

# ASX Release

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## STRATEGIC COLLABORATION WITH KEYSIGHT TECHNOLOGIES

### Highlights:

- *Memorandum of Understanding signed with Keysight Technologies Malaysia Sdn Bhd ("Keysight"), a wholly owned subsidiary of Keysight Technologies, Inc. (NYSE:KEYS) to develop a personalized vector network analysis solution for medical imaging in the healthcare sector.*
- *Keysight Technologies, Inc. is a US-based technology company that delivers breakthrough solutions and trusted insight in electronic design, test, manufacturing and optimization.*
- *Vector Network Analysers (VNAs) are a critical component in EMvision's brain and torso scanning devices with each currently using standard Keysight VNA units.*
- *Both companies will work together to develop a personalized healthcare-focused vector network analysis solution to be used in EMvision's brain scanner system, with the goal of enabling more efficient point of care, particularly in emergency situations where both form factor limitations and rapid diagnosis can make critical differences.*

**EMvision Medical Devices Limited (ASX: EMV)** ("EMvision" or the "Company") has today signed a non-binding Memorandum of Understanding ("MOU"), with Keysight Technologies Malaysia Sdn Bhd ("Keysight"), to collaborate on a new generation of personalized, highly integrated, and high-performance vector network analysis solution for the healthcare sector.

Keysight Technologies, Inc. is a world-leading technology company that develops breakthrough electronics measurement equipment and software solutions, with microwave imaging and sensing operators using Keysight's vector network analyser solutions globally. Keysight customers span the worldwide communications ecosystem, aerospace and defence, automotive, energy, semiconductor and healthcare end markets.

Vector Network Analysers (VNAs) allow for the accurate measurement of signals transmitted and received by electromagnetic microwave imaging systems like that used in EMvision's brain and liver scanners. Currently, EMvision utilises standard VNAs that are used across multiple industries outside of healthcare.

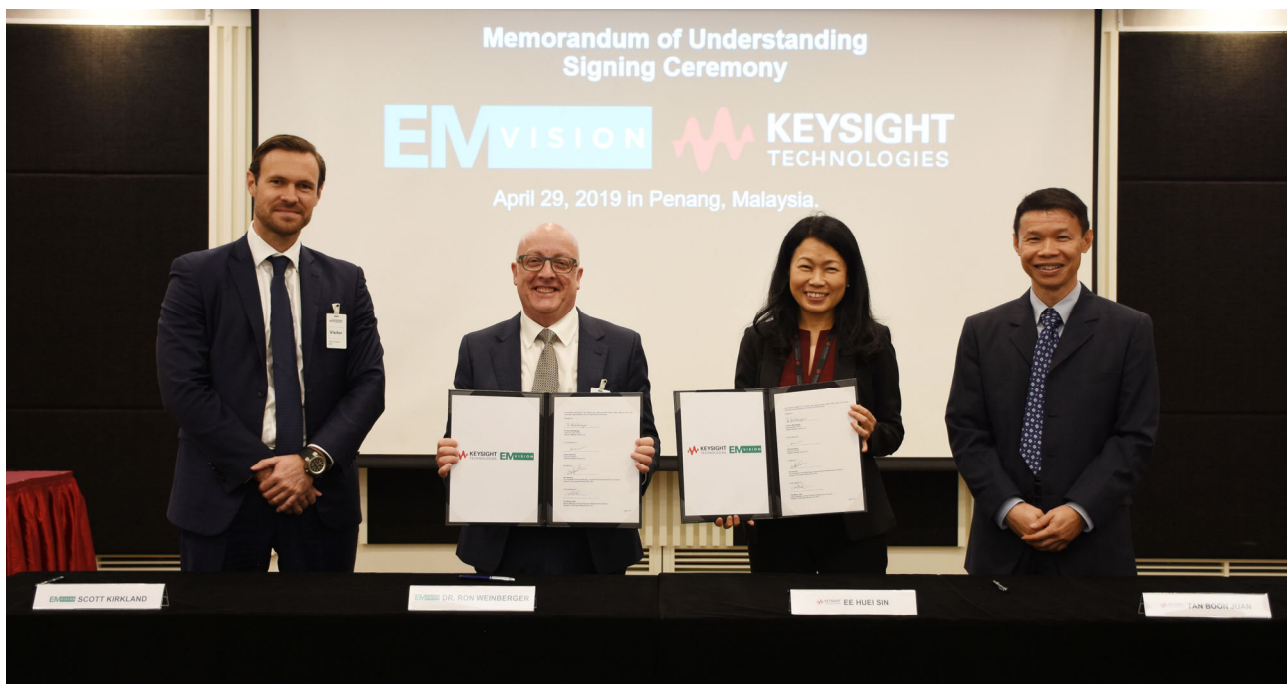
Under the terms of the MOU, both companies will collaborate to develop a next generation healthcare focused vector network analysis solution. This development will leverage Keysight's measurement technology experience in microwave sensing and imaging ("MSI") applications. Keysight shares a strategic focus on both the healthcare sector and microwave imaging modalities. This collaboration allows EMvision to focus on developing its microwave imaging technology and algorithms where its strength lies, while Keysight, as a global company with decades of experience in signalling and microwave measurement, focuses on engineering the new healthcare vector network analysis solution.

It is anticipated that this strategic collaboration will also concentrate on engineering VNA units into a highly integrated form factor with the intention of reducing the overall size of EMvision's brain scanner system while ensuring it meets the key end user requirements. Reducing the system size may also offer greater compatibility with ambulances, helicopters and other first responder applications which face space and weight limitations.

"We are excited to commence our close collaboration with Keysight," said Dr Ron Weinberger, CEO of EMvision. "Keysight's leading VNA solutions and deep technical experience will help us accelerate the commercialisation of our breakthrough point-of-care imaging devices."

"By leveraging our decades of leadership in RF, microwave and millimetre-wave measurement sciences, Keysight is well-positioned to provide continuous test innovations and integrated solutions to ensure our customers are first to market," said Ee Huei Sin, Vice President & General Manager, Keysight's General Electronics Measurement Solutions business segment. "We look forward to collaborating with EMvision to enable and enhance innovative medical imaging solutions."

This collaboration between EMvision and Keysight will bring together Keysight's expertise in measurement and integrated hardware and software solutions with EMvision's breakthrough imaging technology and clinical product development expertise. The MOU is entered into to foster the collaboration of the companies and to define the scope and focus of future agreements. The terms and conditions for any future collaboration, sale, expenditure commitments, or any other activity, will be subject to a separate definitive written agreement.



*EMvision and Keysight signed the agreement during a ceremony located at Keysight's Malaysian Innovation and R&D hub*

*From (left) Scott Kirkland - Executive Director EMvision | Dr Ron Weinberger - CEO EMvision | Ee Huei Sin - Vice President & General Manager, General Electronics Measurement Solutions, Keysight Technologies | Tan Boon Juan - General Manager, General Electronics Measurement Solutions, Keysight Technologies*

## **INVESTOR CONFERENCE CALL:**

EMvision's CEO Dr. Ron Weinberger will host a conference call to discuss the Keysight collaboration.

Please note that all questions can be submitted to [contact@emvision.com.au](mailto:contact@emvision.com.au) and will be addressed throughout the call or specifically at the end of the call if required.

**Conference call details:**

Date: Wednesday 1<sup>st</sup> May 2019

Time: 12pm Sydney time (AEST) - participants are requested to dial in 5 minutes prior to the start time

Conference ID: **1746549**

**Dial-in details:**

Domestic participants can dial either of the numbers below to join the call.

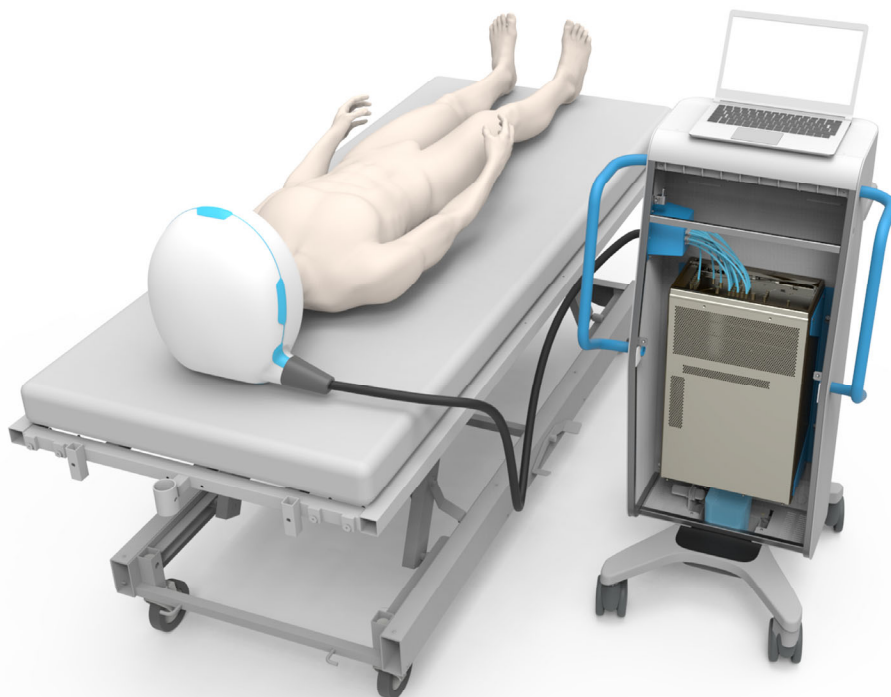
Toll free: 1800 123 296 or Toll: +61 2 8038 5221

International toll-free numbers are listed below. For countries not listed below, the Australian Toll number can be dialled.

Canada: 1855 5616 766	New Zealand: 0800 452 782
China: 4001 203 085	Singapore: 800 616 2288
Hong Kong: 800 908 865	United Kingdom: 0808 234 0757
India: 1800 2666 836	United States: 1855 293 1544
Japan: 0120 994 669	

**Archived call:**

An archived copy of the call will be available shortly after the conclusion of the call via <http://www.openbriefing.com/CompanyProfile.aspx/690157>



The above is a concept image of the brain scanner device, with existing standard VNA, currently in development.

[ENDS]

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### **About EMvision Medical Devices**

EMvision Medical Devices Limited is focused on the development and commercialisation of medical imaging technology. The Company is developing and seeking to commercialise a potentially cost effective, portable, medical imaging device using electromagnetic microwave imaging for diagnosis and monitoring of stroke and other medical applications. The technology is the result of over 10 years of development by researchers at the University of Queensland. The team of over 30 researchers is led by co-inventors Professor Amin Abbosh, who is considered a global leader in electromagnetic microwave imaging, along with Professor Stuart Crozier, who created technology central to most MRI machines manufactured since 1997. EMvision's CEO, Dr Ron Weinberger, is the Former Executive Director and CEO of Nanosonics' (ASX:NAN), a \$1 billion market cap healthcare company. Dr Weinberger has over 25-years' experience developing and commercialising medical devices. During his time at Nanosonics, Dr Weinberger co-developed the company's platform technology and launched their breakthrough product 'Trophon' globally, which would go on to become the gold standard for infection prevention.