



NEMEX

RESOURCES LIMITED

ACN 146 243 843



8 September 2014

Fast Facts

Capital Structure

Shares on issue 157.4M
Options 86.9M
Performance Rights 9.0M
ASX Code NXR

Directors & Senior Management

Patrick Flint

Chairman

Peter Turner

Non-Exec Director

Paul Jurman

Non-Exec Director &
Company Secretary

Project Highlights

WBT Investment

- Biometric technology
- *Potential global market*
- *Strong management*

Guinea (Iron)

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

Côte d'Ivoire (Gold)

- *Geophysical anomalies*
- *Exciting opportunity*
- *Under-explored country*

Contacts

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www.nemexres.com.au

NXR increases its interest in Industry Leading Security Biometric Technology

Highlights

- NXR exercises option to increase interest in Wavefront Biometric Technologies Pty Ltd (WBT) to 30%.
- WBT has successfully miniaturised and adapted its proven technology to a mobile platform.
- Next phase of WBT development program to focus on:
 - improving design and performance of miniaturised prototype;
 - commencing commercialisation discussions with potential licensees in the mobile banking and military / defence sectors.
- NXR to raise \$190,000 by share placement for short term working capital.

Security Biometric Technology

Nemex Resources Limited (NXR) is pleased to advise it has exercised its option and invested \$625,000 to acquire a further 10% interest in WBT, an emerging security biometric technology company. NXR now holds a 30% interest in WBT, and has the right to increase this to a 51% interest. Further details of WBT's technology and the terms of NXR's investment agreement are set out in the news release dated 1 April 2014.

WBT has developed and patented a biometric technology for reliable and secure authentication of a person's identity. This technology, which is based on capturing light reflected from the tear film on the corneal surface of the eye, has demonstrated industry leading biometric capability when applied via a desk top device. WBT's competitive advantages in the biometric sector include its high fidelity (reliability and accuracy), universal application, fraud resistance and its One-Time-Pin capability.

WBT recently completed the first phase of its technology development program, on time and on budget. This involved WBT successfully miniaturising and adapting its technology to a mobile platform (see Figures 1 and 2 below).



The next phase of the development program, which is planned to take 6 months to complete, will focus on improving the design and performance of the prototype unit, including completing a series of performance reviews of the prototype unit using test groups. WBT will produce four prototype units for parallel testing.

Online fraud is estimated to be costing international banking institutions billions of dollars each year. Identity theft is the fastest growing crime in the USA. Access to security areas and high value equipment is of critical importance in the defence sector. These facts demonstrate the potential markets for WBT's technology are very significant.

In the second half of the next development phase, WBT will also commence commercialisation discussions with participants in the financial services and military / defence sectors. This will involve demonstration of the miniaturised prototype in Australia and North America to leading mobile device manufacturers, banks and defence industry groups-

The current prototype is considered appropriate for application in the defence and certain other markets, subject to completion of performance testing. WBT will seek multi-national companies and Government bodies in the defence sector for licencing agreements. The strategy for commercialisation in the mobile banking sector is to secure a development partner (such as a mobile device manufacturer) for incorporation of the technology directly into a mobile device (software only solution), or as a further miniaturised attachment similar in size to a bank security token.



Figure 1 – Miniaturised prototype unit
(55mm diameter, 20mm tall, 87 grams weight)



Figure 2 – Prototype unit, attached to and integrated with optics and processing of Surface Pro Tablet



Share Placement

NXR proposes to issue 9.5 million shares at an issue price of 2 cents per share, together with 9.5 million attaching options (exercisable at 5 cents on or before 31 December 2015) to raise \$190,000. The monies will provide funding for NXR's ongoing working capital requirements. The capital raising will be managed by Cicero Advisory Services Pty Ltd.

Detailed information about Nemex's projects is available at www.nemexres.com.au

For further information 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 30% 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. The technology authenticates a person's identity based on the pattern of light reflected back from the tear film on the corneal surface of 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 a number of highly prospective resources projects, including the Télimélé DSO Iron project in Guinea, early stage gold exploration prospects in Côte d'Ivoire and the Woodley Iron project in Western Australia.