

# A Study of 4G and 5G Networks and its Impact on Mobile Technology

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**Abstract:** *Users may now access the internet while on the move thanks to mobile cellular data networks. One of the hottest areas creating high-speed wireless networks with innovative technology is mobile wireless cellular communication. A radio network technology is a wireless mobile network. In the last 15 years, mobile wireless technology has skyrocketed. Nowadays, the most frequent mode of communication is through a mobile portable device. From the first generation to the fifth generation, wireless technology has been used in mobile communication. The fourth and fifth generations of mobile networks are discussed in this study. We examine the similarities and differences, as well as the advantages and disadvantages of each. We can see how 4G and 5G have influenced us across a variety of industries.*

**Keywords:** 4G, 5G, Networks, Bandwidth, Impact, Speed, Data

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