

# SAFETY SHIELD

Nissan's concept of "the vehicle that helps protect people."

In the area of safety technology, Nissan pursues innovation as part of its "Safety Shield" concept, an advanced, proactive approach to safety issues based on the idea that cars should help protect people. This approach provides various measures to help the driver and passengers better avoid dangers in ways that are optimized to each of a wide range of circumstances that the vehicle may be in, from "risk has not yet appeared" to "post-crash."

<p><b>Risk has not yet appeared</b></p> <ul style="list-style-type: none"> <li>▪ Distance Control Assist System</li> <li>▪ Intelligent Cruise Control with low-speed following capability</li> <li>▪ Adaptive Front Lighting System (AFS)</li> <li>▪ Xenon Headlamps</li> <li>▪ Around View Monitor</li> </ul>	<p>Helps the driver to maintain comfortable driving</p>
<p><b>Risk has appeared</b></p> <ul style="list-style-type: none"> <li>▪ Lane Departure Warning</li> <li>▪ Lane Departure Prevention</li> <li>▪ 4 Wheel Active Steer</li> </ul>	<p>Helps the driver to recover from dangerous conditions to safe driving</p>
<p><b>Crash may occur</b></p> <ul style="list-style-type: none"> <li>▪ Anti-lock Braking System (ABS)</li> <li>▪ Brake Assist</li> <li>▪ Vehicle Dynamic Control (VDC)</li> </ul>	
<p><b>Crash is unavoidable</b></p> <ul style="list-style-type: none"> <li>▪ Intelligent Brake Assist</li> <li>▪ Front Pre-Crash Seat Belts</li> </ul>	
<p><b>Crash</b></p> <ul style="list-style-type: none"> <li>▪ Zone Body construction</li> <li>▪ SRS Airbag Systems</li> <li>▪ Front-seat Active Head Restraints</li> </ul>	<p>Helps minimize the damage when a collision is unavoidable</p>
<p><b>Post crash</b></p> <ul style="list-style-type: none"> <li>▪ HELPNET (Emergency call service)</li> </ul>	





Recognizing that people are the key actors in the activity of driving, Nissan develops technology with a view toward supporting the driver in control of the car. This means developing systems that provide the driver with appropriate information in a timely fashion and respond to driver inputs according to the driver's intentions. It also means development of vehicle systems that may intervene to help reduce injuries and damage in case a crash becomes unavoidable. Based on this Safety Shield approach, Nissan targets ongoing innovation toward the realization of a safer "automobile society."

