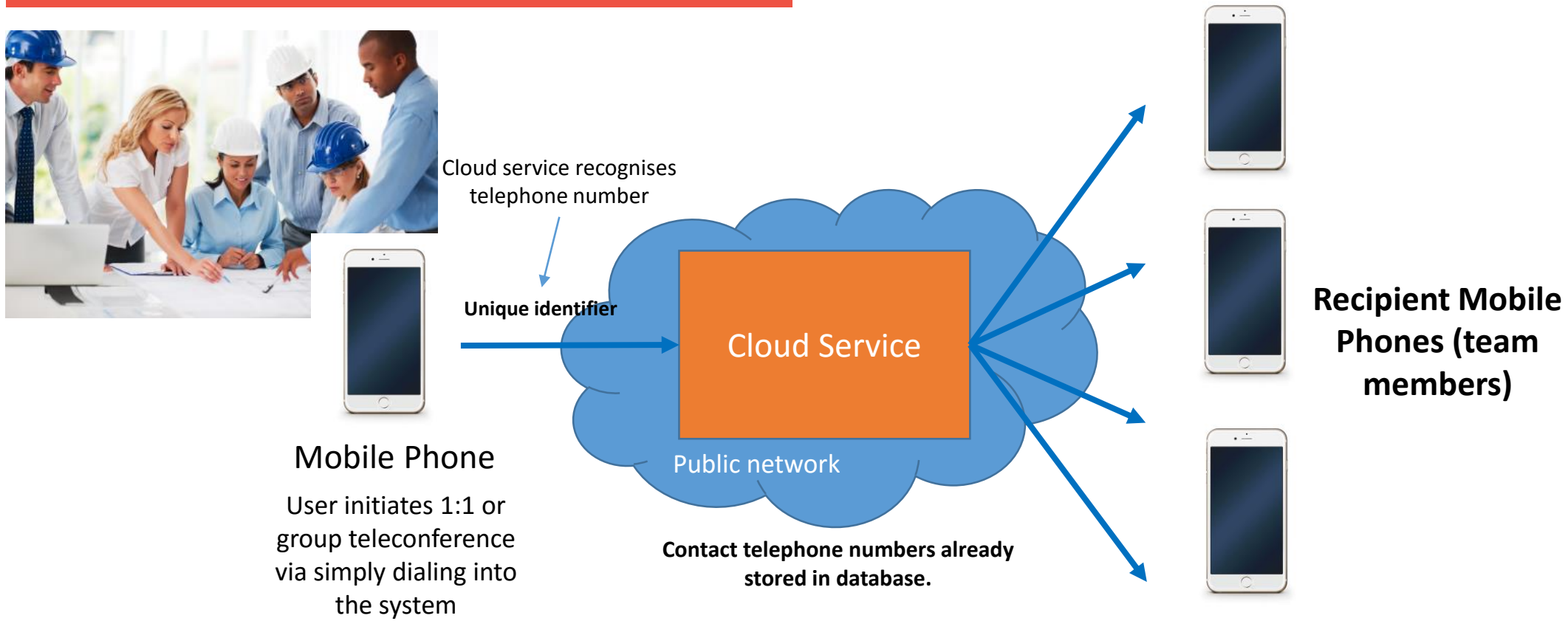
Recipient Mobile Phones (friends or followers)

Public telecommunications network (e.g. Internet and/or mobile/PSTN)

Example 6

US or Australian Patents => Instant Group Teleconference for project teams

Project team instant group conference



Normal instant teleconferencing services require multiple steps to set-up a group call.
Usually, participants dial-in and join the conference by providing an access code.
In this example, any team member can initiate a conference by simply dialling in to the system.
The Cloud Service then calls the team members who then are added to the conference when they answer their phone. Optionally, a recording of the conference is emailed to all participants at the conclusion.

Example 7

US or Australian Patents => Instant Group Teleconferencing

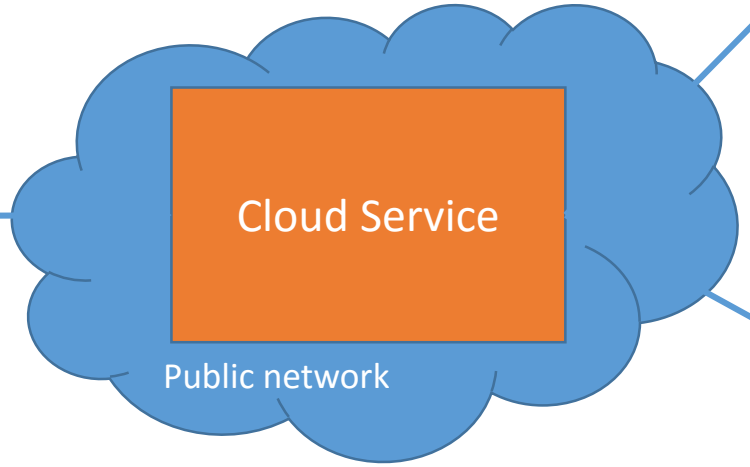
Superior teleconferencing service

1 Go to website. Enter participants' telephone numbers. Participants are advised by SMS and/or email to expect a call.

2

Mobile Phone

Any participant calls the conference system number. System recognises their phone number and creates the conference.



Contact telephone numbers already stored in database.

Recipients

3 Participants' phones all ring at the same time. As they answer they join the conference.

4 All participants are advised by message who initiated the conference and who DID/DID NOT participate.

Patents

Inventive steps

Recognising that the conventional paradigm for establishing communication via a public network is the user provides the identity of the destination party (or parties) that the user wishes to contact *when initiating the call*.

The obvious example is the making of a telephone call where the user dials the destination phone number and this number is fed to the telephone exchange which then completes the connection.

Our patent covers an alternative scenario where the identity/contact details of the destination parties are *already stored in the system* and the link is established without the user inputting the destination information.

This concept is common in private voice communications (e.g. two-way radio & PBX) but only until recently (post our priority date) has the concept of instant group communications over public networks (PSTN & Internet) been

Broader than just emergency alert devices

Importantly, the patent claim set is NOT restrictive to a Personal Emergency Alert system. Although this is the main embodiment described in the patent, patents are judged based on the claims.

Topics broadly covered by the patent claim set

Australian and US patent

- Cloud application (CMS)
- Public networks (i.e. excludes private networks such as PBX & Trunked Radio)
- Communication with 1 to N recipients begins with the user sending a unique identifier into the cloud service
- Recipient contact addresses (or identifiers) have already been pre-configured
- CMS establishes communications link between USER & recipients

US Patent is more specific

- Must be voice
- Other elements also narrow the claim

Patents

Red Button Technologies owns two patents…

Australian Patent no. 2007905048

Priority date 14 September 2007

US Patent no. US 8,811,934 B2

Priority date 14 September 2007

Abstract:

A system for communicating an alert message from a user to a recipient is disclosed. In one embodiment the system includes a communications network, a communication device, and a communications management system. The communications device is activatable by the user to transmit into the communications network a signal communicating identification information associated with the user. The communication management receives and processes the signal to establish a communications channel between the communications device and a communications service associated with a recipient. The communications service is selected according to the identification information. Method and devices for communicating an alert signal are also disclosed

While the abstracts of the two patents are identical, the US patent is narrower than the Australian patent as described in the claim set.

The essential difference is that the US patent is confined to voice communication whereas the Australian patent is broadened to ANY form of communication and/or signaling.

Both patents are restricted to public communication networks (PSTN and Internet) and exclude private networks (e.g. LAN, Two Way Trunked Radio or PBX).

Electronic copies of both patents are available…

http://redbutton.com.au/sale/Red-Button-Australian-Patent.pdf

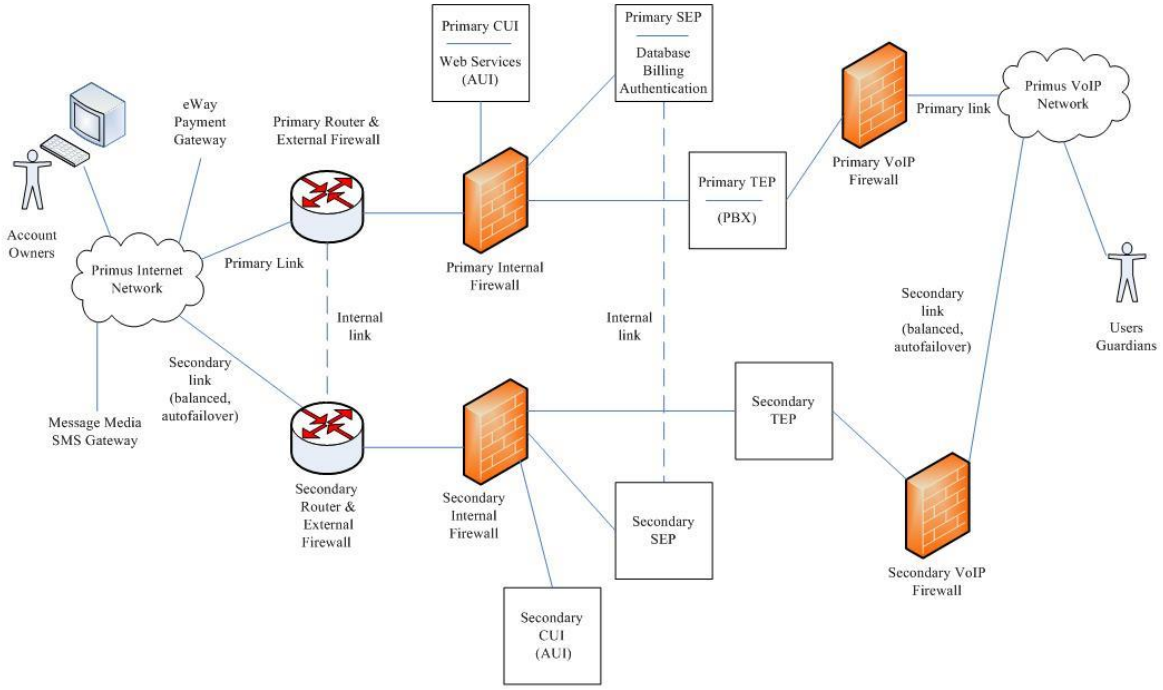
http://redbutton.com.au/sale/Red-Button-US-Patent.pdf

The patents have broad coverage of group communications over public networks

CORE TECHNOLOGY

Core Technology - overview

Component diagram



Red Button Confidential – Commercial in Confidence - 2010

Open Source components are used by the Red Button implementation. Asterisk-Java is a Java interface to Asterisk. The TEP uses this to control the actions of Asterisk in performing the Red Button functionality. Xstream is used for inter-component messaging, logging and some database functions.

Linux (Operating System)

safeTgram (email server – S/MIME encryption capable)

Tomcat (Web server) (Customer & Admin UIs)

CR-X (data transformation engine – call rating)

MySQL (Database)

Termsim (network scripting engine – monitoring)

Asterisk and Asterisk -Java (for the TEP)

VMware ESXi (virtualisation hypervisor)

Dell (R-series data centre x86 servers)

Xstream (Java serialisation library)

Cisco 800 series (appliance router & firewall)

Core Technology

The Red Button™ system has been engineered by Optimation Software Engineering, a Melbourne (Australia) based company that specializes in bespoke mission-critical systems. Optimation undertakes work for major companies for whom robustness, performance and security are high priorities (including National Australia Bank and the New Zealand Tax Office).

The core system resides at the Primus telephony and enterprise data facilities in Melbourne's CBD housed in a high security environment with redundant air-conditioning, power, internet and telecommunications facilities. The Red Button system itself has built-in redundancy with automatic cut-over systems and is designed to provide very low industry-standard failure rates.

The system is continuously monitored and receives routine preventative maintenance and updates.

As subscriber numbers and call volumes increase the core system is designed for substantial vertical and horizontal scalability with large telephony and internet capacity waiting to be provisioned as required.

Internet security includes robust hardware and firewall security appliances and software to current IT industry standards for mission critical systems.

Payment Gateway security

Red Button utilises the E-Way payment gateway http://www.eway.com.au and merchant fees are processed via NAB.

Red Button does not retain any customer credit card details.

Website hosting arrangements

As a further security measure, the marketing website www.redbutton.com.au is physically and logically separate from the transaction cloud servers at https://assureconnect.redbutton.com.au This arrangement is seamless to customers.

The account owner manages an account through the web-browser based interface.

When a Caller makes a call the Red Button Telephony Event Processor (TEP) uses the Calling Line Identifier (CLI) of the Caller to determine who they are, looks at the account details and calls all the Call Group Members according to the accounts calling plan set up by the account owner using the Customer User Interface.

Both voice calls and follow-up SMS texts are made to the Call Group Members which can be relatives, friends or possibly some commercial and/or medical assistance organisation, or even emergency 000 (911 USA).

A "Call Event" is the sequence of the Caller calling the TEP, the TEP calling the Call Group Members, any subsequent calls to other Call Group Members that are introduced into multi-way conferencing, and all SMS and email correspondence arising from that originating Caller call.

Core Technology

The call event is handled entirely by the TEP, which logs the event details for subsequent purposes such as billing and customer feedback. When the account owner makes changes to their account, these changes are routed by the System Event Processor (SEP) to the TEP and to the database.

The Red Button service also supports smart-phone app integration and capacity for social-media and other communications channels in the future.

The billing system collects the call event logs and the account information from the database, tracks the charges, generates and posts invoices, updates the database and interfaces to the external payment gateway for effecting the charges.

Note that the diagram on the previous slide depicts only ONE instance of the cloud services, as multiple duplicate instances can be configured for redundancy, workload and geographical and/or application separation as desired.

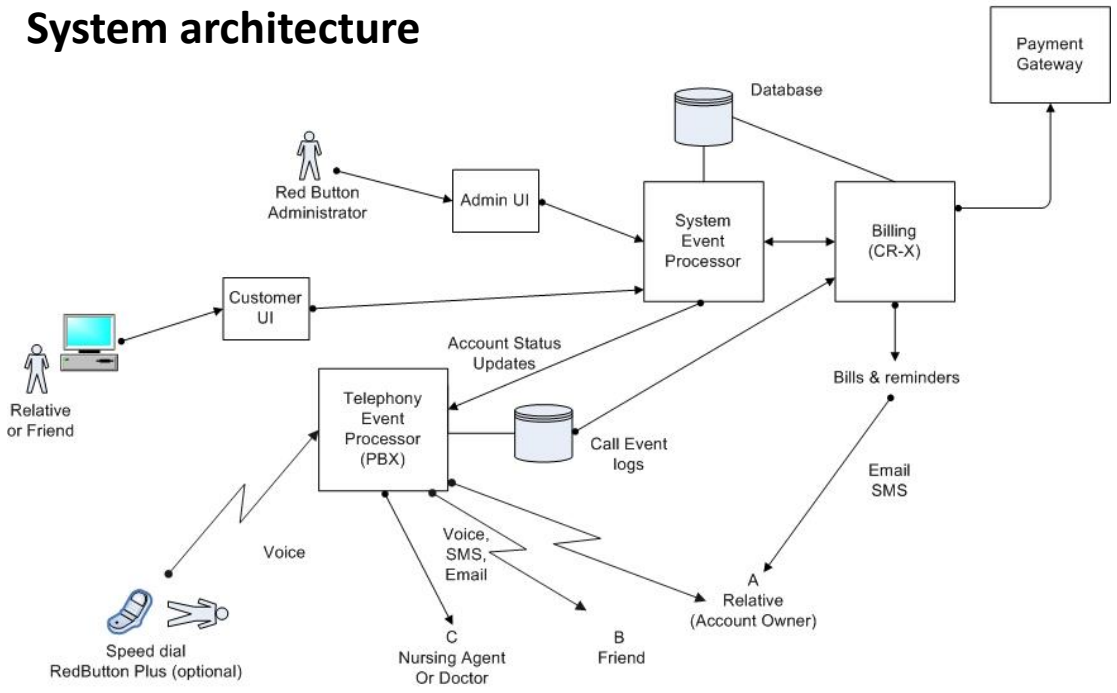
Portability

The core technology requires normal server grade PC hardware and rack space in any suitably secure data centre.

All software is based on open source technologies (Linux, LAMP, Astrix, CISCO etc.)

Telephony interfaces include both PSTN & VOIP.

System architecture



Mission critical architecture; designed for high scalability & rapid development of similar applications

FIRST APPLICATION

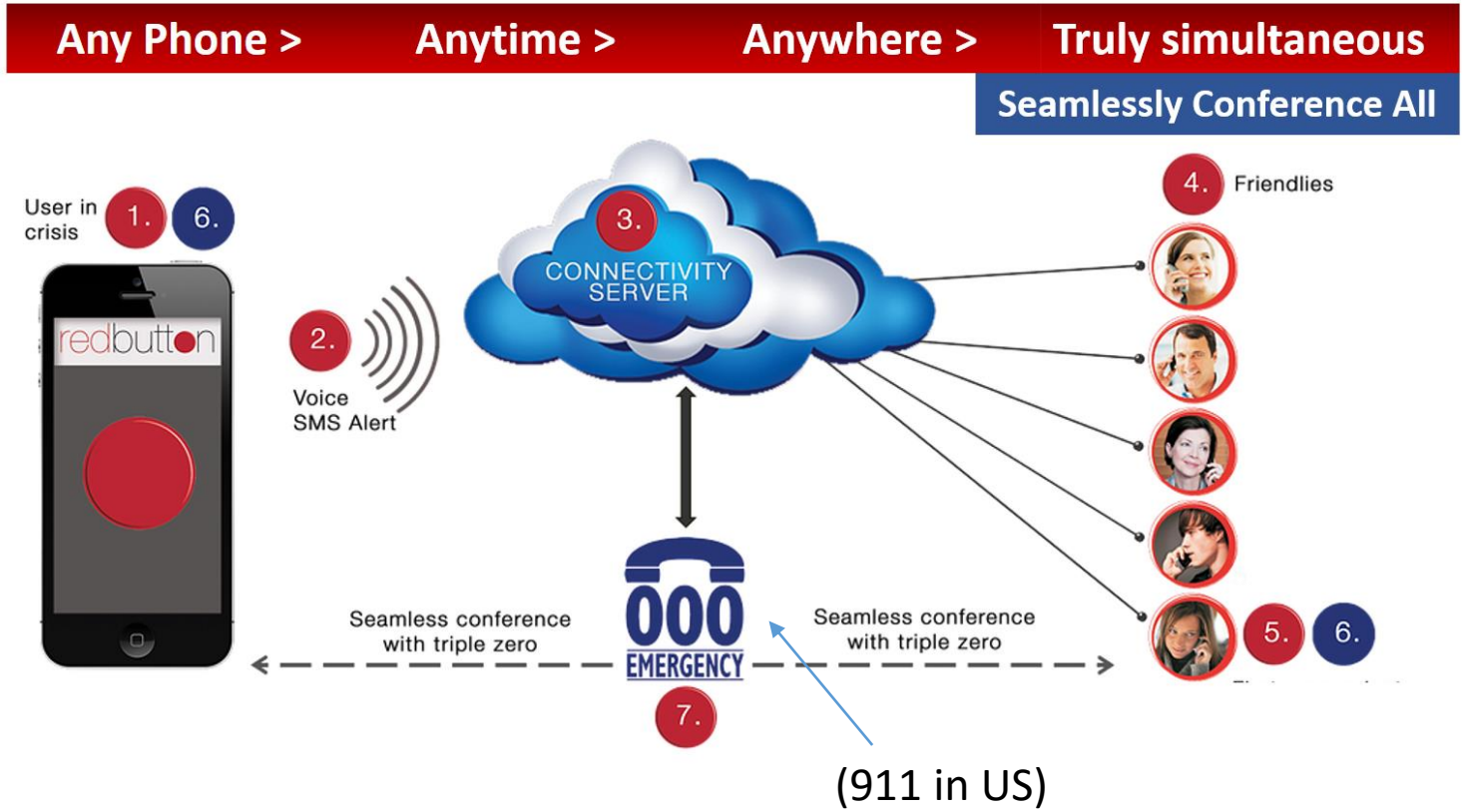
Personal Emergency Alert System

Live at RedButton.com.au
Online since July 2010

Detailed description of the product

Our main product, the Red Button – Personal Emergency Alert system operates simply by recognizing a telephone number.

1. The user presses a button or uses a speed dial app to start the call.
2. A voice call is made to our server
3. The server recognises the number
4. The call group numbers are retrieved from the database and **SIMULTANEOUS** calls are placed to everyone in the group ("friendlies").
5. The first person to answer is connected
6. If required, the person who answered can initiate a call to Triple Zero (911 US)
7. This creates a three-way conversation enabling the friend or relative to provide assistance to guide emergency services to the User.



The system provides two key points of difference to other systems…

Calls are truly simultaneous: Other systems claim simultaneous calls, but in reality can't make all phones ring at the same due to the availability of only one phone line.

Instant conference call with triple-zero: no other system offers this functionality. The person answering only has to press one button on their phone to activate the conference and no party is placed on hold.

Detailed description of the product

Offering a highly competitive monthly fee of $9.90 per month (incl. GST), Red Button provides an attractive alternative to competing personal alert systems.

The system operates by allowing users to rapidly contact friends and relatives in an emergency using any telephone on any network.

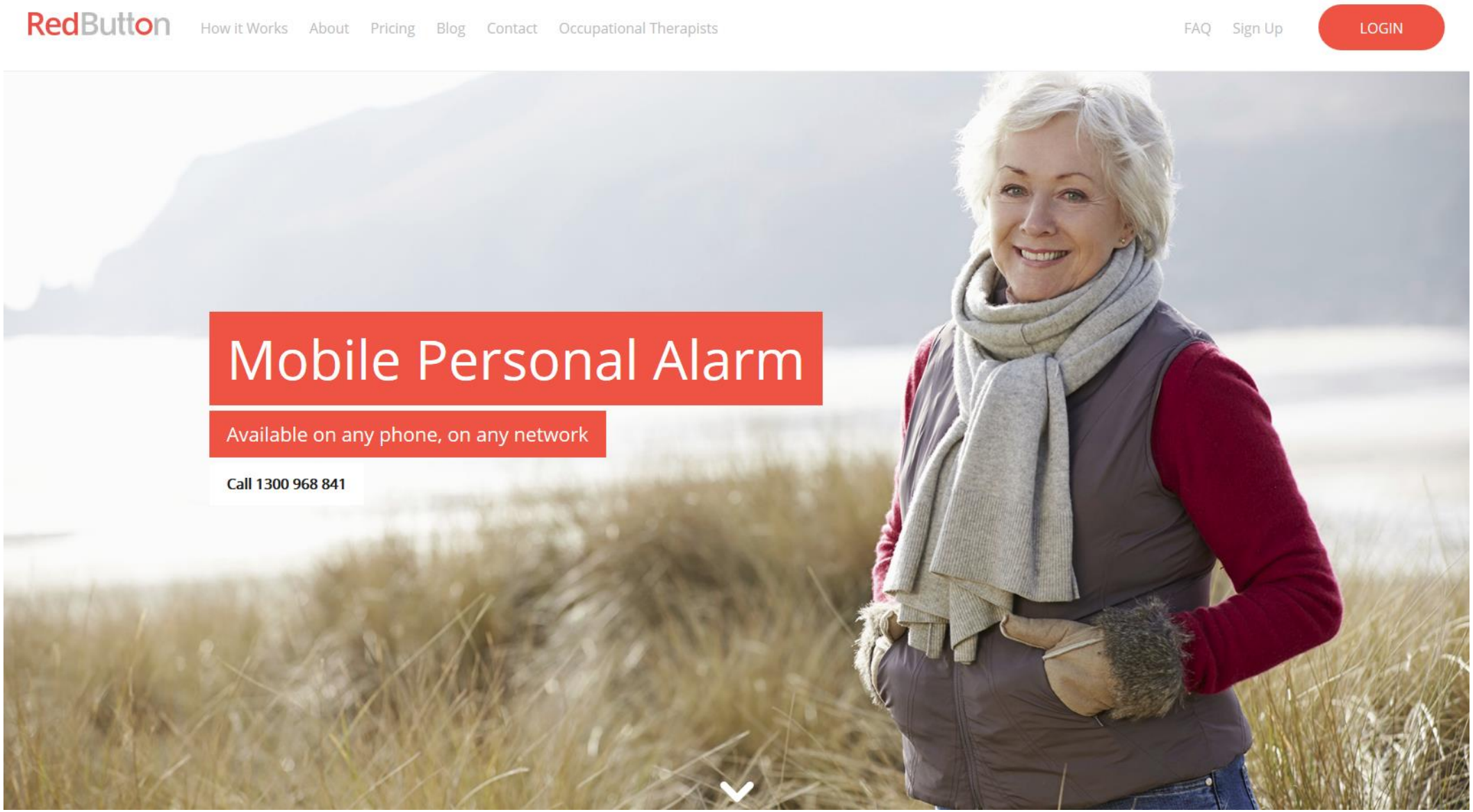
Calls to the system are identified by their telephone number (CLI – Calling Line Identification), and upon receiving the call the system immediately places calls to up to 9 other phones; the first to answer is connected to the original caller (the "user"). Thus the system provides the following advantages…

1. **Ease of use**: The user does not need to think which person to call first or remember the phone number. The list of appropriate people to contact is pre-configured into the system.
2. **Faster contact**: Dialing multiple people at the same time (simultaneous calling) reduces the time needed to contact a person who is available to answer quickly (others may be engaged, have phone switched off, not near their phone etc.) – this feature is covered by our patents.
3. **Conference call with Emergency Services**: Once connected, a conference call with emergency services (000 or 911) can be initiated with a single button press (Press Zero). Thus, the friend or relative can provide assistance. This feature is also covered by our patent.
4. **Encourages "soft calls" in uncertain situations**: The Red Button system encourages users to act earlier leading-up to emergency events. The traditional emergency alert system only provides a "GO – NO GO" option (so called "hard calls"); not every emergency situation is clear cut and many people will consult a friend or relative first before pushing the button. That's not to say that clear cut emergencies don't occur – but Red Button is appropriate in both situations.

The Red Button website http://www.RedButton.com.au

The technology is patented in both the Australia and the US

www.RedButton.com.au



Marketing tools - flyer

RedButton

Mobile Personal Alarm

Available on any phone, on any network

Simultaneous calling from any phone

Red Button calls your list of friends and relatives simultaneously. This connects you to the first available person without needing to think who to call.

Assisted call with emergency services

Your friend or relative can add emergency services to the conversation by simply pressing Zero once on their phone.

Quick, easy and immediate setup

You can sign up and try the service FREE. No credit card required. See our full pricing plans online at redbutton.com.au

Red Button is the number you call when you need emergency assistance from friends or family

Red Button works on any phone, but the Telstra EasyCall 3 is ideal for use with the Red Button system - small, light, and comes with a lanyard so it can be worn around the neck.

One touch emergency switch

Red Button keeps you close **1300 968 841**

In an emergency, call Red Button

Many emergencies are not clear cut. Red Button encourages people to act sooner and alert a friend or relative who can then help decide if emergency services should be called. After you have set up your account, a Red Button call-for-help is achieved by calling 1300 820 493 (using speed dial, our free smartphone app, or the emergency switch on the Telstra EasyCall 3).

Simultaneously calls your friends & relatives

Red Button retrieves the phone numbers associated with your account and calls all of them at the same time. This is the only system that calls friends and relatives simultaneously. All other systems use sequential dialing.

Connects you to the first person to answer your call

Red Button connects you with the friend or relative who answers first. All other people are sent a message telling them that you called and who answered. Red Button keeps everyone informed of what actions are taken.

Add emergency services (000) into the call

Your friend of relative can choose to instantly add emergency services (000) into the call. Both parties will be able to hear and communicate with the operator, and nobody gets placed on hold.

Automated messaging

When the call is concluded, the person who answered your call receives a message that they can reply to that will then inform everyone else in the group of what took place.

Purchase Red Button in two easy steps

1. Organise a phone

Buy a Telstra EasyCall 3 phone from a Telstra Shop and ask them to set the emergency switch to call 1300 820 493, or use your existing phone to call the same number.

2. Setup your account

Setup a Red Button account by visiting redbutton.com.au, or call customer service on 1300 968 841 and signup over the phone. There is no waiting. Your account works immediately!

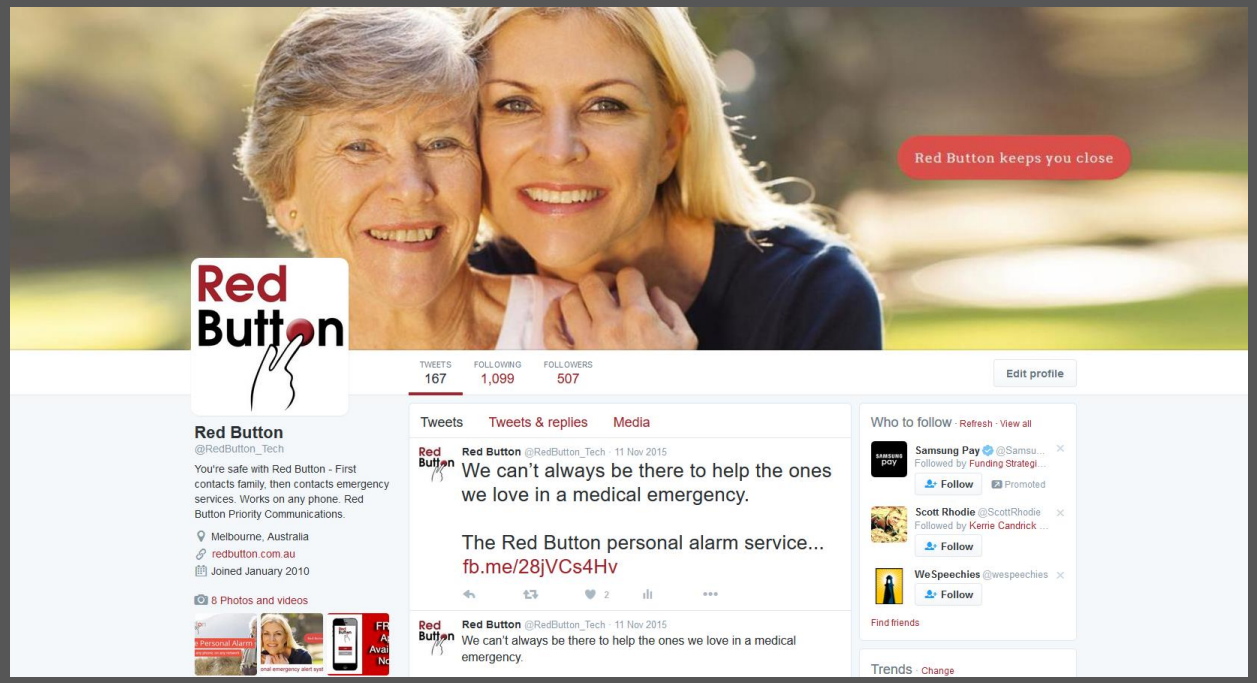
Red Button Technologies Pty ltd
ABN 66120 049 756

www.redbutton.com.au

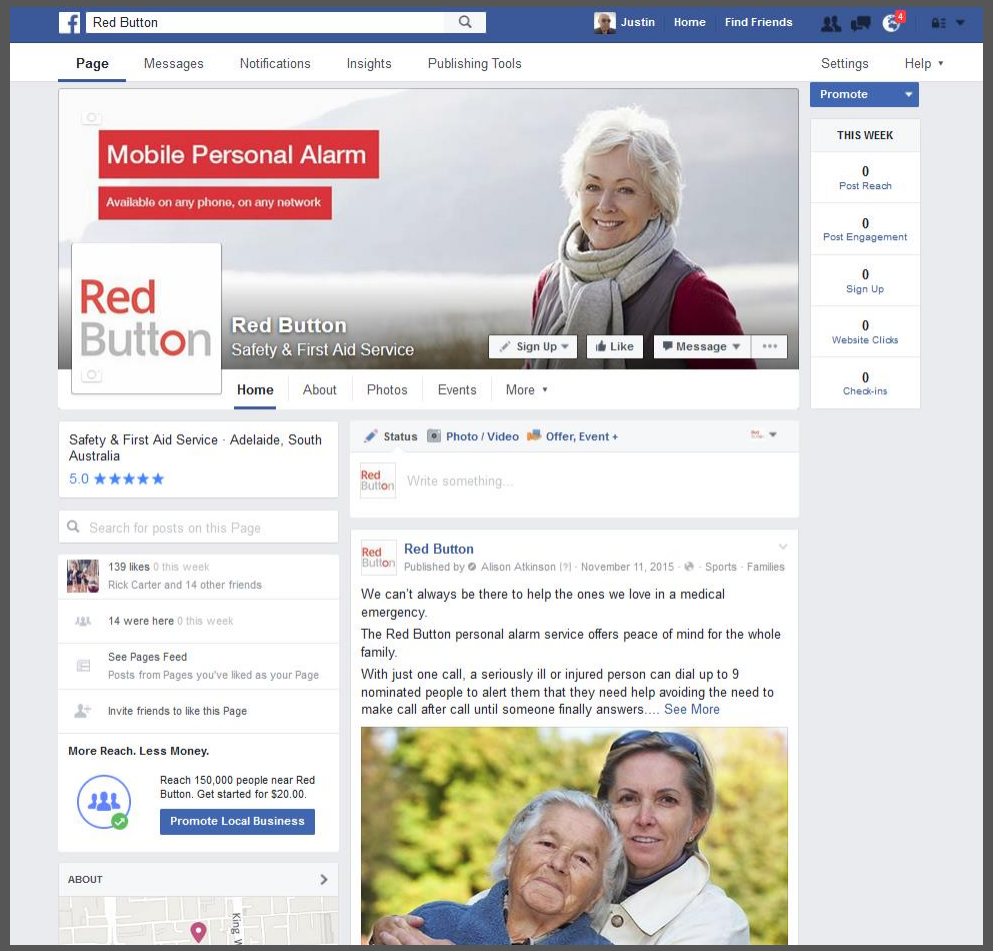
enquiries@redbutton.com.au
1300 968 841

Marketing tools – social media

Twitter



Facebook



Facebook advertising

Market segments

Main segments

US population breakdown is similar to Australia. Multiply by 13.8 for rough US estimate.

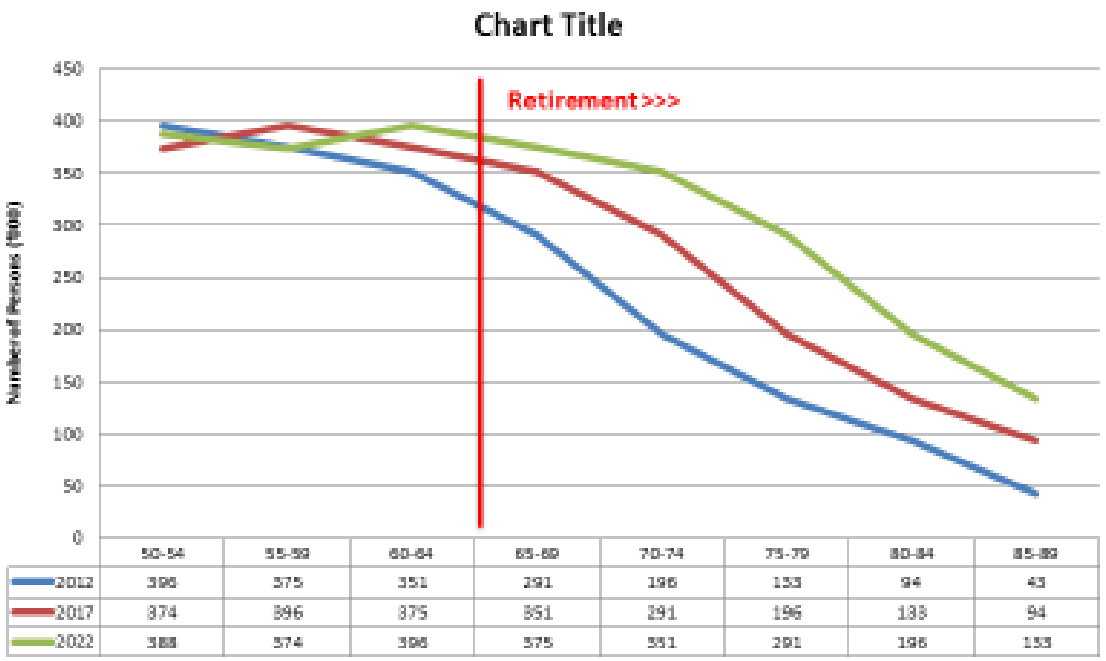
There are several potential target markets for the Red Button Personal Alert system…

			Estimated market size (Australia)
1	Substitute for the traditional pendant market	There are many personal alarm pendants on the market. These mostly work only in the home and are suited to the “frail aged” (people who rarely leave their home).	Aged 80+ 450,000
2	Independent seniors	A larger group, and rapidly growing in size fed by the ageing baby boomer population. Still living independently but increasingly managing episodic illness 50% being affected by heart disease. This market is becoming increasingly attractive due to high mobile phone take-up	Aged 65+ 3 million Growing rapidly
3	Elderly from non-English speaking backgrounds	A sub-segment of the above groups. Due to its conference call capability, Red Button provides a solution to families allowing younger members of the family group to interpret during an emergency.	Overseas born linguistically diverse 65+ 687,000
4	People living with disability	Red Button potentially provides an emergency call system suitable for people living with disability.	Profound limitation 635,601
5	Retirement villages	79% of retirement villages provide an emergency call button system. With modest further development, Red Button could be re-purposed to provide a “campus alert system” requiring far less infrastructure than current systems.	living in villages 184,000 By 2025 382,000
6	Industrial safety, remote worker and lone workers	Tapping into the duty of care responsibilities, Red Button provides a low cost method of provisioning an emergency alert system for lone-workers. The system also operates with satellite phones. The growing care industry is a large segment.	> 1 million
7	Existing personal alert system providers	Current emergency alert systems could use Red Button as a bureau service to improve their existing offering.	Between 30 and 100
8	Children	A further product called 1800Tingle (utilising the core system) has been envisaged to allow children to call the family group from a phone without credit.	Aged 10 to 14 1.35 million

Key market drivers

The rapidly aging population driven by the baby boomer bubble is the key market driver

Evolution of Baby Boomer Demographic 2012 -2022
a growth market



	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89
2012	396	575	351	291	196	153	94	43
2017	374	396	375	351	291	196	133	94
2022	388	574	396	575	351	291	196	153

Australia. Similar trends in the US.

Other important trends…

1. Increasing use of mobile phones in the 65+ aged group.
2. The decline in landline usage in favour of mobile phones in the 65+ aged group.
3. The unsuitability of the NBN (National Broadband Network) to older alarm pendant devices (forcing existing products to change their technology, but in the meantime reports of these devices not working with the NBN is causing negative publicity).
4. The recent changes to Australian Telco cooperation making it standard practice for emergency services to be able to locate mobiles using cell tower triangulation (already operating in the US).

SECOND APPLICATION

Cloud based instant PBX

Live at MyFoneGroup.com.au
Online since circa 2013

Alternative products applying the core technology

The architecture of the core system is such that it can be readily reconfigured/programed to provision other applications.

For example, the size of the call group (currently set to a maximum of 9 people) is simply a system setting; in practice there is no limit to the number of external parties that can be simultaneously called via the call group.

The core system has already been adapted to support the MyFoneGroup application (currently online at www.MyFoneGroup.com.au), and further products have been contemplated as listed previously in this document.

The broad provisions of the Australian (broader) and US patents (confined to voice applications) may also be used to provide IP protection for other applications of the core system.

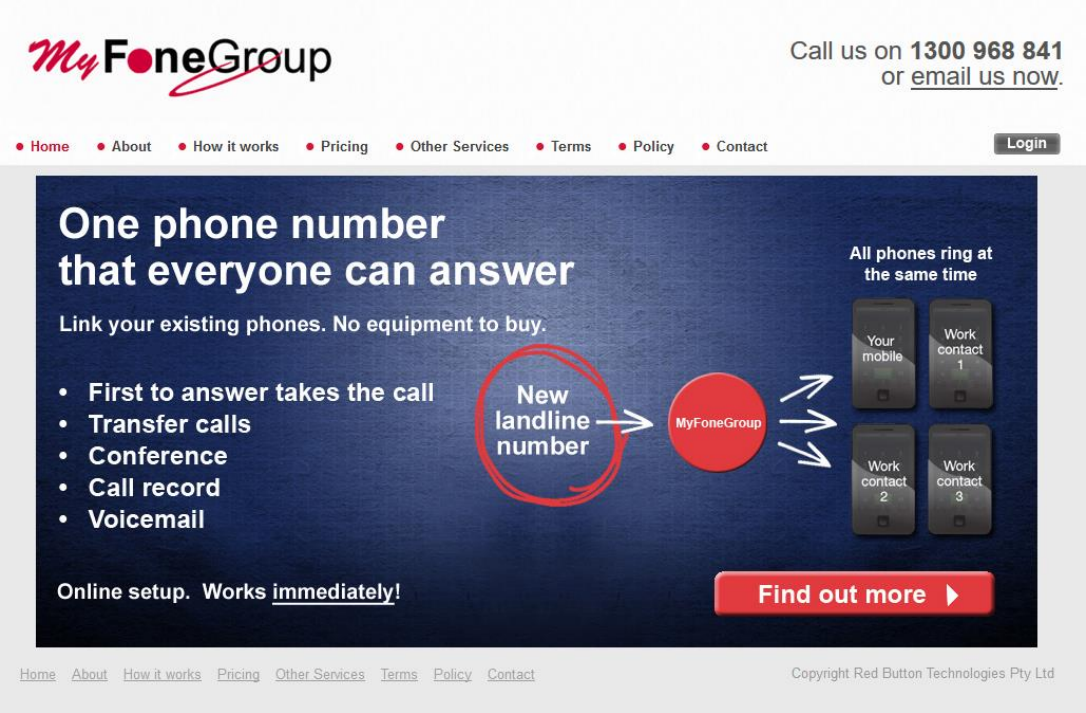
MyFoneGroup

Allows the grouping of independent phone devices (any network and any handset) to form an imitation PBX arrangement.

A new phone number is instantly provisioned by the system. Calls to the new number ring on any or all phones and can be transferred between devices.

Call recording and conference calls are also provided.

Setting-up takes minutes.



THIRD APPLICATION

Emergency contact system for Children

Concept only

1800Tingle

1800Tingle is a product concept that utilises the core technology (cloud based server) to provide an alternative product.

The product would be a more effective competitor to 1800MUMDAD.

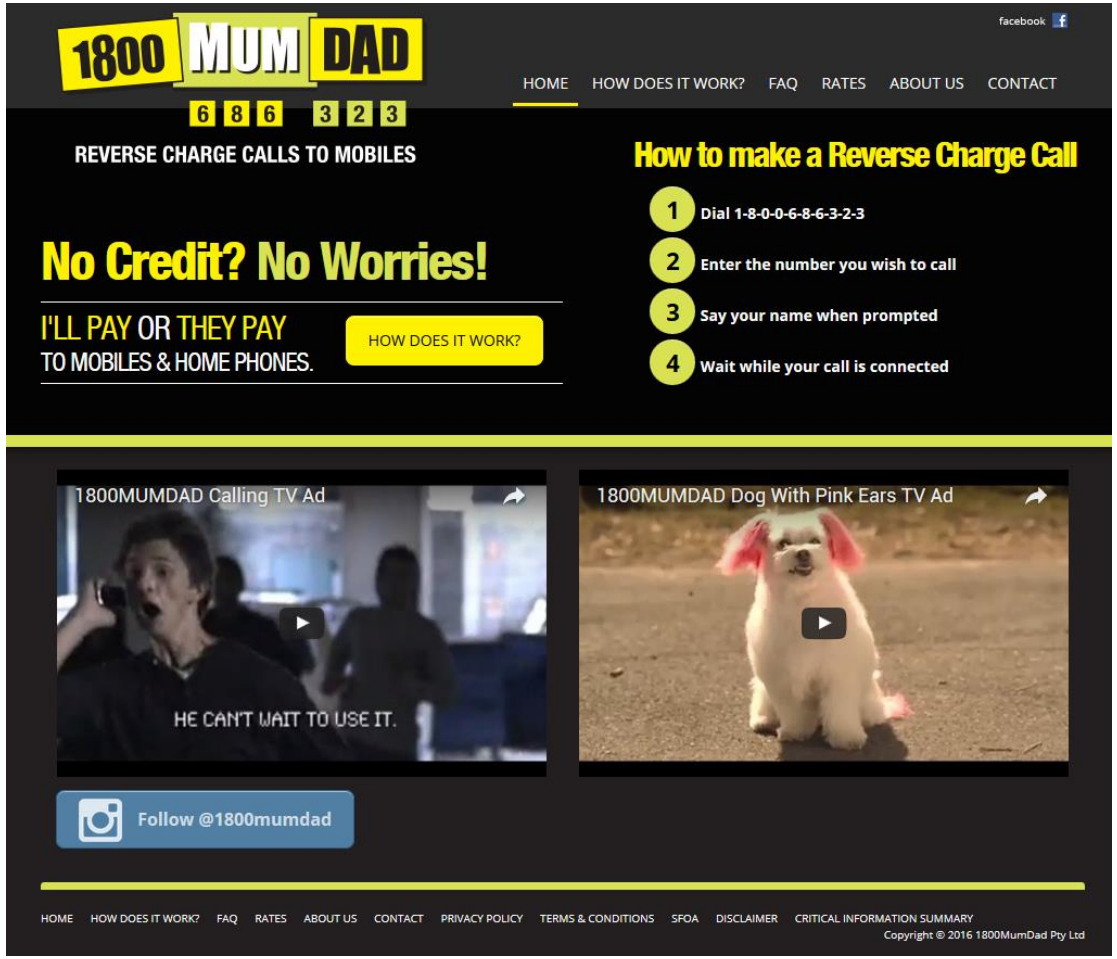
1800Tingle would operate as follows…

- Recently, the ACMA made policy changes mandating that calls to 1800 numbers are FREE to mobile phone uses and networks have made changes that enable pre-paid phones without credit to call 1800 numbers.
- 1800Tingle would allow parents to set-up an account and provision a call-group of family members.
- A child could call 1800Tingle and be immediately connected to a family member (using the same simultaneous calling system as used in Red Button).
- Similarly, Triple Zero (911 US) can be added to the call if required.

1800Tingle would work faster than the more clunky existing product 1800MUMDAD which requires far more steps to work.

We have registered the domain www.1800Tingle.com.au & the number 1800 Tingle.

This product is covered by our Australian and US patents.



OTHER APPLICATIONS

Concepts only

Other ideas for application

Aged Care Village alert system (campus alert system)	As described previously in this document, The Red Button alert system could be modified at the server level to provision an alert system that serviced hundreds of phones that are answered by one call group. An enterprise web portal could be provided to configure and monitor.
Virtual alarm monitoring	Standard protocol in most alarm monitoring bureaus (manned control room) is for the operator to call a list of numbers when an alarm event is detected. The core system could be modified to do this automatically.
M-Health monitoring system	The new breed of biometric devices requires a monitoring network to channel data to end points for monitoring. This requires a Communications Management System. This scenario is specifically mentioned in our patent claim set (Australian patent)
No-credit calling e.g 1800Tingle	As described earlier
Social media telephone plug-in	Platforms such as **LinkedIN**, **Facebook**, and **Dating Sites** envisage facilitating voice calls between “friends” or “contacts”. Our core system could be used to provision this functionality. Facebook has already launched this and arguably could be **infringing** our patents.
Tribe Call: An instant voice message broadcast system	A user wishes to send a short voice message to a group of friends. One call (via speed dial) to our system immediately contacts the group and replays the message while and/or after it is being recorded.
Instant conferencing	A single phone call to our system sets-up a conference call with a group. Far less cumbersome than with current systems.
Rapid prototyping	The nature of our core system allows the setting-up of new applications requiring the integration of web, payment gateways, voice and SMS services and databases.
The internet of things	The Australian patent claim set is not confined to people. The concept of a Communications Management System linking devices through the internet may infringe.

POTENTIAL FACEBOOK INFRINGEMENT

Facebook Messenger Group Call

Facebook has launched a VOIP telephony service.

On Wednesday 20 April 2016 Facebook head of messaging products David Marcus announced that the Messenger app will now support group calls for every user.

The Messenger Group Call app allows a user to initiate a group VOIP call (conference call) with members of a group previously set-up in their account.

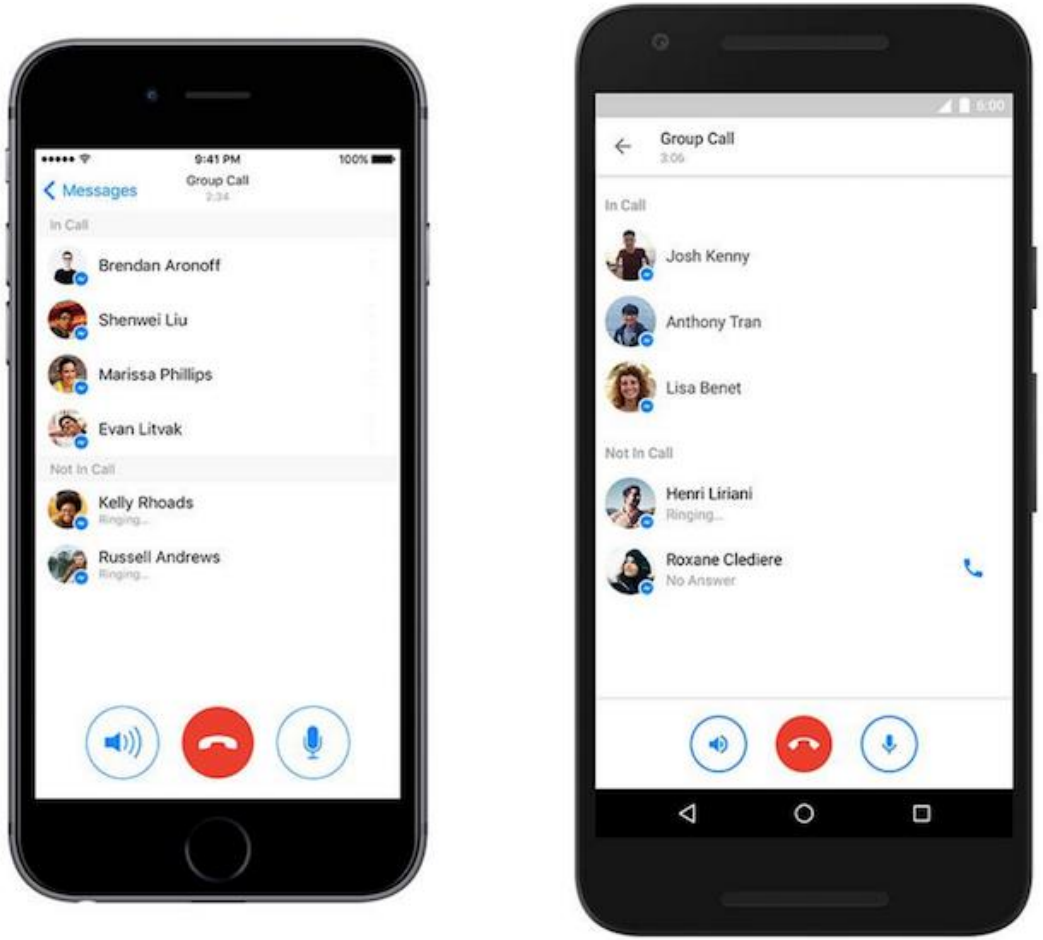
As described in Forbes online

http://www.forbes.com/sites/amitchowdhry/2016/04/21/facebook-messenger-rolls-out-group-calling-to-every-user/#207526d5486c

The concept of "a communications management system for handling communications between a user and a plurality of recipients associated with the user" is the central concept to both our US & Australian patent.

Potentially there is the possibility that the Facebook app infringes our patents.

With a priority date of September 2007 (the same year the iPhone was launched) our patents probably pre-date the Facebook concept.



Social media voice services are potentially within scope of our patent claim set

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