Safety Initiatives

Communication (Telecommunication Networks)

Honda's Approach

In 1998, Honda started to offer "Internavi," a car navigation system equipped with communication functions that provides information on traffic congestion through the use of driving data gathered from Honda vehicles. In addition to the usefulness mentioned above, Honda started to offer weather information in 2004 and disaster information in 2007. By utilizing the telematics service that integrated communication and information, the Company has started to provide drivers with information that will help them drive more safely and more comfortably.

One form of progress from these initiatives is the "Safety Map" in Japan. Emergency braking applied by cars, information on traffic accidents provided by the police and local governments, traffic information provided by local residents and other relevant information is integrated and analyzed to generate maps, which tell people including residents and drivers in advance about places on the road that require special caution. Honda is pleased to note that many people are utilizing the maps.

In addition, Honda is currently focusing on building a system that will provide information on traffic conditions in surrounding areas and traffic accident risks on a real-time basis by integrating the "Honda Sensing/AcuraWatch" technologies with the telematics service, and, using wireless communication such as Wi-Fi, connecting with both other vehicles equipped with sensors or GPS, as well as people in surrounding areas who are carrying smartphones. Honda is striving to realize "a collision-free mobile society" where everyone sharing the road can safely and confidently enjoy the freedom of mobility.

T O P I C S

Launching Joint Research with SoftBank on Connected Car Technologies*1 Using 5G*2

Honda R&D Co., Ltd. has started discussing a joint research project with SoftBank Corp. with a view to the future adoption of 5G. The project aims to strengthen connected car technologies, which will offer new experiences and value by connecting mobility products, primarily cars and various other things. In FY2019, SoftBank plans to set up experimental 5G base stations on the Takasu Proving Ground, a closed test course owned by Honda R&D in Kamikawa-gun, Hokkaido. Under this 5G environment, the two companies will launch full-fledged joint research into technologies to enable a stable handover of base stations during high-speed driving and to secure data sending and receiving capabilities in weak-signal or out-of-range areas.

*1 Internet-connectivity and vehicle-to-vehicle (V2V) communication technologies
*2 Fifth-generation mobile communication system

safety