5G RAN evolution with network slicing

featuring use cases in an industrial area of a city

Opportunity

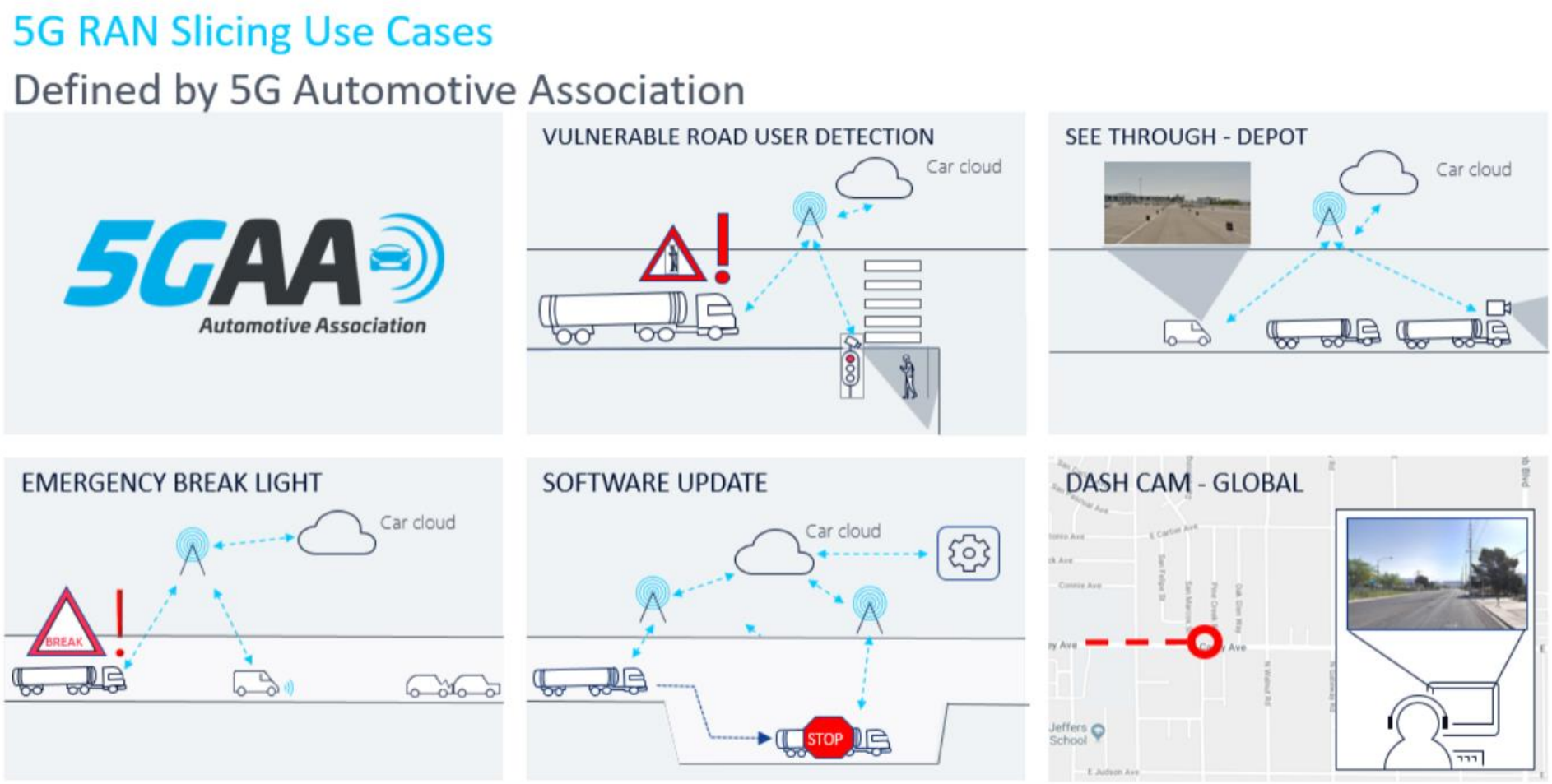
5G networks will be able to support diverse and extreme requirements for latency, throughput, capacity and availability. 5G technology will enable a plethora of services impractical to realize with previous wireless technologies.

There is no doubt that in the future consumers will experience much higher data rates on their smartphones with 5G. It will deliver a quantum leap in capacity and data rates by a new radio system that utilizes much larger radio spectrum and achieves new heights in spectral efficiency.

Breakthrough Innovations

The true business value – and the upside potential for operators – will be about the substantial impact 5G will generate for industries. This new business area will be enabled by the 5G network architecture providing so-called “network slicing”. The concept of network slicing has been around for some time - in short:

Network Slicing supports the diverse 5G use cases, allocating the right level of resources to each of them.



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