

Base Station Deployment Scenario

What is a deployment scenario?

The process for the deployment scenario includes: building a master installation of the operating system, creating its image and deploying the image onto a destination computer. deploy (plural deploys) Rolling back the bad deploy will usually solve the immediate production problem, but your team isn't done yet. (military, dated) Deployment.

Why do tactical units need a base station?

In this way, the use of this type of base station is the best alternative in disaster or emergency response scenarios for tactical units. Their capacity for immediate deployment means that they can provide coverage in areas where there was none, or quickly replace one that may have been damaged in a natural disaster.

Why should a base station have its own system?

It is also valuable that it includes its own system for the simple management of the base station and its users,so that functions such as adding and deleting groups and terminals,modifying operating parameters in real time,monitoring the status of the unit and displaying alarms in real time,among others,can be carried out.

What is a transportable base station?

Due to the characteristics of size and ability to operate in hostile environmental conditions that we have reviewed in outdoor base stations, transportable base stations are ideal for installation in vehicles or, in general, to be used in mobility environments by incorporating transport accessories.

What is an indoor base station?

Indoor base stations in rack formatThis is the most common type of base station,in which all its components are integrated in a rack-type cabinet,which provides more space for more modules or components. This can enable,for example,redundancy of all components,thereby improving system availability.

What is an outdoor compact base station?

Outdoor compact base stations These base stations are designed for installation in any type of outdoor scenario. They offer a high degree of IP protection,which allows them to operate in the most adverse conditions (rain,extreme heat,wind,humidity,saline environments...) without requiring an additional mechanical cover.

Gou et al. [20] proposed an efficient micro base station deployment strategy by jointly optimizing the number, location, and power of micro base stations, optimizing trade-offs under different ...

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