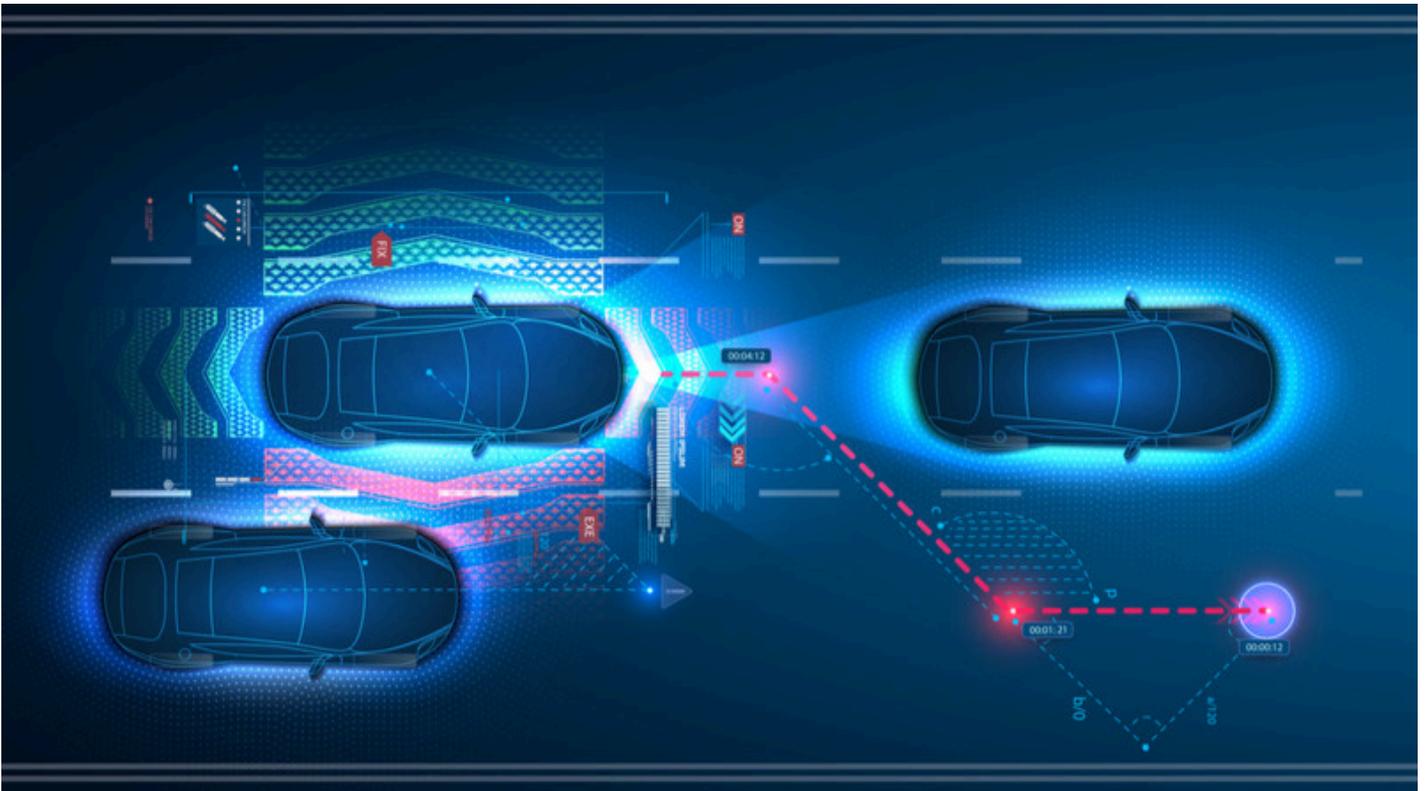




What is Autonomous Driving?



What is autonomous driving? Autonomous means "of their own mind and heart." A self-driving vehicle, also called an autonomous car, driverless vehicle, or remotely piloted vehicle is a motor vehicle that is able to sense its surroundings and operate with little or no physical human intervention. The first autonomous vehicles were manufactured a while ago and were able to use cameras and artificial intelligence to navigate around.

One of the biggest benefits of vehicles with self-drive capabilities is their widespread use in areas of personal and business transportation. Major players in the automobile industry such as Daimler-Chrysler, General Motors, and Mercedes-Benz are all currently researching and manufacturing autonomous vehicles. The automotive industry is also actively researching and investing in new methods for creating self-drive cars. One such method involves the use of traffic congestion management, which uses real time data from a number of sensors on a remote receiver to detect, and prevent, traffic jams by adjusting its brakes, transmission speed, and lane position to minimize traffic congestion. This method has proved extremely successful in several test campaigns.

With the widespread use of [vehicle automation](#), the need for skilled drivers is likely to be eliminated. Currently, most auto insurance companies reward safety features such as

automatic seatbelts and airbags with reduced premiums. However, eliminating the need for human drivers will remove one of the most pressing issues with automated vehicles: insurance costs. The elimination of drivers from the equation would free up the company's resources to concentrate on improving the design, production, and efficiency of its vehicles.

What is the biggest drawback of automated cars? Although driverless cars can travel at greater speeds than and with less fuel than traditional vehicles, they also pose a threat to pedestrians. It remains uncertain how the Highway Safety Administration will react to these vehicles on the roads. Currently, the FHWA is studying the regulations governing autonomous car operations to determine the safest way to grant priority status to motorists who must use the systems in these vehicles.

Will the use of computers in vehicles also bring about a reduction in human involvement in the driving process? Driverless cars will eliminate the need for human intervention in many instances. However, there is still the potential for human error. If a system cannot handle a situation and an accident occurs, it could result in lives lost or extensive damage to vehicles. There are no federal laws currently regulating self-driving cars, so it is possible for an accident to occur even if the car manufacturer has programmed the vehicle to self-drive off the lot.

What is autonomous driving? As mentioned above, fully autonomous vehicles will eliminate the need for drivers, but the concept can be applied to standard vehicles. Standard vehicles would include trucks, cars, buses, taxicabs, and motorcycles. Since these vehicles are driven primarily for transportation purposes, their operating systems may be more limited. However, since these vehicles do not operate in a fixed manner, the risk of a crash is still present.

What is autonomous technology? The term "autonomous technology" refers to a variety of computer systems that are able to drive cars. These include computers, software, and sensors that can monitor the vehicle and prevent a crash, or at the very least, prevent the vehicle from swerving dangerously across the road.

Will full automation of the transportation system exist? It is hard to imagine a completely automated transportation system because of the inherent complexity of the system. Once full automation is achieved, human drivers will no longer need to be in the loop. The transition will be smooth and painless for both the consumer and the trucking company. What is autonomous driving? It is the beginning of a new era of transportation.

Can you still get an [extended car warranty](#) on cars that have the automatic driving, or self assist driving? It depends on the company you buy from, your specific make and model. For

more information, go online and do some research which will provide you with a lot of information.

With technology changing all the time, autonomous cars and driving will be increasingly popular very rapidly. Like everything else in the world, it is exciting to see the changes and how far cars and technology will have come.