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## NTU partners automotive developer Desay SV to develop cybersecurity solutions

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

The partnership aims to develop new technologies to make automotive electronics – such as in-vehicle infotainment and advanced driver assistance systems – more secure.

Both parties will develop novel methods in three areas, said a press release on Mar 27. These are in secure embedded processing and communication; 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.



Photo courtesy: NTU

Prof Lam Khin Yong said, “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,” said Professor Lam Khin Yong, NTU Vice

President (Research). "The growth of autonomous vehicles is set to have a significant impact in the way we travel, but this will also bring new challenges and demands. That is why this collaboration with Desay SV is very timely, building on NTU's deep expertise in artificial intelligence (AI), cyber security and smart transportation to develop innovative cyber secure capabilities for the automotive industry."

Mr Tan Choon Lim, Executive Chairman of Desay SV Automotive, said, "Desay SV is focused in ensuring our future by investing in the new and upcoming technologies. We have been, and will continue to spend a significant amount in our R&D. We are aware that we cannot do all by ourselves, and [that is partly] why we are here today, to forge and explore possibilities to cooperate, collaborate and partner with technology players and institutions. And we will have one today, with NTU."