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SenSen AI Technology to Kick-start Australian Autonomous Vehicles Push

HIGHLIGHTS

- *SenSen signs MoU with ACE Electric Vehicles Group to develop SenSen's AI and sensor analytics solutions in ACE electric vehicles for autonomous driving technology*
- *SenSen to progress its deep R&D program into autonomous driving technology for commercial adoption*

Leading Smart Cities solutions provider SenSen Networks Limited (ASX: SNS, "SenSen" or "the Company") is pleased to advise that it has signed a Memorandum of Understanding with Australian company ACE Electric Vehicles Group ("ACE") to collaborate on developing autonomous driving capabilities to ACE electric vehicles to be manufactured in Australia by ACE. There are no conditions that need to be satisfied for the parties to become bound by the terms of the Memorandum of Understanding.

SenSen is a world leader in multi-camera, multi-sensor data fusion technology delivering highly accurate, enforcement-grade solutions to make cities smarter worldwide. Using the SenDISA (SenSen's Distributed and Intelligent Sensor Analytics) platform, SenSen has delivered robust and scalable law enforcement solutions, including speed enforcement, city-by-laws enforcement and parking enforcement, to global law enforcement and government agencies. The core capabilities of SenDISA allow fusion of data from cameras and sensors to detect vehicles, people and objects, track and classify them, determine their speed and location and ascertain various attributes necessary to save lives and improve citizens' wellbeing.

Through this collaboration with ACE, SenSen will customise its SenDISA platform for deliver autonomous driving capabilities to ACE electric vehicles. SenSen's proven track record and prior experience in solving complex problems of object detection, tracking and data fusion for Smart City applications will provide significant advantages to accelerate progress in this endeavour. This Memorandum of Understanding is significant to SenSen as it represents the Company's launch into building solutions in the rapidly growing field of autonomous vehicles.

ACE (ace-ev.com.au) will provide a prototype electric vehicle, its ACE Cargo commercial van, for the purpose of testing the installation, use, compatibility and performance of automated driving technology under development at SenSen. The ACE Cargo is Australian made at Aldom Motor Body Builders in South Australia and has a drive range on one charge of 150–200km at partial load. With a regulated maximum speed of 85km/h and maximum pay load of 500kg, and a resultant lowering of running costs by up to 85% and greenhouse emissions by up to 70%, the ACE Cargo is perfect for small cargo fleets in urban environments.

* Australian governments are working together to make sure automated vehicles can be legally and safely used when available for purchase in Australia. As outlined by the Australian Government's Department of Infrastructure, Transport, Regional Development and Communications: *"Automated road vehicles could deliver benefits such as improved safety, more efficient and productive transport networks, more liveable city environments and better access to transport services for those unable to drive. Other technologies such as sharing data between vehicles and smart infrastructure will complement automation."*

The spotlight will be turned on electric vehicles at the upcoming World EV Day (www.worldevday.org/) to be held on 9 September 2020, where ACE will be making some key announcements including details of the collaboration between SenSen and ACE.



Advocate for Electric Vehicles – South Australia Senator Rex Patrick (R), with Aldom Motor Body Builders CEO Mark Haig (L) in Wingfield (SA) with an ACE Cargo prototype electric vehicle

Subject to ACE being satisfied with the performance of SenSen's autonomous driving technology and ACE wishing to offer the technology as an addition to ACE's vehicle, the parties will negotiate reasonably and in good faith at that time to enter into an agreement for the supply of the technology by SenSen to ACE (**Supply Agreement**). The Memorandum of Understanding will automatically terminate on the earlier of the date of execution of the Supply Agreement or 30 June 2021.

Commenting on the partnership with ACE, SenSen's CEO Subhash Challa said:

"Globally, the shift towards electric vehicles and automated driving is inevitable, and SenSen is positioning itself to be an important part of that evolution. Licensing SenSen AI technology and our SenDISA software for Robotics, Automation and Autonomous Driving is part of the roadmap for SenSen and we are excited to be working with ACE to accelerate our long-term vision to be a major player in the autonomous driving industry. We see this collaboration with ACE Electric Vehicles Group as a significant step forward in fulfilling our commitment to assist governments in creating a safer, more efficient living and working environment for their citizens."

SenSen will shortly take delivery of the ACE Cargo vehicle at its Melbourne office premises to commence the development and testing program.

ACE EV Group's Managing Director, Greg McGarvie, was equally effusive in describing the collaboration with SenSen:

"This is a great opportunity for two clever, innovating Australian companies to demonstrate leadership in the development of a cleaner, more secure, cost-efficient and smart transport system. Not only does the ACE vehicle bring back vehicle manufacturing and energy solutions to Australia, but as a world leader in AI and sensor technology, SenSen will provide its expertise to making our vehicles autonomous – a first for Australia!"

This release is approved by the Board of SenSen.

*<https://www.infrastructure.gov.au/transport/automatedvehicles/>

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About SenSen Networks Limited

SenSen is focused principally on the development, commercialization and supply of innovative, data-driven business process enhancement solutions, designed to assist customers in their business operations and significantly improve business efficiency and productivity.

SenSen provides video analytics and artificial intelligence data analytics software solutions to customers in the intelligent transportation systems and gaming sectors located in Australia, the US, Canada, Singapore, Europe, India, and UAE.

Disclaimer – Forward looking statements

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