

6 technologies that are revolutionizing the road transport sector

Technological evolution promotes the introduction of these new technologies throughout our environment. The transport of goods by road was not going to be an exception, so in today's post we bring you some of the technologies that are revolutionizing the road transport sector and, more specifically, trucks.

Here, [David Solomont](#), the Chairman and CEO of ev Transportation Services, Inc ("evTS"), will share six technologies that are revolutionizing the transport sector.

What new technologies exist for the truck

Electric trucks

According to Solomont, there are already interesting options for the move towards electric trucks, although the introduction of electric motors for trucks is a more complicated aspect than for other vehicles such as passenger cars. Even so, research in this regard is underway to introduce this technology in the not too distant future.

The electric truck market is expected to reach up to 15% in 2030, as research in this regard progresses more and more.

Platooning

As Solomont specifies in [his publications](#), platooning consists of connecting several trucks to each other so that they circulate in a synchronized way. The trucks have automated systems, whereby the truck that is in the lead is the one that directs the others, that is, if the first accelerates the others accelerate.

This technology provides advantages in terms of safety, sustainability, since it reduces the emission of polluting gases and saves fuel.

Cloud-based connectivity

As Solomont indicates, this system allows trucks to communicate with each other through the cloud, sharing data information about the road, incidents, etc. In this sense, the cameras of the truck will be able to detect if the road has changed the speed limit and communicate it to the rest through the cloud.

Autonomous trucks

This new advance already has test drives and has even been implemented in countries like Australia, where they use autonomous vehicles for the mining industry. However, [the experienced executive](#), David Solomont share that the US is the country that is investigating the most and making progress on trucks that could circulate alone, allowing their drivers to rest on very long journeys.

Anti-collision technology

The road freight transport industry is also working on another advance related to incidents that occurred to trucks on the road, so, to avoid possible collisions, they are studying how to incorporate 360° cameras and sensors that are capable of anticipating the danger of range warning the driver and even correcting the trajectory or braking automatically.