5G COMMUNICATIONS
Meeting Design Goals and Product Timelines through Simulation and Design Exploration

5G is a revolutionary wireless technology promising higher data rates, greater reliability and lower latency. These capabilities will drive new applications and support the growing number of connected and smart devices in wireless consumer, automotive and industrial markets.

To explore multi-variable design spaces and consider all of the electromagnetic and structural physics to achieve the overall optimal design in the shortest time possible, manufacturers will need to use highly virtual software prototyping applications.

Explore the complete design space for optimal performance
Consider multiphysics effects and leave nothing to chance
Significantly shorten the design cycle

5G communication will drive the high tech market over the next 5 years

25 Billion connected cellular devices by 2021
$3T plus global 5G market by 2026
20 Gbit/s minimum peak data rate requirement
4 Terabytes data generated in 1 day from 1 autonomous vehicle