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According to the U.S. Department of Energy's Bureau of Scientific and Technical Information, Smart city is:

✓ Roads, bridges, tunnels, rail systems, airports, ports, communication networks, water and energy sources, even major buildings are all cities where critical infrastructure conditions of the city are monitored and managed integrated, resource use is optimized, preventive protection measures are planned, security elements are monitored and service to citizens is maximized...

Smart cities, according to IBM, one of the technology leaders:

 They are cities where important data are collected, analysed and integrated in the city using the Internet of Things and cloud computing technologies...



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THE RESITES







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making process.





















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Next-Generation Automobiles and Smart City Initiatives

It is estimated that a motorist makes 400 observations, 40 decisions, and one mitolike for nexy two miles driven. The US-based National Selety Council pros this in projections with two materials and two more validate accidents resulted in more than 4.6 million highers and 40,000 decisis in the US law years White this can be trace to a variety of factors including detection, felgues,

Mobileve

many vehicular accidents occur on the readways. With recent advances in sensor technology that have been implemented both roadside and in vehicles there is a belief that real-time alert systems will mitigate traffic

One of the leaders in advance driver assistance system (2004) technology Mubbley, which develops camesbased products that have been embedded in millions of vehicles across the globe. The technology is not only providing stridle and selvery capabilities, but that same data is being applied by municipalities to enhance their Mobilitysh technology une visual senson fluet reparendly scara and identify common highway features, obstacles, and condition including here marking, speciellanks, and conditions, watcher podentiese, acclerati, distanciante, and other analway allow formation. Database tallic constants are continually recalulated in real time and potential direges are conveyed to the driver with watch and audo data the system employee composet wince, ne application of antificial maligners that earons when here the driver and the direct with the controls a diversaria form driver hard and sense them the driver and the direct with the system employee on the direct watcher and the direct watcher and potential formation and the direct watcher and and the direct sense.

cognitive information from digital images and vide smulates the manner in which humans process a espond to visual information. The technology deployed includes a number of t

Including subcontrast ensumes in table y bit way including subcontrast energiescy brainfait, bit di spot mantaring, lane centering, forward collision submiting, insigners spat adaptation, nyst vision, podenten detection, nod spin secogrition, and other functions. The sensive amount of data collectes to support these features is processed on the fly using orbitand tachnology the is capabilities of marginary statistical calculations per second. I •

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