

# NTU Partners Desay SV For Automotive Cybersecurity R&D

The partnership will focus on research to make automotive electronics, such as in-vehicle infotainment and advanced driver assistance systems, more cyber secure.



*AsianScientist* (Apr. 10, 2018) – Nanyang Technological University, Singapore (NTU) is partnering automotive electronics developer Desay SV Automotive (Desay SV) to develop innovative solutions for mitigating cybersecurity threats faced by the automotive industry.

With increased connectivity and innovation involved in the development of autonomous vehicles, the risk of cyberattacks also rises. The partnership aims to develop new technologies to make automotive electronics, such as in-vehicle infotainment and advanced driver assistance systems, more cyber secure.

Both parties will also develop novel methods in three areas: secure embedded processing and communication, or the development of additional security measures; vulnerability analysis for cyber hardening, which is the removal of inherent weaknesses in a system that could be exploited; and security testing for autonomous vehicles.

“With the ongoing development of autonomous vehicle technologies on the NTU Smart Campus, we already have a good idea of how it will change our lives in the near future. The growth of autonomous vehicles is set to have a significant impact on the way we travel. But this will also bring new challenges and demands,” said Professor Lam Khin Yong, NTU Vice President (Research).

“That is why this collaboration with Desay SV is very timely, building on NTU’s deep expertise in artificial intelligence, cybersecurity and smart transportation to develop innovative cyber secure capabilities for the automotive industry,” he added.