



# NEMEX

## RESOURCES LIMITED

ACN 146 243 843



12 March 2015

### Fast Facts

#### Capital Structure

Shares on issue	220.4M
Options	33.3M
Performance Rights	0.5M
ASX Code	NXR

#### Directors &

#### Senior Management

**Patrick Flint**

Chairman

**Paul Jurman**

Non-Exec Director &

Company Secretary

**Peter Turner**

Non-Exec Director

#### Project Highlights

##### WBT Investment

- Biometric technology
- Potential global market
- Strong management

##### Guinea (Iron)

- High-grade iron discovery
- Large resource potential
- Targeting DSO production

##### W Australia (Iron)

- Woodley DSO Project

#### Contacts

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[www.nemexres.com.au](http://www.nemexres.com.au)

### NXR increases interest in

### Wavefront Biometric Technologies to 40%

Nemex Resources Limited (NXR) is pleased to advise it has exercised its option to acquire a further 10% interest in Wavefront Biometric Technologies Pty Ltd (WBT), thereby increasing its interest in WBT to 40%.

WBT has commenced the third phase of its planned development program, and is focussing on:

#### *1. Further improving performance of the multi-biometric system.*


System performance is a measure of a number of key criteria including false acceptance rate (FAR), false rejection rate (FRR) and failure to enrol (FTE). The challenge for all biometric systems is to offer an identity authentication solution that is capable of being used by the whole population (ie nominal FTE) and that delivers nominal FARs and FRRs.

Analysis of available data indicates that WBT's multi-biometric system has enrolment rates superior to its competitors, and FAR and FRR comparable to its competitors. WBT has also identified a number of opportunities that are expected to see further improvements in overall system performance during this current phase of product development.

It should also be noted that WBT's multi-biometric system has a natural proof of liveness test. Commercially available iris systems currently do not possess WBT's unique method of liveness testing in terms of its robust facility to resist replay attacks or other methods to spoof biometric security systems. WBT's system also operates in the visible light spectrum. Commercially available iris recognition systems utilize near-infra red (NIR) light. NIR light requires a specific illuminator. Standard mobile devices, such as tablets and mobile phones, only provide illumination in the visible light spectrum.

#### *2. Arranging completion of independent testing and assessment of technology performance.*

This process will be undertaken at a leading biometric testing facility in the USA, and is expected to be completed in June 2015. Completion of independent testing will be a key step in confirming to commercialisation partners the competitive advantages of the system.



*3. Finalising and submitting patent applications in respect of the new intellectual property developed.*

The new patent applications are expected to be filed in early April 2015. These will provide further protection for WBT's multi-biometric system.

*4. Ramping up commercialisation activities.*

WBT is planning to demonstrate its multi-biometric system in North America and Asia in April and May 2015 to leading mobile device manufacturers and defence industry groups. Feedback from these groups will inform WBT's commercialisation strategy and is expected to lead to licencing agreements and / or development partnerships in key target markets, including financial services, defence, health and security access.

WBT remains on track to deliver an independently tested, industry leading, patented multi-biometric system in 2015.

Detailed information about Nemex is available at [www.nemexres.com.au](http://www.nemexres.com.au)

**For further information about Nemex contact:**

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Chairman

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**About Nemex Resources**

Nemex Resources Ltd (ASX: NXR) boasts a diversified asset portfolio comprising interests in both the minerals and technology sectors.

Nemex has a 40% interest in Australian-based biometric technology developer Wavefront Biometric Technologies (WBT), and has the right to increase this to a 51% interest.

WBT is in the process of developing and commercialising a unique identity authentication technology. WBT has developed and patented a biometric technology for reliable and secure authentication of a person's identity, based on capturing data associated with the eye. The technology has potential applications across numerous sectors around the world, including banking, healthcare, military, aviation and border control.

Nemex also holds interests in the Télimélé DSO Iron project in Guinea and the Woodley Iron project in Western Australia.