



Devices of the world, unite!

Ericssons perspective on 5G

With the introduction of 5G, we expect to see an acceleration in overall connectivity. So far around 1 BN households are connected to the internet. The emergence of 5G and the increased availability of fixed wireless access, Ericsson expects to add 1 BN households to the internet.

The technology and its new capabilities compared to the 4G legacy , such as lower latency, network slicing, or increased availability offers potential for new use cases. In particular, within the domain of IoT. Ericsson identifies three categories of use cases. Massive machine type communication, critical machine type communication, and enhanced mobile broadband. Each use case will harness different innovations of 5G. Autonomous driving, for instance, is depended on low latency to operate reliably under every circumstance.

The main challenge for the introduction of 5G was to develop a common standard across the globe and to agree on common frequencies. During the trip, I came to realize and appreciate the foundational work that technology infrastructure companies have to accomplish in order to carve the way for other technology to offer their products and services to society.

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MiM programme - IoT specialization