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Australian Securities Exchange
Level 40, Central Park
152-158 St George's Terrace
Perth WA 6000

WANGLE VPN APP TO BECOME FASTEST AND MOST SECURE ON AUSTRALIAN MARKET

Wangle Technologies Limited (**ASX: WGL**) (**Wangle** or **Company**) is pleased to provide the following update on the progress of the Wangle VPN App, its positioning in market and its upcoming commercial rollout. This release is the first in a number of updates offered to market in the coming weeks.

Summary

- The Wangle VPN App has successfully completed its MVP stage.
- Functional Release version 1.0.0 will be available in early April 2017.
- A full commercial version of the App to be released by 19 April 2017.
- The Wangle VPN App will launch as the fastest, most secure ACMA compliant VPN on the market.
- A global network of satellite POPs established to support the final commercial model.

Wangle VPN App MVP Completion

With the MVP stage now complete, Wangle is pleased to announce the full release of version 1.0.0 of the Wangle VPN App will be available to the public is scheduled to occur in early April 2017. The release will incorporate enhancements to the App that include changes to the user interface, speed and security upgrades as well as an expansion of the network footprint, in preparation for a full commercial release by 19 April 2017.

Since January 2017, the Wangle VPN App has undergone substantial live testing, network testing and bug fixing with regular feedback from users being captured to allow all aspects of the App to be reviewed and optimised. Wangle is pleased to announce that the MVP testing phase has now been completed with all major items addressed.

Wangle VPN Network Optimisation & Global Network Deployment

The Wangle team has now completed the fine tuning and expansion of our network infrastructure, based on valuable feedback received from our MVP VIP user base. This effort has been supported by our global partners Rackspace and Amazon Web Services (**AWS**), who have been essential in improving performance and reliability over the past few months.

Network optimisation involved extensive work including:

- Faster access to content through implementation of a peering-aware Domain Name Server (**DNS**) structure and routing improvements between Australian mobile data carriers;
- Improved data flow on the Wangle network through optimised User Datagram Protocol (**UDP**) server-side configuration including support for Jumbo Frames; and
- Greatly reduced lead times for infrastructure upgrades and changes by fully integrating infrastructure-as-code orchestration with AWS.

In addition, and to support Australian customers travelling overseas, Wangle has provisioned a set of high capacity points of presence (**POPs**) in key locations to bring even greater value to our customers on a global scale.

- 8 Global AWS locations: US East and West Coast, UK, Central Europe, Singapore, Japan, India and South America.
- High performance and high capacity infrastructure to provide the best possible experience for users away from home.
- Fully monitored and easily expanded through full integration of infrastructure-as-code orchestration with AWS.



Wangle VPN App Market Position

After a competitive review of VPN Apps in the Australian market, Wangle has prepared a positioning for the Wangle VPN App to best support its commercial release to market. The following positioning will be taken to market with a message that will also lay a brand foundation for future commercial products to be released later this year.

Wangle VPN App key selling points:

- Wangle VPN is the fastest mobile VPN network in Australia.
- Protect data and identity from theft at home and when travelling abroad by utilising an enterprise-grade secure and private network.
- Wangle VPN is the only VPN with Australian Communications and Media Authority (**ACMA**)/Communications Access Coordinator (**CAC**) compliance.

The new positioning reflects a decision to optimise for speed whilst still providing market leading data savings against the VPN competitor set, and delivering a message of global protection for Australians against data theft, identity theft and other data breaches, both at home and when travelling abroad where the risks are amplified. ACMA compliance for the App will be reinforced as a unique feature versus competitors to further validate its security credentials.

Commercialisation and Launch Date












The review of VPN competitors included their commercial and marketing strategies. Whilst the Wangle VPN App in its full release will be a more premium offering, faster than all competitors and the only App in market with ACMA/CAC compliance, the Company wishes to ensure customer acquisition and growth remains the early focus to ensure network scale is realised and tested as quickly as possible.

Wangle will therefore launch the Wangle VPN App as its first commercial model with an initial \$4.99 monthly subscription, making Wangle the most competitive VPN product in market and positioning the App for aggressive growth. The pricing structure will be reviewed over the following six months to balance the growth focus against added functionality and capability as the App develops further throughout the year.

Full compliance with the updated Telecommunications Act¹ as required by ACMA is likely to affect most, if not all VPN suppliers within Australian App stores from the compliance date of 19 April 2017. Wangle will release its full paid subscription release prior to this date to ensure the Wangle VPN App is well placed to benefit from announcements, press and subsequent action related to the compliance date over this period.

¹ Telecommunications (Interception and Access) (Obligation to Keep Records) Instrument 2015. Telecommunications (Interception and Access) Act 1979 (TIA Act).

Wangle VPN vs Top 10 Aus Competitors

	ACMA/ CAC COMPLIANCE (By 19.04.17)	INCREASES CONTENT UPLOAD SPEED	INCREASES CONTENT DOWNLOAD SPEED	SAVES DATA	ENCRYPTION	INTERNATIONAL SERVERS	\$/MTH (MTHLY)*	RATING
	✓	✓	✓	✓	✓	✓	\$4.99	★★★★★
 ExpressVPN	✗	✗	✗	✗	✓	✓	\$16.95	★★★★★
 NordVPN	✗	✗	✗	✗	✓	✓	\$16.95	★★★★★
 vyprvpn	✗	✗	✗	✗	✓	✓	\$13.03	★★★★★
 IPVANISH VPN	✗	✗	✗	✗	✓	✓	\$13.10	★★★★★
 HIDE MY ASS!	✗	✗	✗	✗	✓	✓	\$17.42	★★★★★
 HIDE.me	✗	✗	✗	✗	✓	✓	\$13.09	★★★★★
 purevpn	✗	✗	✗	✗	✓	✓	\$14.41	★★★★★
 SAFERVPN	✗	✗	✗	✗	✓	✓	\$11.78	★★★★★
 Avira	✗	✗	✗	✗	✓	✓	\$14.34	★★★★★
 STRONG VPN	✗	✗	✗	✗	✓	✓	\$13.10	★★★★★

*1 USD = 1.31 AUD as at 28 Mar 2017

Marketing Support for the Wangle VPN App

Marketing for the Wangle VPN App will commence in April and follow a linear approach initially optimising for free traffic growth (**SEO**) and App store conversion optimisation (**ASO**) supported by Public Relations (**PR**) activity in market and tactical paid activity within social, search, retargeting and display channels. As these channels are optimised and the PR campaign gains momentum, targeted paid activity will increase to build brand and App awareness amongst identified optimal segments.

In support of these activities Wangle has entered into agreements with specialist agencies in the areas of PR, SEO and ASO who have been building out activation activity over previous weeks.

Third Party Testing

Wangle has engaged the services of a reputable professional services firm to test and audit the performance of the Wangle VPN App against competitors within the VPN market.

Technical Summary of Wangle VPN Improvements

Based on the completion of the Wangle MVP phase the platform as a whole has progressed to its first release, version 1.0.0. This version brings with it significant performance improvements over earlier versions and new features designed to improve the user experience. In addition to these new features the release also includes fixes for all serious issues and bugs identified to-date during the MVP phase.

The following key features and improvements have been deployed to the Wangle VPN platform and are available to all users with the latest version of the iOS or Android Apps:

- Updated VPN server and protocol with support for virtual and physical Maximum Transmission Unit (**MTU**) optimisation including support for jumbo frames (larger packets) and improved packet identification and prioritisation. This significant update to the core services of the platform adds further bandwidth performance to the service and extends support for modern networking potential to the last mile and mobile clients;
- Platform identification support has been added to the system, allowing Wangle to inform users of the Apps and platforms that are consuming data while connected to the VPN. This feature is intended to help users identify what Apps are consuming the majority of their data allocation in a convenient and succinct way; and
- The dashboard of the Apps has been updated to improve the legibility of key information and now includes a platform with a data usage summary and an improved engine that resolves a number of minor layout issues that affected some users when using their iPhone as a personal hotspot.

- ENDS -

For further information, please contact:

Wangle Technologies

Sean Smith
MD and CEO
p: +618 6489 1600

Wangle Technologies

Loren King
Company Secretary
p: +618 6489 1600
info@wan.gl

ABOUT WANGLE TECHNOLOGIES

Wangle Technologies has developed patented algorithms to optimise data flow between devices. It allows faster data transfer and reduces data overhead, while enhancing security and privacy. Wangle's technology provides compelling value to consumers and to service providers looking for innovative low cost solutions to manage network capacity in the face of unprecedented growth in data consumption.