

Japan Communications 5G Base Station Project Department



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In this article, we describe the development of radio base-station equipment and core network*1 equipment to provide the 5G commercial service.

Japan's 5G Networks

It plans to install 8,001 base stations in the 3.7GHz and 4.5GHz spectrum bands, and 5,001 base stations in the 28GHz band. DOCOMO has an English language website that explains ...



Vision toward Beyond 5G

MIC has been implementing "Beyond 5G R&D Promotion Project" to support research and development of key technologies necessary for the realization of Beyond 5G/6G.

[Japan 5G Base Station Unit Market: Trends, Overview, Key](#)

Japan's 5G base station unit market has witnessed an influx of collaborations between telecom companies and technology providers to deliver high-performance, low-latency services.



[Improved efficiency of base station interoperability testing for](#)

The interoperability testing time for base stations of different vendors was reduced by more than 30%, assuming the commercial environment of overseas telecommunications carriers ...



[The Development of 5G Ecosystem in Japan: A Road to Better](#)

As a result, 5G base stations and terminal equipment produced by each company will be integrated with the 5GC technology created through this project to provide solutions for private 5G ...



[Japan's KDDI and SoftBank expand 5G network development plans](#)

This week the duo outlined plans to jointly build out a total of 100,000 base stations each by the fiscal year 2030 (FY2030, the year ending Ma). According to the two telcos, the ...



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This will be the first PoC in Japan on 5G base station sharing in a railway tunnel. 5G is a next-generation communication technology that offers ultra-high-speed, large-capacity, low-latency communication, ...



[NEC exits 4G/5G base station market underscoring Japan's weak ...](#)

Japanese telecom vendor NEC has decided to cease development of 4G and 5G radio access base stations, effectively exiting a segment now overwhelmingly controlled by only five ...



[Sumitomo to Spearhead Shared Mobile Base Stations for Japan's ...](#)

The initiative responds to a broader industry push for increased 5G coverage, with the Ministry of Internal Affairs and Communications aiming for true high-speed communication through ...



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