

Both China Unicom and China Mobile are connected to the switch



Article Overview

Both China Unicom and China Mobile operate extensive nationwide networks and are connected to telecommunications switches to route calls and data across their networks and interconnect with other operators.

Network Infrastructure Overview

China Mobile and China Unicom are two of China's three major telecommunications operators, each operating nationwide mobile and fixed-line networks with extensive 4G and 5G coverage . Both operators maintain their own switching centers, which handle call routing, data transmission, and interconnection with other networks, including international gateways . These switches are essential for managing voice, SMS, and data traffic efficiently across millions of subscribers.

Interconnection and Shared Switching

While each operator has its own core network, interconnection agreements allow China Mobile and China Unicom to route calls and data between their networks. This means that a switch in one operator's network can communicate with switches in the other operator's network to ensure seamless service for users, including number portability and roaming . For example, a China Mobile subscriber can call a China Unicom subscriber without any disruption, as the switches coordinate the routing.

Satellite and Advanced Connectivity



Article Content

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Telecommunications industry in China

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China's Three Major Telecommunications Operators_Baiduwiki

China's Three Major Telecommunications Operators refer to China Mobile, China Telecom, and China Unicom. They are the three

Fix China Carrier Issues

**Understanding China Carrier Issues Chinese carriers, like China Mobile, China Unicom and China Telecom are on unique network

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