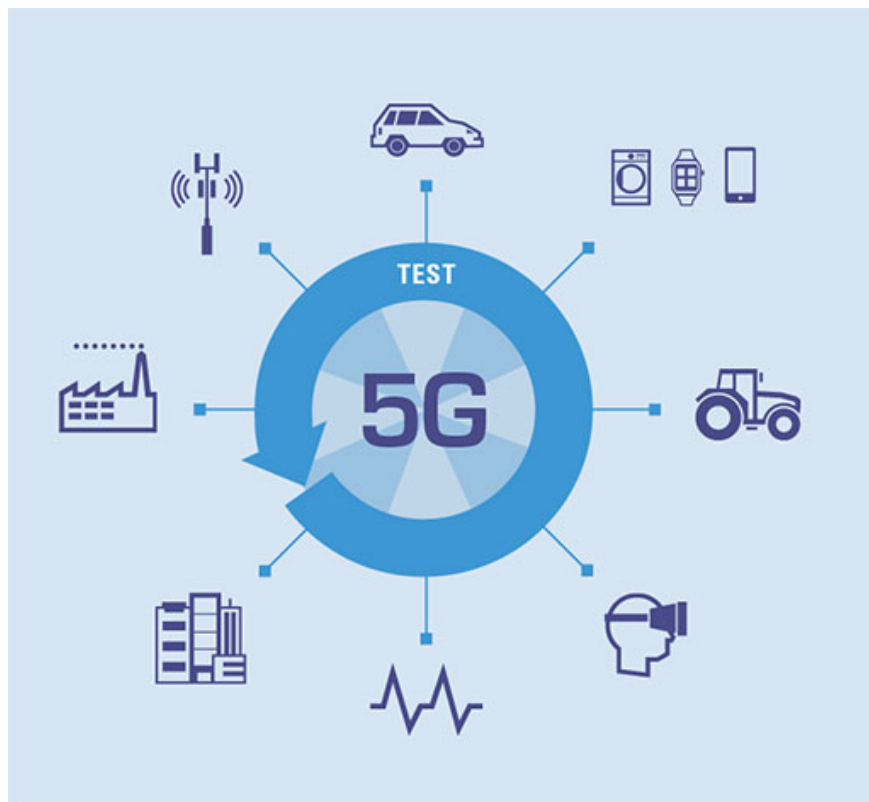


The first areas benefit from the development of 5G

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The era of 5G is getting closer to us than ever. Mankind is currently holding 5G chips, modems and now both potential devices and applications. It can be said that this connection standard will lay the foundation for the next model in the development of the global technology platform, as well as how we control life. The economic and social benefits will allow for a revolutionary level of service, with greater connectivity and superiority. At the same time will help create completely new business models, not only improve productivity and efficiency, but also contribute to paving the way for the birth of many completely new industries.

The inherent power of 5G is that it has a platform that can handle a wide range of services. Opportunities are limitless, and as such, it is difficult for many people to grasp the nature of the different options in new business models. That may be a completely new ecosystem. Qualcomm - the father of 5G technology - has a lot of different business partners, and if we look at it, we can see firsthand the innovations they are making in many different areas.



1. Learn about 5G network, future mobile platform

5G and benefits brought

1. The areas that can benefit soonest thanks to the development of 5G
 1. Automotive industry
 2. Manufacturing industry
 3. Smart wearable device
2. Financial benefits created by 5G mobile value chain

The areas that can benefit soonest thanks to the development of 5G

Automotive industry



Cars will be the first field to benefit from advanced mobile bandwidth like 5G. 5G will make the self-driving car industry grow faster with investment costs for sensor technology tending to decrease. All will be drastically improved thanks to smooth connectivity, high performance computing capabilities and AI. At the present time, mankind is familiar with a term called 'smart transport', which means that vehicles are increasingly able to connect to things around more synchronously. , whether it is devices, people, infrastructure or other network systems. With the help of 5G, the cars will now be able to identify and connect with everything around them, and become an important link in the Internet of Things network (IoT). In fact, an automobile is capable of generating as much data as 3,000 smartphones, so it can be considered a pillar in the development of IoT. In short, the development of 5G will allow us to create smarter and especially safer cars. According to calculations, the smart car market is expected to reach US \$ 95 billion by 2020.

1. Intel and Qualcomm show off the hardware prototype that allows the integration of 5G into computers

Manufacturing industry



Why does the manufacturing industry benefit from 5G? Simply put, 5G will help speed up the process of reconfiguring factories, production lines, and enabling the application and deployment of robots in a more extensive way. Besides, it will be the appearance of automatic vehicles that are controlled and seamlessly connected together, allowing expansion of production scale, while reducing maintenance costs. We can clearly see here the tight link between 5G and a term that is no stranger: the Industrial Revolution 4.0.

At the present time, saying 5G is one of the most important nuclei in the expansion of 4.0 revolution is also not groundless. When this link technology convinced, or in other words won the trust of investors, the prospect of hundreds of millions of dollars worth of smart manufacturing plants was completely open. Exam, and then, innovation will really begin.

1. Post-MWC 2019: 5G has a long and tough road ahead

Smart wearable device



Extended reality (XR), roughly translated: Expanded virtual reality, is a term that covers all branches of virtual reality technology in general. In other words. XR is a combination of AR (augmented virtual reality), VR (virtual reality) and MR (mixed virtual reality), so this technology will help you bring a better experience. The key is

that XR is not a new technology, it has existed and developed for many years, but XR will really become more optimal with the help of 5G.

Thanks to the 5G connection, for the first time we will witness the perfect combination and convergence between smartphones, mobile VR glasses and AR glasses, forming a unique, practical wearable device, with The advantage is summed up from all the above components. XR has the potential to become one of the world's most innovative and groundbreaking computing platforms in the future - similar to today's smartphones.

5G smartphones will be released in 2019

Financial benefits created by 5G mobile value chain



According to analysts, the mobile value chain 5G alone can generate revenues of up to \$ 3.5 trillion by 2035. It will pave the way for a broad mix of industries, with dynamics. The main development force is goods and services, and at the same time will contribute significantly to global GDP growth. So, bet on telecom as a subset of the broader technology sector, thereby offering sustainable and reasonable development options that governments, or planners policy should take into account.

Currently, the biggest challenge that mobile value chains have to solve if they really want to maximize profits is to convey exactly what 5G will really bring to businesses and consumers. 5G technology will create a connection revolution. 2G / 3G / 4G connected 7 billion people, 5G will connect billions of devices, convey the entire physical world into the virtual world, fundamentally change the lives of humankind.

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