# Cybersecurity

Utilization of IDS for the realization of cyber-safe automated driving

J-Auto-ISAC / TOYOTA Motor Corp. Shigeru Uehara

◆ IDS stands for Intrusion Detection System which detects cyber attacks into systems.
   Its importance and effectiveness were confirmed
   at this workshop last year.

◆ Widespread in IT infrastructure area, but not in vehicles.
   Installation for In-Vehicle system will be expanding soon.

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about IDS

◆ There are 2types : NIDS（Network IDS）and HIDS（Host IDS）

◆ There are several detecting methods : Signature base, Specification base, Anomaly base, etc.
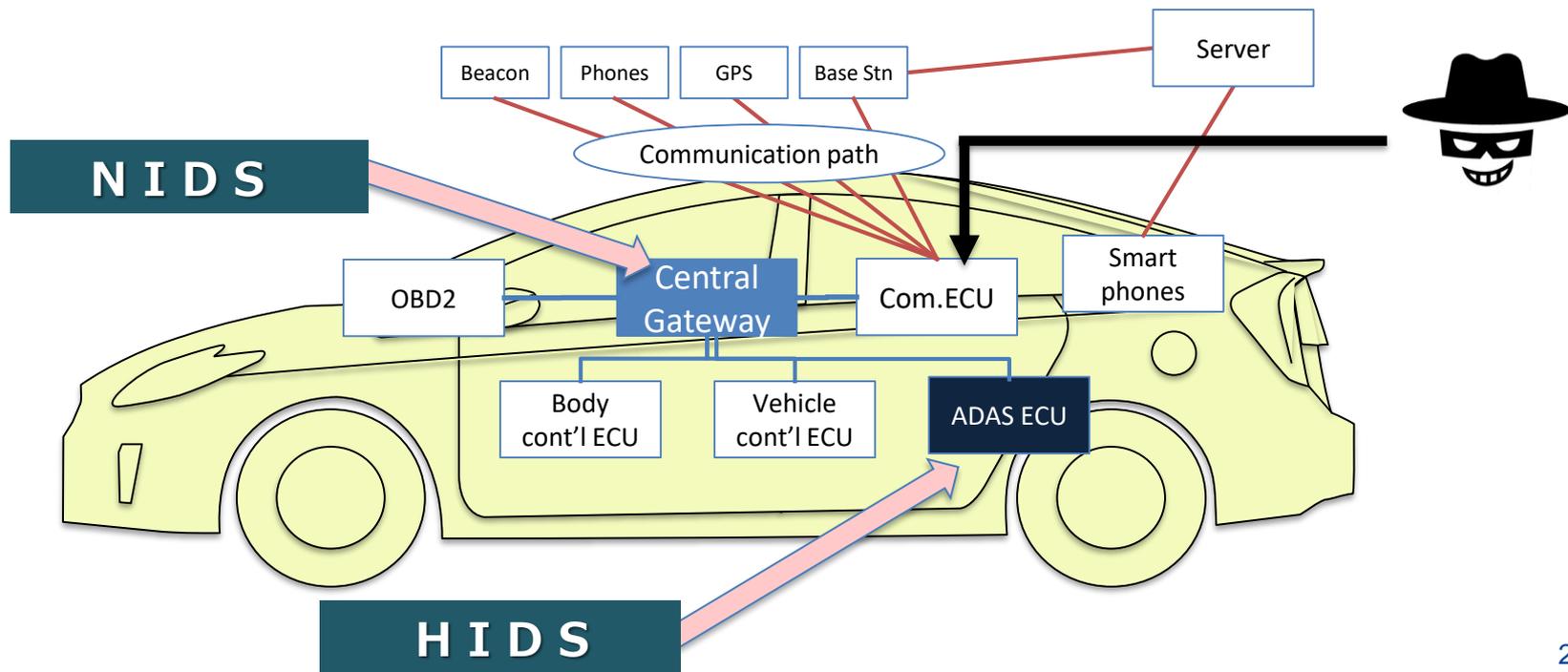
◆ UN regulation UNR155, which is under consideration now at UNECE WP29, will require to detect and respond to cyber attacks. Then, each OEM must explain in detail how to comply with this regulations.

◆ The important point is not only the detection but how to link it to the initial action of each OEM.

◆IDS can be said to be the starting point for security countermeasures after shipment for each OEM.

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Speakers

◆ Mr. Nishant Khadria

     Director, Risk Advisory, Deloitte Germany

◆ Mr. Shinichi Kan

     Associate, PwC Consulting

◆ Mr. Shigeyuki Kawana

     Leader of Electrical Safety sub-committee, JAMA

◆ Dr. Frank Kargl

     Professor, Ulm University, Germany

◆ Dr. Tsutomu Matsumoto

     Professor, Yokohama National University

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