When military transport vehicles need to operate in darkness, enhanced vision systems, aka night vision, can help them safely do that. Night vision systems employ the use of short wave infrared (SWIR) and illumination sensors to covertly navigate. These systems are different from midwave and longwave infrared technologies in that the shortwave infrared can operate through a windshield which allows it to be mounted on a vehicle dashboard giving the driver the ability to see through it and navigate dark roads..

The car is equipped with a night vision system that displays an real time video of the road ahead of the driver. The images are picked up through an infrared camera which is invisible to the human eye. Another Machine Learning model will be used which detects incoming air traffic such as Aircrafts and UAVs

The soldiers can be equipped with technology that grabs onto the “heat signature” of an object such as a dog or people that may not be visible to the naked eye during their perimeter sweep.