



## ADAS EVALUATION & VALIDATION STANDARDS

### The New Car Assessment Program (NCAP)

The American Center for Mobility supports ADAS technology testing and most global evaluation and validation standards with onsite experts, various test track environments, a fully integrated Intelligent Transportation System, and variety of custom test equipment. On over 500 acres of real-world road systems, technology teams will find confidentiality, safety and support in validating ADAS technologies.



NCAP is a government vehicle safety program developed to provide information to consumers on the relative crashworthiness of automobiles as well as continually influence manufacturers to build vehicles that consistently achieve high ratings. The top overall rating is five stars and the system was designed to give consumers a quick, simplified single point of comparison between different vehicles. The star scale is based on a “level of protection scale.”

In December 2015, Congress mandated that NHTSA conduct a rulemaking requiring that crash avoidance information be placed on the Monroney label of new vehicles (commonly known as the “window sticker”). At ACM we are helping clients test their crash avoidance technology to ensure consistent, repeatable performance ensuring increased safety on the road.

A wide variety of NCAP safety tests can be performed at ACM, including:

- FCW – Forward Collision Warning
- AEB – Automatic Emergency Braking
- LDW – Lane Departure Warning
- LKA – Lane Keep Assist
- BSD – Blind Spot Detection
- ACC – Adaptive Cruise Control

