

Solutions

smartphones in our pockets to the networks that help make real the vision of the Smart City.
invasive. Fractus' antenna technology provides a response to the wireless connectivity requirements of this
connected world – and the antenna technology innovation that will enable an even smarter
connected life of tomorrow.



Scroll down to see more

Smartphones & Tablets

By 2019, it is estimated that there will be almost 3 billion smartphone users in the world –over one third of the world’s population will own a smartphone. Today, almost every one of these smartphones uses antenna technology based on Fractus’ geometric designs. The major smartphone manufacturers integrate our multi-band antenna technology into their products.

→ MULTI-BAND





IoT / M2M, smart home & smart cities

The Internet of Things (IoT) is transforming our understanding of what can be connected and how. IoT endpoints now range from connected cars to refrigerators and from smart meters to traffic lights, and everything in between. Behind all of this lies a wireless wide area network delivering connectivity across potentially billions of devices. With the antenna critical to IoT connectivity, Fractus' technology is enabling fundamental changes in the way in which people interact with their environment.

→ CONNECTIVITY

Wearables and medical devices

From smart watches to fitness trackers, smart glasses to medical devices, new device form factors are challenging manufacturers to reimagine the antenna in order to balance connectivity with the miniaturization demanded by these new categories of devices. Fractus miniature antenna technology helps them realize maximum antenna performance with minimum antenna space.

→ [MINIATURIZATION](#)





Telecom networks

Mobile operators are forced to continuously improve their network infrastructure to provide first-class services to their customers who expect high quality user experience and continual service improvement. Network improvement walks hand in hand with the deployment of new base stations and the upgrade of existing base stations while guaranteeing environmentally friendly installations.

→ LOW VISUAL IMPACT

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R&D;

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