

# No base station will be needed for future communication

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Sidelink is a 3rd Generation Partnership Project (3GPP) standardized technology that enables direct user-to-user ...

At the heart of this transformation lies the 5G base station--a critical infrastructure component enabling ultra-fast data transmission, low latency, and seamless connectivity.

Satellites are becoming some new cellular towers. Given the typical density of users, and their data requirements, there is no way that satellites will be the towers.

Serving as the backbone of mobile communication networks, base stations are crucial for signal reception, transmission, and data exchange --ensuring smooth communication wherever we are.

The architectural blueprint of 6G networks integrates space, terrestrial, aerial, and undersea communications to facilitate deep connectivity across various scenarios, which is to meet ...

Fujitsu spun off its communications-related business, including base stations, into a new subsidiary this July. Kyocera, which had planned to enter the 5G base station market in 2027, has ...

Satellites are becoming some new cellular towers. Given ...

Rather than completely replacing cell towers, the future of mobile networks will likely be a hybrid model, combining terrestrial and satellite connectivity. Leading telecom providers are already ...

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