

RNS Reach

Seeing Machines leads pilot training collaboration

Canberra, 9 August 2018: Seeing Machines and Emirates airline have, together with Qantas Airways and FedEx Express, arranged and completed a workshop aimed at improving the training of pilots in the aviation industry. As part of their continued work towards increasing safety in their operations and the global aviation industry, the three airlines have independently recognised the need to make use of current eye-tracking technology and simulator data to enhance current methods of pilot training.

The two-day workshop was hosted by Emirates in Dubai, and facilitated by Seeing Machines. The event included experts and senior managers from the involved parties. Together they drew on their collective experience to develop ways forward for using eye-tracking for deeper understanding of pilot performance in relation to flight training trends as well as to address current issues and gaps. In this, the main industry challenge of understanding scanning and monitoring, stands out as a challenge that can only be met with access to data on where pilots direct their attention in normal operations and non-normal situations.

All the three airlines at the workshop have been working with Seeing Machines in recent years to explore the use and benefits of eye-tracking technology. As a result, the workshop closely examined how an eye-tracking product for pilot training would specifically support and optimise flight training through all phases of training, including use in both part task trainers and full flight simulators.

Patrick Nolan, GM of Aviation at Seeing Machines commented:

"Having key industry leaders attend this workshop clearly demonstrates the strong support and commitment within Aviation to adopt technology that will enhance safety and support critical training requirements in their organisations and across the sector.

"It was a great experience to work with senior Aviation specialists from different carriers and operators who shared real and current issues that will feed into the product we are developing to support the industry's needs."

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About Seeing Machines

Seeing Machines (LSE: SEE), a global company headquartered in Australia, is an industry leader in computer vision technologies which enable machines to see, understand and assist people. The Company's machine learning vision platform has the know-how to deliver real-time understanding of drivers through Artificial Intelligence (AI) analysis of heads, faces and eyes. This insight enables Driver Monitoring Systems (DMS), which monitor driver/operator attention and can identify drowsiness and distraction across multiple transport sectors.



Seeing Machines develops DMS for the Automotive, Commercial Fleet, Aviation, Rail and Off-Road markets. The Company has offices in Australia, USA, Europe and Asia, and delivers multi-platform solutions ranging from embedded software and processors to aftermarket system and service solutions to industry leaders in each vertical.

DMS is now considered a core safety technology for the Automotive industry, particularly with the development of semi-autonomous and self-driving cars. DMS is also increasingly seen to be an integral safety feature across the Commercial Transport & Logistics industry globally.

www.seeingmachines.com.