

Eager to leave scandal, Nissan shows off smooth-driving tech

October 24 2019, by Yuri Kageyama



In this Oct. 18, 2019, photo, Nissan's electric vehicle with new "all-wheel-control" technology is ready for a demonstration to reporters at its Oppama test driving course in Yokosuka, near Tokyo. The electric car with smooth four-wheel drive and a virtual friend for the coming age of automated driving are among the technology in development from Nissan. The Japanese automaker is eager to put the scandal over its former star executive Carlos Ghosn behind it. Nissan's newly developed "all-wheel-control" technology delivers a sense of greater control and safety. (AP Photo/Yuri Kageyama)

An electric car with smooth four-wheel drive and a virtual friend for the coming age of automated driving are among the technology in development from Nissan.

The Japanese automaker, eager to leave behind the scandal over its former star executive Carlos Ghosn, recently invited reporters to see several of its test models.

Ghosn, who led Nissan for two decades, was arrested last year and now awaits trial in Tokyo on financial misconduct charges.

The newly developed "all-wheel-control" technology of Nissan's electric [vehicle](#) delivers a sense of greater control, driver confidence and real safety, according to Nissan, which demonstrated how the model zipped sharply on turns and skidded less on wet surfaces, showing super-quick responses.

It also minimizes shaking in stop-and-go situations because it more smoothly balances the force usually accompanying such moves to those riding in the vehicle. The electric four-wheel drive also promises more exhilarating driving.

Other technology that Nissan officials showed was for what it called a "safety shield" concept of 360-degree monitoring by a vehicle, to intervene when drivers make mistakes, such as accelerating when they should be braking.



In this Oct. 18, 2019, photo, people wearing various gadgetry remote control the virtual figures that appear in a car as Nissan demonstrated such technology that is working on at its Oppama test driving course in Yokosuka, near Tokyo. The electric car with smooth four-wheel drive and a virtual friend for the coming age of automated driving are among the technology in development from Nissan. The Japanese automaker is eager to put the scandal over its former star executive Carlos Ghosn behind it. Nissan's newly developed "all-wheel-control" technology delivers a sense of greater control and safety. (AP Photo/Yuri Kageyama)

Nissan said the technology can help attain its goal of zero fatalities in its vehicles.

The demonstrations were timed for the opening of the Tokyo Motor Show this week.

Other companies have developed similar technologies that allow cars to drive autonomously using sensors, radars, cameras and stored digital maps.

Global traffic safety regulations still restrict or prohibit hands-free driving.

But, preparing for a future when cars might be allowed to drive themselves, Nissan showed virtual companions like holograms of animated characters that pop up in a car to keep drivers company.

A headset has to be worn to see the characters, who were controlled remotely by people wearing headsets and other gadgetry.

"One big goal of this kind of service is to appeal to people who are moving away from cars," said Tetsuro Ueda, an expert at Nissan's mobility service section.



In this Oct. 18, 2019, photo, Nissan shows how a virtual companion has popped up inside a car to the view of a person at its Oppama test driving course in Yokosuka, near Tokyo. An electric car with smooth four-wheel drive and a virtual friend for the coming age of automated driving are among the technology in development from Nissan. The Japanese automaker is eager to put the scandal over its former star executive Carlos Ghosn behind it. Nissan's newly developed "all-wheel-control" technology delivers a sense of greater control and safety. (AP Photo/Yuri Kageyama)

It's all part of an effort to win back the many Japanese consumers who no longer see cars as status symbols or fun and prefer to spend their money on smartphones and video games. Although many living in the countryside need cars to get around, unlike in the U.S., major Japanese cities provide ample public transportation.

© 2019 The Associated Press. All rights reserved.

Citation: Eager to leave scandal, Nissan shows off smooth-driving tech (2019, October 24) retrieved 16 January 2026 from <https://techxplore.com/news/2019-10-eager-scandal-nissan-smooth-driving-tech.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.