

**DENSO and NRI SecureTechnologies Agree to Establish a Joint
Venture for the Growing Automotive Cybersecurity Market**
**–Company will develop technologies to achieve safe and secure automated
and connected vehicles–**

KARIYA/TOKYO (Japan), September 27, 2018 — [DENSO Corporation](#) today announced it has agreed to establish a joint venture with [NRI SecureTechnologies, Ltd.](#) to detect and diagnose the security risks of in-vehicle electronic products. The new cybersecurity company, named NDIAS, Ltd. is equally owned by DENSO and NRI and will be officially established in December 2018.

NDIAS will harness DENSO's expertise in in-vehicle quality and cybersecurity technology development and NRI's proprietary machine learning technology to protect consumers against the rising threat of cyber attacks in the automotive industry. NRI has nearly 20 years of experience in security services in the fields of financial systems, infrastructure, and consumer equipment. The partnership will offer integrated security diagnosis and consulting services for in-vehicle electronic products from the vehicle development phase to the actions required after mass production.

Automated driving and connected vehicles will soon become commonplace and, as a result, various shared technologies and services will be linked within vehicles. Because of this, international standards for automotive cybersecurity requirements must be established due to imminent threats such as hacking.

In Japan, for example, to introduce automated driving by the end of FY2020, a review has been conducted to require automakers to implement cybersecurity measures and to enact relevant laws. Starting with development to well after mass production, security diagnosis and analysis must be conducted throughout the vehicle's life cycle.

New threats in cybersecurity continue to evolve and require assessment and diagnosis by a dedicated and trained third party who understands the minds of the attackers. DENSO's and NRI's new joint venture will underpin the rapidly evolving digitalized automotive industry with its groundbreaking cybersecurity technologies to help achieve a safe and secure future of seamless mobility.

Reference

■ Profile of NDIAS

(1) Company name	NDIAS, Ltd.
(2) Business field	Automotive security
(3) Establishment	December 3, 2018
(4) Head office	Tokyo (planned)
(5) Representative	President Yukinori Hashimoto
(6) Capital	100 million yen

■ Profile of DENSO

(1) Company name	DENSO Corporation
(2) Business field	Automotive products, lifestyle-related products, industrial equipment, etc.
(3) Establishment	December 16, 1949
(4) Head office	1-1 Showa-cho, Kariya, Aichi, Japan
(5) Representative	President & CEO Koji Arima
(6) Capital	187.4 billion yen
(7) Employees	168,813 (as of March 31, 2018 on a consolidated basis)

■ Profile of NRI

(1) Company name	NRI SecureTechnologies, Ltd.
(2) Business field	Information security
(3) Establishment	August 1, 2000
(4) Head office	Tokyo Sankei Bldg. 1-7-2 Otemachi, Chiyoda-ku, Tokyo, Japan
(5) Representative	President Jun Odashima
(6) Capital	450 million yen
(7) Employees	440 (as of July 1, 2018 on a consolidated basis)

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About DENSO Corporation

DENSO Corp., headquartered in Kariya, Aichi prefecture, Japan has approximately 220 subsidiaries in 35 countries and regions (including Japan) and employs approximately 170,000 people worldwide. Consolidated global sales for the fiscal year ending March 31, 2018, totaled US\$48.1 billion. Last fiscal year, DENSO spent 8.8 percent of its global consolidated sales on research and development. DENSO common stock is traded on the Tokyo and Nagoya stock exchanges. For more information, go to www.denso.com, or visit our media website at www.denso.com/global/en/news/media-center/

About NRI

NRI SecureTechnologies is a subsidiary of Nomura Research Institute (NRI) specializing in cybersecurity, and a leading global provider of next-generation managed security services and security consulting. Established in 2000, NRI Secure is focused on delivering high-value security outcomes for our clients with the precision and efficiency that define Japanese quality. For more details, visit us at <https://www.nri-secure.com>.

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