

DENSO

THE DOCTOR IS IN: MEDICAL MEETS AUTOMOTIVE

Ever feel
STRESSED
when you're driving?

DENSO is working to assess and develop an objective method to **MEASURE driver workload** – the amount of physical and mental tasks a driver is handling at a given time.

We're trying to figure out a way to do a **REAL-TIME check-up** of a driver's physiology – looking into heart rate, eye movement and skin secretion.



The Goal

To develop a Human Machine Interface* (HMI) Manager that can diagnose the driver's physical and mental state, analyze surroundings and manage technology use in the vehicle to safely assist the driver.

We believe our HMI Manager will help realize **autonomous driving** in the future.

* Human Machine Interface is how people interact with technology – like the radio, navigation system, instrument cluster and other technologies.