

# VI DIMENSIONS

## Press Release

### **Vi Dimensions' led consortium awarded IMDA-MHA 'Innovative Solutions for Security Sector 2018'**

**Singapore, 3rd October 2018** – Vi Dimensions (ViD), one of Singapore's leading Artificial Intelligence (AI) companies in security and surveillance, is pleased to announce that its consortium, comprising ViD, CapitaLand and Gold Ridge Pte Ltd, has been awarded the IMDA-MHA 'Innovative Solutions for Security Sector 2018' to develop cutting-edge AI technology for the security sector in Singapore.

The proposed solution aims to proliferate the adoption of AI technology for automated CCTV surveillance monitoring to reduce the current high reliance and dependence on security guards.

The two consortium partners CapitaLand and Gold Ridge will provide up to 7 retail malls for testing the system, as well as develop a go-to-market strategy together after successful trials.

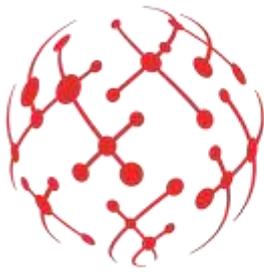
"Though we have cameras covering many locations, not every single camera has video analytical functions in them. With a more comprehensive backend video analytical functions integrated with our CCTV system, we can further enhance our current security system by improving the automated surveillance, therefore, increasing the efficiency and productivity of our security guards when they perform patrolling and CCTV monitoring," said Jason Loy, Head Operations (Singapore), CapitaLand Retail.

In this project, ViD will enhance their current product ARVAS, which uses AI for abnormality detection, and adapt it to different customers' deployment environment and system infrastructures.

"ARVAS was originally designed for centralized command centres monitoring thousands of cameras. However, in many organizations, these cameras are decentralized and distributed. And there are usually only one to two hundred in a Fire Command Centre (FCC). We have to adapt ARVAS' architecture for a more decentralized deployment." explains Raymond Looi, Co-founder/CEO of ViD.

Besides system architecture enhancements, ViD will also be developing new deep learning inference engines to extend current ARVAS' anomaly detection capabilities.

"Through this project, we hope to optimize the limited security manpower resources by augmenting surveillance monitoring using AI. Security officers will no longer need to be tasked to sit in front of CCTV screens for long hour shifts. Some menial tasks are better done by machines than a human. In this way, security jobs can get transformed to be of a higher value and quality," says Raymond Looi.



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## **About Vi Dimensions**

Vi Dimensions is an IMDA-accredited company. It was founded in 2015 with the simple idea that video analytics can be done in a much better and efficient way with the goal to revolutionize safe city surveillance harnessing thousands of cameras.

Vi Dimension's vision and mission are to revolutionize the surveillance industry in terms of providing a better way of monitoring CCTV cameras to detect abnormal events and behaviours which could lead to improvements in safety and security throughout the world.

For more information, please visit [www.vidimensions.com](http://www.vidimensions.com)

## **Media Relations**

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