

This PDF is generated from: <https://www.aitesigns.co.za/Fri-16-Sep-2022-19592.html>

Title: Communication operator base station data query

Generated on: 2026-05-02 05:26:50

Copyright (C) 2026 AITESIGNS SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.aitesigns.co.za>

What is a base station information query interface?

The base stations information query interface is used to provide location based services with cellular base station information, such as Base Station ID, Time Advance, and other parameters that can be used to compute the geographical position of the mobile subscriber.

How to find a base station?

Base station location in urban areas is best determined by doing round trips of city blocks. At more rural locations you should do larger sweeps to save time. You will get the best result on flat ground. Ensure that you have a sufficiently good connection to the base station as well as a GPS connection.

How can I see the location of a mapped base station?

The map opens from left side main menu. In the maps tab you can see the location of already mapped base stations. The application will automatically only show the base stations of the current network being used (LTE in the picture). The location of base stations can also be viewed from the Cellmapper webmap.

How do I search the Federal Communications Commission (FCC) database?

Federal Communications Commission (FCC) database searchable by location (latitude & longitude) and service (amateur, cable, cellular, paging, ship, coast, mobile, microwave, etc.). Search by point, point radius, or box search.

We need to build a model for analysis and predict the time required for physical expansion of the base station in advance, so that planning and design can be carried out earlier.

Explore granular search interfaces into more than 40 specialized FCC databases such as radio call signs and equipment authorization.

Most of the current research is based on the performance of the base station (BS) itself or the operation mode of the communication operator without considering the users" ...

Communication operator base station data query

Source: <https://www.aitesigns.co.za/Fri-16-Sep-2022-19592.html>

Website: <https://www.aitesigns.co.za>

Discover key strategies and technologies to ensure dependable operator station communication in environments prone to network disturbances.

The application measures the signal strength and other network data collected by the end users and use the data collected to locate network base stations and their coverage.

The base stations information query interface is used to provide location based services with cellular base station information, such as Base Station ID, Time Advance, and ...

OpenCellID is the largest Open Database of Cell Towers & their locations. You can geolocate IoT & Mobile devices without GPS, explore Mobile Operator coverage and more!

Search any of over 40 Federal Communications Commission (FCC) databases such as earth station locations, equipment authorizations, cable companies, call signs, public inspection ...

OverviewMBIM_CID_BASE_STATIONS_INFOMBIM_CID_LOCATION_INFO_STATUSOID_WWAN_BASE_STATIONS_INFOThe base stations information query interface is used to provide location based services with cel..., and other parameters that can be used to compute the geographical position of the mobile subscriber. The information gathered pertains to the cellular base station currently serving the subscriber, as well as neighboring cellular base stations.This topic defines the base stations information query interface for Windows, as the MBIM 1.0 s...Serving and neighbor cell parameters are retrieved via Query/Response operations. A notification is also defined in this topic to indicate that the location of the device within the cellular network has changed.See more on learn.microsoft Missing: Communication operatorMust include: Communication operator.b_imgcap_altitle p strong,.b_imgcap_altitle .b_factrow strong{color:#767676}#b_results .b_imgcap_altitle{line-height:22px}.b_imgcap_altitle{display:flex;flex-direction:row-reverse;gap:var(--maimtc-padding-card-default)}.b_imgcap_altitle .b_imgcap_img{flex-shrink:0;display:flex;flex-direction:column}.b_imgcap_altitle .b_imgcap_main{min-width:0;flex:1}.b_imgcap_altitle .b_imgcap_img>div,.b_imgcap_altitle .b_imgcap_img a{display:flex}.b_imgcap_altitle .b_imgcap_img img{border-radius:var(--smtc-corner-card-rest)}.b_hList img{display:block}.b_imagePair ner img{display:block;border-radius:6px}.b_algo .vvtv2 img{border-radius:0}.b_hList .cico{margin-bottom:10px}.b_title .b_imagePair> ner,.b_vList>li>.b_imagePair> ner,.b_hList .b_imagePair> ner,.b_vPanel>div>.b_imagePair> ner,.b_gridList .b_imagePair> ner,.b_caption .b_imagePair> ner,.b_imagePair> ner>.b_footnote,.b_poleContent .b_imagePair> ner{padding-bottom:0}.b_imagePair> ner{padding-bottom:10px;float:left}.b_imagePair.reverse> ner{float:right}.b_imagePair .b_imagePair:last-child:after{clear:none}.b_algo .b_title .b_imagePair{display:block}.b_imagePair.b_cTxtWithImg>*{vertical-align:middle;display:inline-block}.b_imagePair.b_cTxtWithImg> ner{float:none;padding-right:10px}.b_imagePair.square_s>

Communication operator base station data query

Source: <https://www.aitesigns.co.za/Fri-16-Sep-2022-19592.html>

Website: <https://www.aitesigns.co.za>

```
ner{width:50px}.b_imagePair.square_s{padding-left:60px}.b_imagePair.square_s> ner{margin:2px 0 0 -60px}.b_imagePair.square_s.reverse{padding-left:0;padding-right:60px}.b_imagePair.square_s.reverse> ner{margin:2px -60px 0 0}.b_ci_image_overlay:hover{cursor:pointer} sightsOverlay,#OverlayIFrame.b_mcOverlay sightsOverlay{position:fixed;top:5%;left:5%;bottom:5%;right:5%;width:90%;height:90%;border:0;border-radius:15px;margin:0;padding:0;overflow:hidden;z-index:9;display:none}#OverlayMask,#OverlayMask.b_mcOverlay{z-index:8;background-color:#000;opacity:.6;position:fixed;top:0;left:0;width:100%;height:100%}cellm apper
```

This research focuses on analyzing and predicting traffic and throughput at base stations in cellular networks using machine learning algorithms. The main research area is ...

Filter data by country, operator and operator groups. Access historical data from 2000 onwards, or forecast trends up to 2030 including reported, calculated and estimated metrics.

Web: <https://www.aitesigns.co.za>

