

The terminal device communicates directly with the base station

Source: <https://legalandprivacy.eu/Thu-24-Jan-2019-10348.html>

Website: <https://legalandprivacy.eu>

Title: The terminal device communicates directly with the base station

Generated on: 2026-04-02 13:42:43

Copyright (C) 2026 EU-BESS. All rights reserved.

How does a base station communicate with a client device?

Generally, if client devices wanted to communicate to each other, they would communicate both directly with the base station and do so by routing all traffic through it for transmission to another device. Base stations in cellular telephone networks are more commonly referred to as cell towers.

What is a base station in telecommunications?

In telecommunications, a base station is a fixed transceiver that is the main communication point for one or more wireless mobile client devices. A base station serves as a central connection point for a wireless device to communicate.

What is a mobile base station?

A mobile base station, also called a base transceiver station (BTS), is a fixed radio transceiver in any mobile communication network or wide area network (WAN). The base station connects mobile devices to the network and routes them to other terminals in the network or to the core network of a mobile operator... Read more Explore Mobile base...

Why are base stations important in cellular communication?

Base stations are important in the cellular communication as it facilitates seamless communication between mobile devices and the network communication. The demand for efficient data transmission is increased as we are advancing towards new technologies such as 5G and other data-intensive applications.

A base transceiver station (BTS) is defined as a network component that serves one cell within a base station system, which is part of a hierarchical structure for communicating with mobile ...

Generally, if client devices wanted to communicate to each other, they would communicate both directly with the base station and do so by routing all traffic through it for ...

Explore STMicroelectronics' mobile base station solutions, enhancing connectivity and performance for telecom networks.

TL;DR: In this paper, the authors present a communication method, a base station, and a terminal device, where the base station sends, according to the first request message, a second ...

The terminal device communicates directly with the base station

Source: <https://legalandprivacy.eu/Thu-24-Jan-2019-10348.html>

Website: <https://legalandprivacy.eu>

Backhaul Connection: The backhaul connection links the base station to the core network in the mobile communication system. It provides for the interchange of data between ...

The purpose of the present invention is to provide a base station device, a terminal device and a communication method which enable an improvement in communication performance in a...

A BTS is usually composed of: Transceiver (TRX) Provides transmission and reception of signals. It also does sending and reception of signals to and from higher network entities (like the base station controller in mobile telephony). This can be separated into a dedicated device known as a Remote radio head (RRH). Power amplifier (PA) Amplifies the signal from TRX for transmission through antenna; may be in...

[0010] According to one aspect of the present invention, a base station apparatus and a terminal apparatus efficiently communicate with each other. FIG. 1 is a diagram illustrating a concept of ...

the present invention has been made in view of such circumstances, and an object thereof is to provide a terminal device, a base station device, and a communication method capable of...

A Base Transceiver Station (BTS) is a piece of equipment that facilitates wireless communication between a mobile device and a network. Essentially, it acts as a bridge by ...

Generally, if client devices wanted to communicate to each ...

Provides transmission and reception of signals. It also does sending and reception of signals to and from higher network entities (like the base station controller in mobile telephony). This can ...

Web: <https://legalandprivacy.eu>

