



5G Core & Service-Based Architecture – July 2020

A close look at network functions, their rollouts and potential market size and forecast

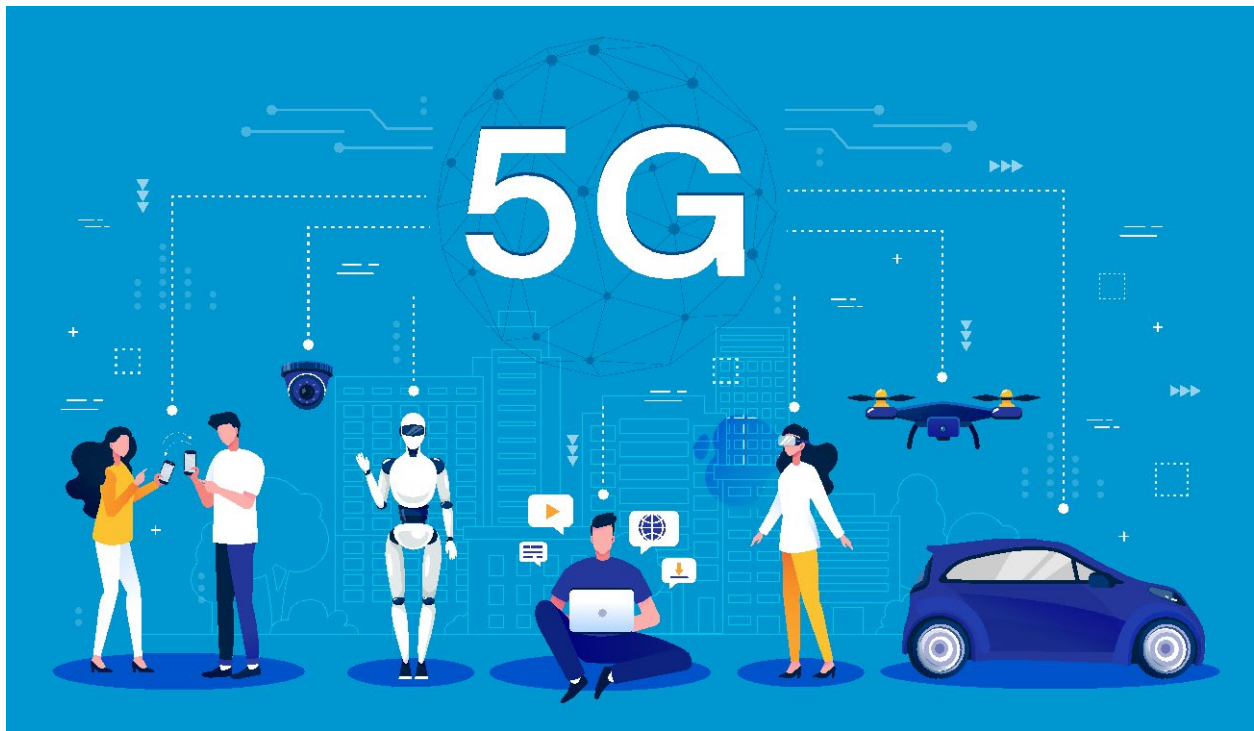


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Abstract

As 5G goes far beyond mobile and will eventually become THE network that bridges all networks together, a new sophisticated service-based architecture (SBA) is being designed by the Third Generation Partnership Project (3GPP). Although many of the network functions featured in the SBA come from existing ones currently active in 2G/3G and 4G networks, novel ones such as the network slice selection function (NSSF) are being introduced and will soon be launched. Based on a service provider survey and discussions with many vendors, this report analyzes dozens of functions and then sizes and forecasts the SBA market by ranking, focusing on the most imminent ones to be implemented in each region.