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# Wangle Technologies™

TOMORROW'S BANDWIDTH TODAY

Investor Presentation

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- Wangle Technologies has created a patent pending network software system that delivers greater transfer efficiency of data at faster speeds and lower cost to the consumer.
- Company was founded in 2013 by IT entrepreneur Robert Pole and retail executive Jason Gitmans (CEO).
- Wangle provides tangible benefits in the following key areas:



Reduction in **data** usage



Saves time through increased **speed**



Greater **security** due to encrypted data transfers



Providing a safe, secure, & **private network**

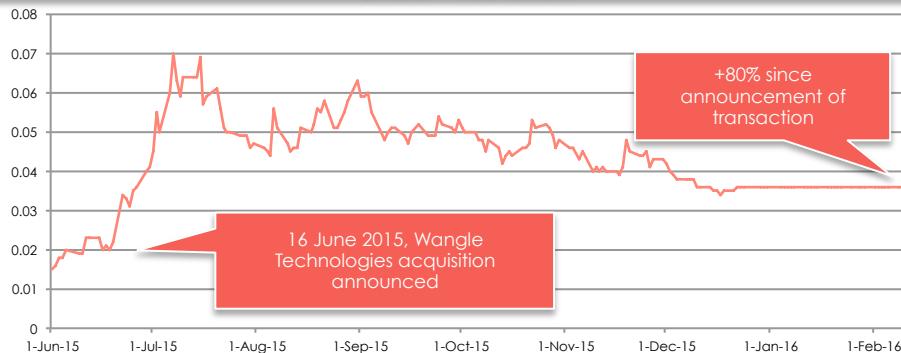


Enhanced User **Experience**

- Wangle's proprietary technology disrupts the global data market, which is experiencing increasing data usage and is unequipped to deal with future loads.
- The Company is well positioned to take advantage of the ongoing demand within the market for a technology solution to increase the efficiency and speed of data transfer.
- Commercialisation of its technology will begin through a downloadable app by the end of March, targeting 500,000 paying subscribers by December 2018.
- Revenue generation will commence in Q2 2016 with the implementation of a subscription based revenue model, with further commercialisation via the Enterprise and lucrative Hardware markets.
- The Company recently completed an acquisition transaction with ASX listed VTX Holdings - following the transaction the Company is well funded with \$4.3m in cash to execute its growth strategy.

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### Share Price Chart



TOP 20 = 41.83%

## Shareholders



- TWENTIETH CENTURY MOTOR C
- CARDUP SYNDICATE HLDGS PL
- ALIKABAY PL
- INDOMAIN ENTPS PL
- OURO PL
- SABRELINE PL
- GOLDEN POWER LTD
- DONGRAY RICHARD S + J

### ASX: VTX

52 Week Share Price	\$0.01 – \$0.08
Last price	\$0.036
Shares on Issue	815,044,168
Market Cap	\$29.3 million
Cash at bank	\$4.3 million

### SHARES

### NUMBER

Current Shares on Issue	717,744,168
Proposed issue of Put Option Consideration Shares	97,300,000
<b>TOTAL</b>	<b>815,044,168</b>

### OPTIONS

### NUMBER

Unlisted Options (ex price 2.5c, expiry)	62,034,867
Unlisted Options (ex price 7.5c, 10.0c, 15.0c, expiry 31 Aug 18)	15,000,000
<b>TOTAL</b>	<b>77,034,867</b>

### PERFORMANCE SHARES

### NUMBER

Performance shares on issue	98,300,000
Proposed issue of Put Option Consideration Shares	41,700,000
<b>TOTAL</b>	<b>140,000,000</b>

## Andrew Haythorpe

*Chairman of the Board*



During the past 15 years Mr Haythorpe has been involved in a number of junior company turnarounds with ASX and TSX listed companies.

Mr Haythorpe has held several board positions, including managing director of Liberty Resources Limited (now Cirrus Networks Holdings Limited (ASX:CNW), Michelago Limited and Crescent Gold Limited (taken over by Focus Minerals Limited), non-executive chairman of Aurox Resources Limited, Central Iron Ore Limited (formerly InterCOAL Limited), Central Kalgoorlie Gold Mines Limited and Top End Minerals Limited (ASX:TND) (formerly Top End Uranium Limited).

During this time Mr Haythorpe was involved in over \$200m worth of equity and debt raisings.

## Jason Gitmans

*Co-Founder,  
Chief Executive Officer  
and Executive Director*



Jason has founded and started many small to medium size enterprises over his career. These include wholesale, import export and retail.

His last endeavour saw him build a retail chain in over 19 European countries with 450 retail locations with over 2000 staff in a little under two years.

His roles have include top level company and entrepreneurial management.

He has built global networks across all continents.

Jason currently sits on various company boards and has substantial input into their strategic development and has a huge passion for IT.

Jason will oversee business development across both consumer and enterprise channels and implement key monetisation strategies to provide immediate revenue streams to the company.

## Keaton Wallace

*Non-Executive Director*



Keaton Wallace is a Founder and executive director of ZipTel Limited, which successfully listed on the ASX in July 2014. Keaton has overseen the business operations of ZipTel's two core products - AussieSim and the ZipT mobile based application. ZipT is a mobile based application utilising proprietary compression technology to allow VOIP calls to be carried at less than 8 Kbps.

Keaton is a seed shareholder in Wangle and has also played a key role in the listing process of the company on the ASX.

Keaton will be instrumental to Wangle's global rollout strategy, leveraging his worldwide contacts in technology and the digital marketing space.

## Cam Worth

*Chief Technical Officer*



Mr Worth brings over a decade of experience of developing, implementing and deploying large-scale software and technology projects within enterprise and start-ups. He has led multiple large software and technology projects across the I.T sector for leading technology companies across international markets. He consulted extensively in software development and cloud solutions.

He has founded three successful businesses, including; Red Tiki, an award winning boutique web and multimedia design agency; Simplisite Business Solutions, a specialist web, software & IT solutions provider; and Operativ Software, a specialist mobile application development studio and digital publishing agency.

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**Wangle Technologies** has developed **disruptive 'virtual' software technology**, that optimises, rebuilds and intelligently compresses data. The technology takes advantage of a rapidly growing data consumption market in demand of a cost efficient solution to increase speeds and simultaneously lower data usage.



See how it works @ [www.wangletechnologies.com](http://www.wangletechnologies.com)






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**Patents Pending**  
Protection for proprietary network protocol and 'last mile' optimisation technology that underpins the Wangle products.



The Wangle IP Technology combines a range of advanced subsystems to deliver unparalleled acceleration and data optimisation. Our solution reduces the amount of data used by up to 57% by leveraging and optimising data flows, improving the user experience and saving on bandwidth and data. And, it can be used on Mobiles, Tablets and Desktops alike.

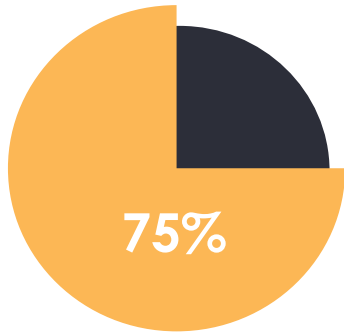
## Android Testing Results across Key Platforms

	USERS	AVERAGE TIME SPENT ON PLATFORM	AVERAGE DATA USED WITHOUT USING  wangle	AVERAGE DATA USED ON  wangle	DATA SAVING WITH  wangle (PER HOUR)	% DATA SAVING WITH  wangle	POTENTIAL COST SAVINGS WITH  wangle (PER HOUR)
FACEBOOK (ANDROID APP)	1.49 BILLION	41.2 MINUTES PER DAY	6MB - 18MB IN 5 MINUTES	4MB - 11MB IN 5 MINUTES	UP TO 50MB	UP TO 52%	UP TO 0.61c P/H
NETFLIX (ANDROID APP)	60 MILLION	46.6 MINUTES PER DAY	420MB - 500MB PER HOUR	380MB - 410MB PER HOUR	UP TO 90MB	UP TO 53%	UP TO \$1.20 P/H
INSTAGRAM (ANDROID APP)	300 MILLION	21 MINUTES PER DAY	8MB - 16MB IN 5 MINUTES	5MB - 12MB IN 5 MINUTES	UP TO 36MB	UP TO 57%	UP TO 0.48c P/H

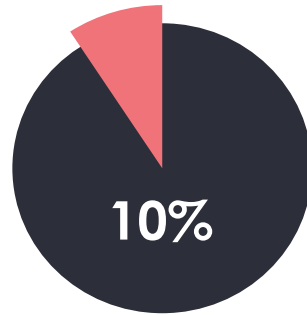
\*Based on average Australian data plan over all carriers of \$13.29 GB

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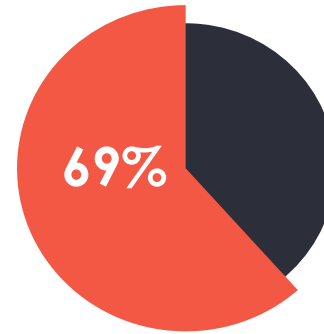
Mobile data traffic continues to grow exponentially – Current internet service providers have wildly underestimated growth and infrastructure is under-equipped



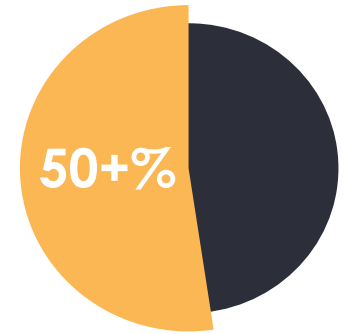
Smartphones will represent three-quarters of mobile data traffic by 2019.



Tablets will exceed 10 percent of global mobile data traffic by 2016.



Mobile Video will Generate More Than 69 Percent of Mobile Data Traffic by 2019



4G traffic will be more than half of the total mobile traffic by 2017.

Monthly global mobile data traffic will surpass **24.3 exabytes** by 2019.

By 2019, smartphone traffic will be **10.5 times** greater than it is today.

Consumer demand is growing at **5x** the expected global mobile data speed

The number of mobile-connected devices exceeded the world's population in 2014.

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## MOBILE & TABLET DEVICES



**49%** of all IP traffic will originate from non-PC devices by 2017.

Estimated **2 Billion** Smartphones globally.

In Q1 2015 there were **76 Million** tablet shipments globally.

## DATA USAGE



Global Internet data usage expected to grow at **21%** annually.

**Mobile data traffic grew 52%** from mid-2013 to mid-2014.

There will be more than **19 Billion** global network connections by 2017.

Infrastructure to support data usage increase is not progressing at the same pace and projected growth exceeds projected capacity.

## VIDEO CONTENT STREAMING



By 2017 there will be **3 Trillion** videos per month created.

Video Internet traffic will increase to **69%** by 2017, from 57% in 2012.

## INTERNET OF THINGS



Technology retail sales driven by IoT to reach **US\$287 billion in 2016**, in the US alone.

Industry to be worth **US\$14 trillion by 2022**.

- **Emerging markets**, with underdeveloped infrastructure
- **Market flexibility**, Wangle is an accessible and low cost option
- **Highly scalable**: minimal capital expenditure required to fund future growth

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Strategy to establish presence and gain traction within the consumer market, before entering larger enterprise market.



Android Soft Launch to selected users and regions and consumer acquisition strategy commenced.

Focus on mass acquisition upon Android and iOS launch and monetisation of user base in Q2 2016.

Further products and services currently in development to be rolled out.



Focus on development of technology for enterprise market.

Higher revenues and higher margins.



Agreement in place to facilitate build and deployment of microchip.

Hardware product opens up significant billion dollar market opportunity.

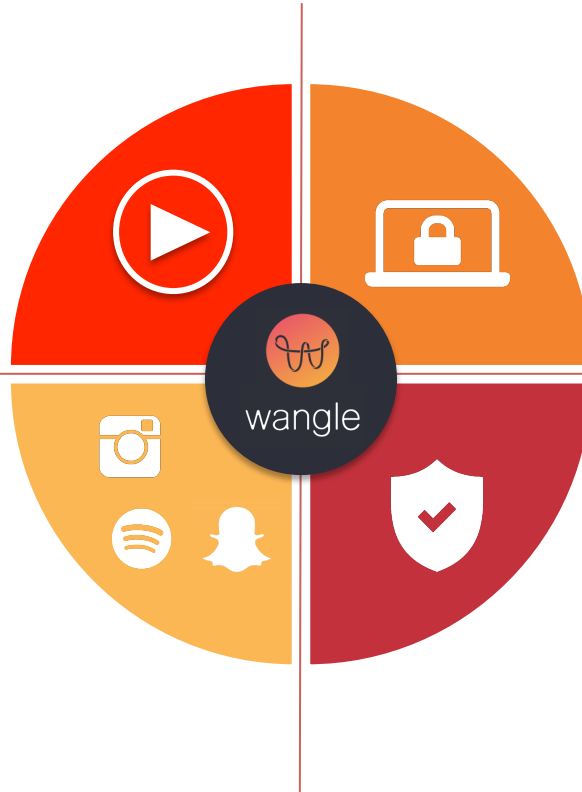
Providing 3<sup>rd</sup> party endorsement of the patent pending technology.

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**4K Video content** is increasingly becoming the number one streaming activity online.

Consumers get better quality and faster streaming.

Enterprise can offer better quality streaming and grow customer base.



Growing Concerns Around **Privacy Online** (16% of Australian's use a VPN) \$46.26 billion global market by 2020.

Consumers provided with added privacy and a VPN like service.

Secure and safe dedicated private service for Enterprises who require extra privacy

Surge in **Mobile Data Use** – Reduces Speed.

Consumers save money through reducing data consumption and have a better experience because of increased speeds.

Enterprise access faster Internet speeds and telecomms companies lower maintenance on hardware through reduced use / data transfer.

**Internet Security** – Rise of cyber threat (estimated to cost the world economy US\$400 billion).

Wangle's encryption technology provides added security of data.

Enterprise grade encryption technology offers reliable and safe data transfer.

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Mobile app will be available to download on Android and iOS via Google Play Store and the App store.

- **Wangle** is a free to download mobile based app providing consumers with **faster download speeds and substantial data savings**.
- **Targeting the global data consumption explosion** and demand for higher bandwidth and increased privacy.
- **Soft launch and Beta testing completed** - monetisation to commence to Q2 2016, targeting 500,000 paying subscribers by December 2018.

- ✓ Enhanced privacy and security
- ✓ Up to **100%** speed increase & **up to 57%** lower data usage across popular applications
- ✓ Scalable with ad on features / Packs to come



Testing demonstrated superior performance, enhancing the connection across popular applications



Up to 50MB/hour saved



Up to 90MB/hour saved

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## CORE APPLICATION

### USER EXPERIENCE

- ✓ DATA SAVINGS
- ✓ SPEED INCREASED

### USER SAFETY

- ✓ SECURITY
- ✓ PRIVACY

## PARENTAL PACK

- ✓ SAVE TRAFFIC
- ✓ COOKIE BLOCKER
- ✓ PARENTAL PROTECTION
- ✓ FAMILY SCHEDULING
- ✓ TRACKING

## ENTERTAINMENT PACK

- ✓ SAVE TRAFFIC
- ✓ COOKIE BLOCKER
- ✓ GEO MASKING
- ✓ GAMING OPTIMISATION

OR

CUSTOMISE YOUR OWN PACK



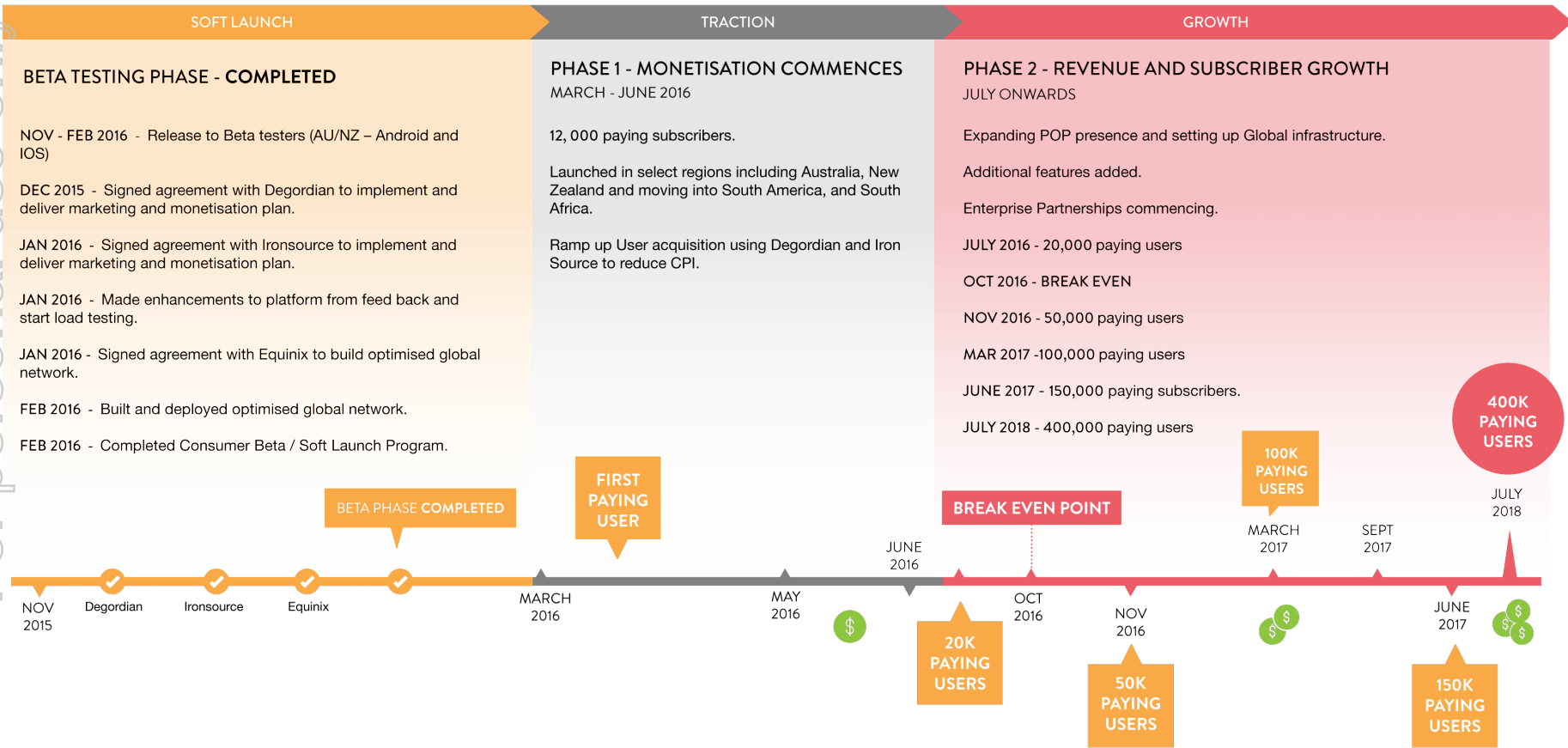
## The Entertainment Pack

Provides enhanced gaming features to improve access to content and the online gaming experience.

## The Parental Pack

Access to features that manage web usage and activities including scheduling to control when children are allowed to access content, usage tracking and intelligent content blocking.

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## MONETISATION STRATEGY - Quality Aquisitions

Download for iOS or Android

ONE MONTH FREE TRIAL

\$6 PER MONTH AUTO RENEWAL (OPT OUT)

OR

PRE PAY YEARLY SUBSCRIPTION \$60 (DISCOUNTED)






+ ADDITIONAL PACKS 0.99c MONTH (PARENTAL / ENTERTAINMENT / CUSTOM)

+ ADD ADDITIONAL DEVICES (0.50 A MONTH PER DEVICE) (MAX 5 DEVICE PER ACCOUNT)

### KEY CUSTOMER METRICS

- ↑ HIGH ARPU
- + 🧠 HIGH RETENTION
- + 👥 HIGH ENGAGEMENT
- = 💰 HIGH (LTV) LIFETIME VALUE

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UX Acceleration	YES	YES	NO	NO	NO
Data Savings	YES	NO	NO	NO	NO
Security & Privacy	YES	YES	YES	YES	YES
4K enablement	YES	NO	NO	YES	NO
Total Device Acceleration	YES	NO	NO	NO	NO
Browser/App acceleration	YES	YES	NO	NO	YES
Cookie Blocking	YES	NO	NO	NO	YES +1.29
Parental protection	YES	NO	NO	NO	NO
Game Optimisation	YES	NO	NO	NO	NO
Parental Tracking	YES	NO	NO	NO	NO
Family Scheduling	YES	NO	NO	NO	NO
Subscription Price (per month)	From \$6.00	N/A	From \$8.32	From \$11.62	From \$6.49
Per GB		1GB - \$1.88			
Total Users	TBA	~ 500K	~1MIL	~1MIL	~ 2.5MIL

Wangle has significant advantages over its indirect competitors.

It enhances security and privacy; increases Internet speeds; and saves data costs.

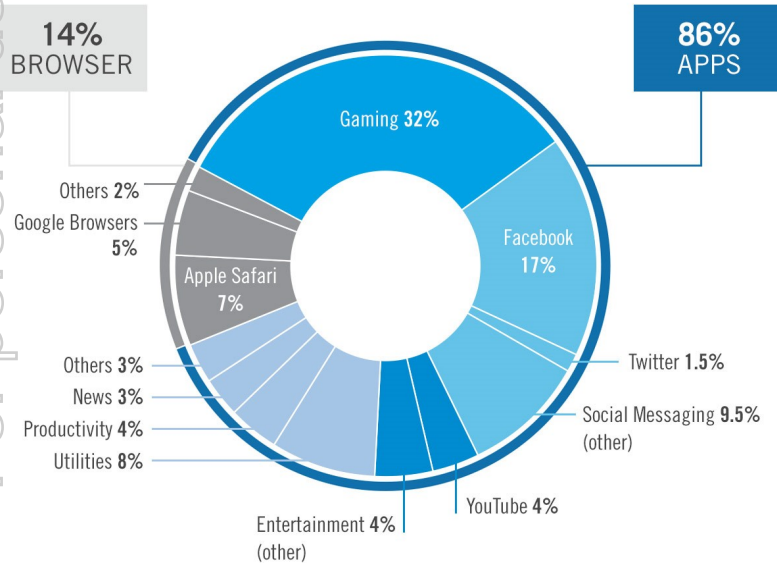
Wangle provides a feature rich enhanced User-interface to access the internet.

\*WANGLE IS A FIRST TO MARKET OPPORTUNITY WITH NO DIRECT COMPETITORS\*



## Mobile APPS

### Time Spent on iOS and Android Connected Devices



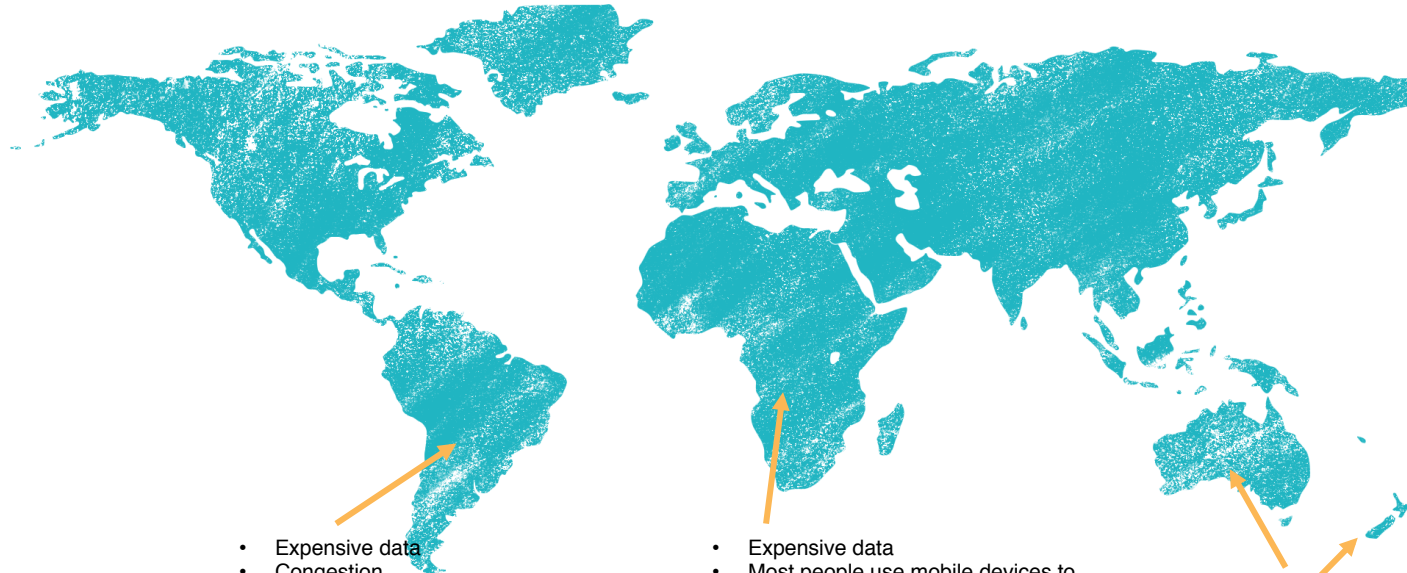
At a glance —

- There are over 3.8 billion apps available today.
- Almost all of these apps consume data (music, movies, games, social media).
- 15 million Australians own a smart phone and a further 12 million own a tablet.
- The average Australian users over one GB of data a month and this is increasing.
- Using Wangle saves data charges while getting a much safer, faster and enhanced user experience.
- Average monthly price in Australia per GB on a plan is \$13.29 - if you exceed this, it can be as much as \$29 for casual use.
- Wangle provides more from existing plans and a buffer to prevent users incurring expensive charges.
- This means the average user could save up to \$7 a month or \$84 a year.
- 100,000 customers would equate to 0.0006% of the smart phone market in NZ, Australia, South Africa and South America at \$6 a month per user will equate to significant revenue for the company.

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**Global mobile data traffic grew 74% in 2015 to reach 3.7 exabytes**

**Emerging markets lack the infrastructure to deliver a quality Internet service**



- Expensive data
- Congestion
- Slow connections
- Low grade infrastructure
- 4% of all transactions were fraudulent

- Expensive data
- Most people use mobile devices to access the internet
- 7% of online transactions were fraudulent

- Expensive data
- Peak time congestion
- Remote locations lacking quality service

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## Partnerships with best of breed digital media providers to accelerate user acquisition in target markets



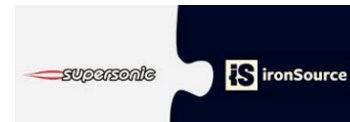
Full service digital and social media agency, specialising in performance based campaigns.

Executed campaigns for leading global brands including LEGO, Lufthansa, Dell and Bosch.

Performance driven, targeted marketing campaigns utilising Degordian's superior analytical software and expertise.

Campaigns to deliver:

Accelerated user acquisition	User Retention	Reduced CPI
High quality users	High ARPU	High Life Time Value (LTV)



World leader in App discovery, with unique distribution channels accessing over 800 million people per month and delivering over 6 million installs per day.

Delivered results for global brands: Yahoo, Google, Unilever and Disney and Intel.

Large scale, performance driven exposure for brands with mobile, mobile web and cross-device video advertising.

Platform to provide:

Highly engaged users	Sophisticated analytics	Unique distribution channels
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Wangle technology has a number of potential avenues into the enterprise market through a variety of customised solutions, utilising its enterprise grade optimisation technology.

## Customisation (White Labelling)

Enables large enterprises to provide customers with access to the Wangle technology as a component of their existing product or service.

## Software Development Kit (SDK)

Mobile software developers can integrate Wangle's technology directly into their apps and significantly improve the end user experience.

## Hardware Integration

The Wangle platform can significantly increase the capacity for data transmission across existing hardware infrastructure.

- ✓ Increases speeds
- ✓ Generates efficiencies
- ✓ Lowers maintenance costs
- ✓ Decreases operating costs
- ✓ Reduces data transfer and consumption

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Wangle technology offers a myriad of enterprise sectors significant benefits to enhance their capabilities, generate costs savings and improve the quality of their offering.

**Telecoms \$42.9bn**  
(Australia 2014)

**Video Streaming Services \$14bn**  
Expected to overtake box office in revenue by 2017

**App Stores \$8.3bn**  
Global revenue

## Potential Enterprise Partners



**Alcatel·Lucent**

World's largest undersea cable operator. Wangle technology has potential to extend the life of cables due to ability to decrease amount of data delivered.



One of the world's leading app developers. Wangle technology has potential to be white-labeled and incorporated into their apps.

- ✓ **Disruptive technology in a market ripe for disruption** – Wangle Technologies has developed cutting edge 'virtual' software technology, which optimises, rebuilds and intelligently compresses data, taking advantage of a rapidly growing data consumption market in demand of a cost efficient solution to increase speeds and simultaneously lower data usage.
- ✓ **Significant global market opportunity** – initially targeting the mobile technology sector with ~2 billion smartphone users, globally and the online video content market, expected to account for ~70% of all data traffic by 2017.
- ✓ **First mover advantage** - first to market compression algorithm (patents pending), which can change the way we consume and transfer data.
- ✓ **Demonstrated superior performance** with increased levels of data speed by up to 100% and up to 57% lower data usage across popular applications including Facebook, Netflix and Instagram.
- ✓ **Highly scalable cloud based platform** and quick to deploy, with multiple applications across the consumer and enterprise markets providing **numerous monetisation opportunities**.
- ✓ **Strong management and leadership team** with proven entrepreneur and technology experience to execute, drive growth and create significant shareholder value.
- ✓ **Monetisation** to commence in Q2 2016