Next-Generation Honda SENSING

Aim at making it to the end without any interruptions safely and securely with strong cognitive ability even in difficult scenarios, regardless of the weather or time of day

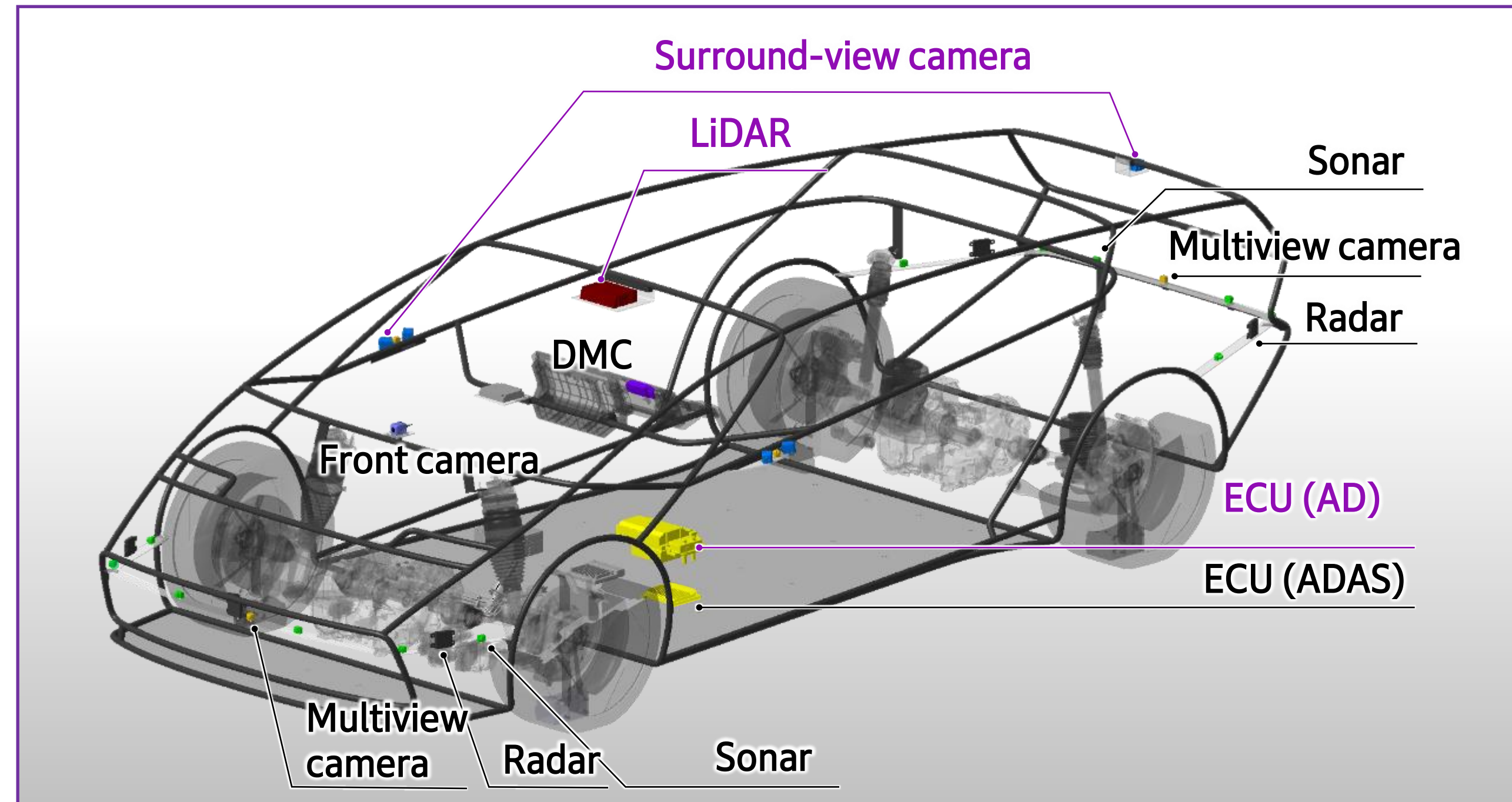## Technology Details

Highly Accurate Detection Sensor

Recognizes risk by detecting a wider range with higher accuracy than humans through a combination of different sensors

Characteristics

Strong against changes in the weather —————— **Combination of LiDAR, radar, and cameras**

Highly accurate, highly reliable long-distance detection —————— **LiDAR**

Strong at night —————— **Surround-view camera (high dynamic range)**

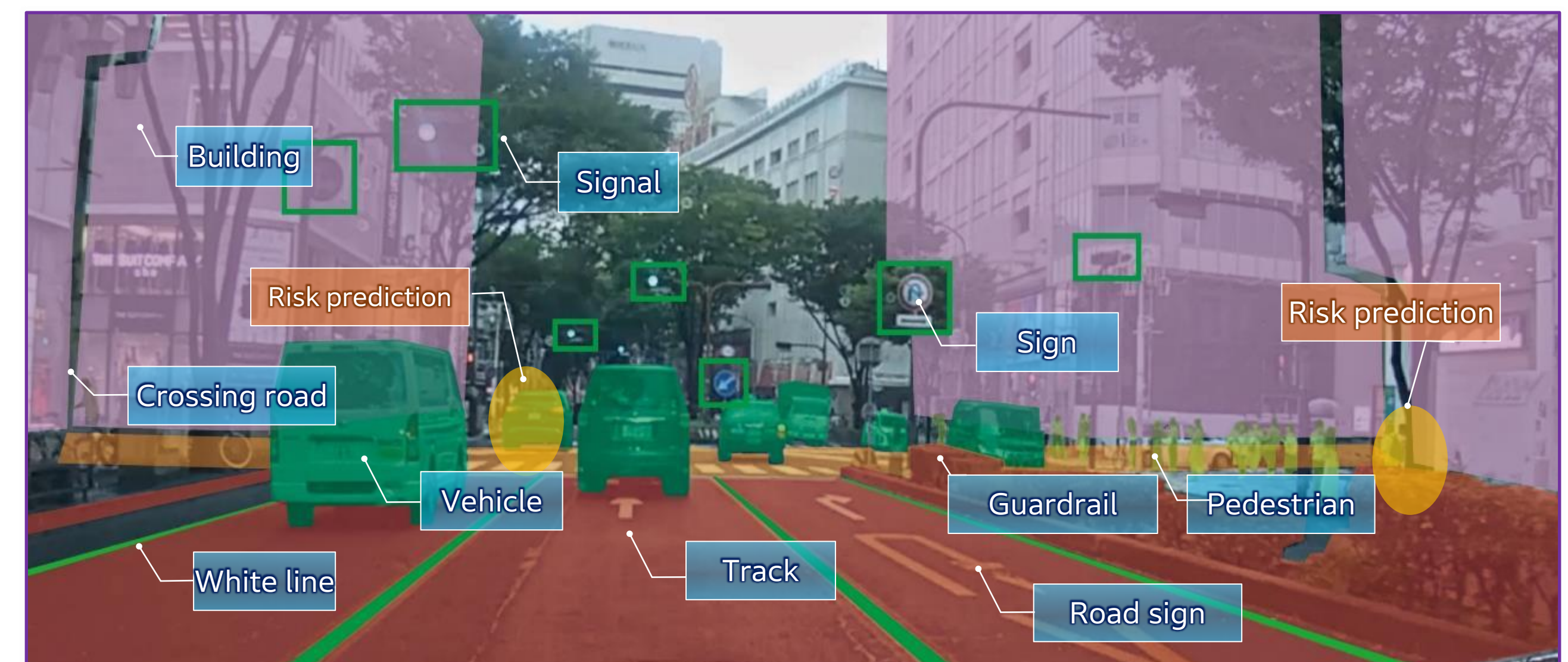Unique AI drive and sensor fusion —————— **High-performance ECU**

Unique AI

Concept learning at a heightened level of abstraction Unsupervised learning

· Expands the provided area in a shorter period of time than ever before
· Recognizes structures with almost all of the patterns in real time Enables eyes-off driving even in environmental changes and on roads being driven on for the first time

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Driver behavior model of experienced drivers

Predicts the behavior of objects like an experienced driver, enabling smooth avoidance.

Risk is recognized through highly accurate detection sensors, aiming for smooth avoidance through Honda's unique AI technology.

HONDA