

# Mobile communication company base station construction





## Overview

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How does a mobile station communicate with a base station?

The communications between mobile station and base station occur concurrently via two air interface channels from each base station separately. Both channels (signals) are received at the mobile station by maximal combining Rake processing (see Figure 11.20 ). Soft handoff occurs in about 20–40% of calls. Figure 11.20. Soft handoff in CDMA.

What is a communication base station?

Communication base station setups will usually include a wide array of different technologies, including power supplies, data servers, head end, radio repeaters, and communication systems that allow for high-speed continuous information flow. It can also be used as part of a leaky feeder system in the communication network.

Will China build a 5G base station next year?

Technicians from China Mobile check a 5G base station in Tongling, Anhui province. [Photo by Guo Shining/For China Daily] China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the country's top industry regulator said on Friday.



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### [China to construct over 4.5 million 5G base stations in 2025](#)

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### **Mobile communication base station , Shanghai Warner Telecom Co., LTD**

The mobile communication base station refers to radio wireless transmission between mobile communication switching center and telephone terminal. The base station plays an important ...



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