

11 May 2017

## ASX ANNOUNCEMENT

### Investment in DeepRadiology Inc.

Senetas Corporation Ltd ("Senetas") (ASX: SEN) announced that it has acquired an interest in DeepRadiology Inc. DeepRadiology is a medical machine learning and artificial intelligence company that has developed the first autonomous radiology scan interpretation and reporting system.

The technology will revolutionise the medical radiology industry by significantly reducing the error rate, cost and time to interpret medical images. The first iteration of the technology is awaiting US FDA approval.

Based in Irvine California USA, DeepRadiology is founded by Drs Kim Nguyen and Robert Lufkin. Both Kim and Robert are internationally recognised radiology experts with extensive experience in developing multi million dollar FDA approved medical devices for global technology companies.

DeepRadiology has assembled a world leading team of machine learning and artificial intelligence experts including:

- Yann LeCun, PhD AI Wizard Artificial Intelligence Director, Facebook and Professor of Computer Science New York University.
- Andrea Vedaldi PhD Associate Professor of Computer Science, Oxford University.
- Stefano Soatto, PhD Professor of Computer Science Director UCLA Vision Laboratory.
- Zhouwen Tu, PhD Associate Professor of Computer Science UC San Diego.
- Jameson Merkow, PhD Chief Technology Officer DeepRadiology.

Machine learning and artificial intelligence will revolutionise the way the world thinks and operates. It will affect all aspects of life including how cyber security solutions develop. Even today Artificial Intelligence is used to defend and attack cyber infrastructure as well as increasing the attack surface that hackers can target.

Senetas CEO Andrew Wilson said "Senetas needs access to the world's greatest minds in computing science and especially deep learning if it is going to remain a global leader in cyber security solutions. This investment not only gives us access to these people but it is structured to allow joint technology collaboration between Senetas and DeepRadiology on researching and developing machine learning based solutions for analysing and protecting network data in transit"

Senetas has invested US\$1,000,000 in DeepRadiology and Senetas Chairman Francis Galbally has joined the board of DeepRadiology.

Dr Kim Nguyen welcomed the Senetas investment. "We have been talking to Senetas for some months and decided that they were the right fit for us as a lead investor. Cybersecurity is always amongst the top of our concern. We are excited about the possibility of using our technology and machine learning in further improving cyber security in healthcare and in the related area of detecting network vulnerabilities and possible cyber intrusions."  
END



SENETAS CORPORATION LIMITED

312 Kings Way, South Melbourne, VIC, 3205, Australia

T +61 (03) 9868 4555 F +61 (03) 9821 4899 E [info@senetas.com](mailto:info@senetas.com)

[www.senetas.com](http://www.senetas.com)



For further information please contact:

Chris Knorr  
Market Eye  
M: +61 417 033 623  
E: [chris.knorr@marketeye.com.au](mailto:chris.knorr@marketeye.com.au)

## **ABOUT SENETAS CORPORATION LIMITED**

Senetas, an Australian public listed company (ASX:SEN), is a leading developer and manufacturer of certified high-assurance encryption hardware; dedicated to protecting network transmitted data without compromising application and network performance.

Senetas encryptors are multi-certified, secure and tamper-proof devices dedicated to providing 'high-assurance' encryption security. All Senetas encryptors use zero-touch Encryption Key Management and deliver authenticated network encryption using standards based algorithms. They are a first choice of governments, commercial and industrial enterprises, defence forces, Cloud, data centre and other communications service providers requiring maximum data protection.

Although the serious risks to network data were underestimated until revelations of catastrophic security breaches among major commercial and government organisations; Senetas encryptors have protected much of the world's most sensitive information for nearly 20 years.

With their leading security and network performance characteristics, Senetas encryptors are trusted to protect network-transmitted data in more than 30 countries. They protect modest 10Mbps bandwidth speed requirements through to ultra-fast 100Gbps 'mega data' requirements.

Certified by leading independent testing authorities Schemes - Common Criteria, FIPS and NATO - Senetas customers are provided the assurance that all its encryptors are certified as "suitable for government and defence use".

Compatible with all Layer 2 Metro Area and Carrier Ethernet networks, Senetas encryptors support all Layer 2 protocols and topologies and are 100% interoperable. They deliver low total cost of ownership and excellent return on investment.

Senetas encryptors protect government information; commercially sensitive intellectual property and business secrets; citizen identity and privacy; defence and military information; Big Data; business information and banking transactions; Cloud and data centre traffic; CCTV networks; and critical industrial and infrastructure control systems.

Customers include global market leading enterprises and Cloud service providers; government and national security organisations with highly sensitive information, such as the US defence forces; national utilities; banks and global financial transactions providers.

Senetas encryptors are distributed and supported by Gemalto, the world's largest data security company, under its SafeNet encryption brand.

[www.senetas.com](http://www.senetas.com)

For further information please contact:

Investor Relations Phone: 1300 787 795

Email: [investor@senetas.com](mailto:investor@senetas.com)