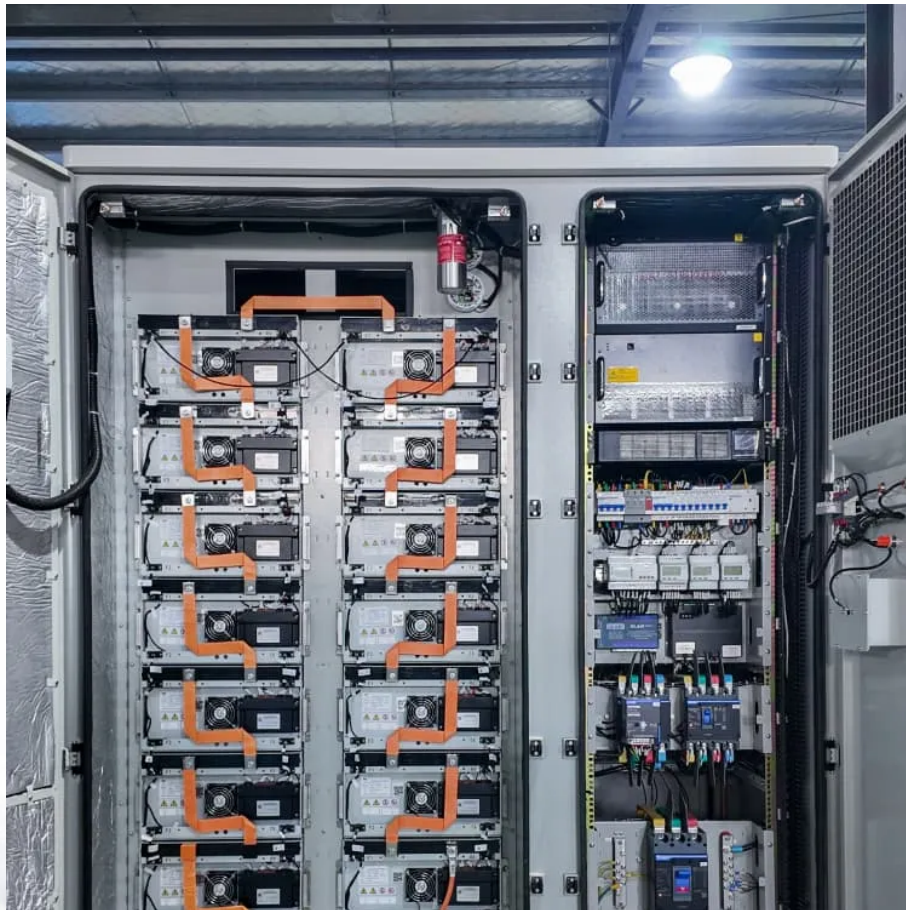


Latest 5G base station for South American communications network





Overview

What will 5G mean for Latin America?

By the end of 2027, 5G is expected to represent 44 percent of mobile subscriptions in Latin America and the average traffic per smartphone is forecast to be approximately 35GB per month. The deployment of 5G networks represents a significant opportunity for development in the region.

What factors shape Latin America's 5G deployment?

As Latin America prepares for next-generation telecommunications, a wide variety of factors—domestic and external—will shape 5G deployment in the region. The following are five key observations of Latin America's mobile telecoms landscape at present. 1. At present, the Latin American region is making considerable strides in 4G availability.

Will 5G delay deployment in Latin America?

Latin America's still-limited progress on recommended 5G spectrum allocation will also delay deployment, as will a relatively small initial consumer base as the region's mobile users take time to upgrade to 5G-enabled handsets. 5G adoption is forecast to reach an average of only 8 percent of Latin American consumers by 2025.

How will 5G impact Latin America?

Data correct as of January 2023. 5G is in its early stages of deployment in most countries of Latin America. However, as it is deployed, it will bring productivity and efficiency gains that will drive significant economic impact. These effects will reach more than \$60 billion in 2030, representing 0.9% of total GDP in the region.

Will 5G SA be available in Brazil?

Moving to cloud-native infrastructure will be crucial to enable 5G standalone (5G SA) deployments. As is the case globally, most initial 5G deployments in



Latin America have used a non-standalone (NSA) architecture. 5G networks in Brazil are a notable exception. 5G SA availability will increase in other parts of the region, however.

Is 5G FWA the most attractive 5G use case in Latin America?

According to the GSMA Intelligence Consumers in Focus Survey, 5G FWA is an extremely or very appealing proposition for two thirds of consumers in Latin America, making it the most attractive 5G use case (see Figure 16).



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5G services are progressing in countries around the world. On the other hand, the use of "millimeter wave," which uses a higher frequency band among 5G services, is still ...

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