



Kiribati Acclinks

Connect the least “connected” countries with Baicells integrated solution



Support satellite backhaul
in cost friendly



Green energy consumption



Provide each user with
3M broadband service

Acclinks has been serving customers on the Pacific Islands since 2003. They establish trust with their customers through professional services, customized products and quick response. Partnering with the top telecommunications, data communications and digital TV manufacturers in China, Hong Kong, Taiwan and the US, they provide high quality products and top level professional services that meet or exceed their customers' need. Acclinks began its business in the Republic of Kiribati with discretion. Made up of 33 coral atolls spread over approximately 3.5 million km² of ocean, the Republic of Kiribati is one of the least “connected” countries in the world. Mobile phone penetration was 14 percent by the end of 2011, and broadband Internet penetration less than 0.5 percent of the population. As there is only one operator in the country, the lack of competition paired with the low penetration opens the opportunity for Acclinks to build a network on the islands.

Pain-Points

High Cost of Submarine Transmission

Kiribati consists of islands. Transmission among the islands is a big issue. Submarine optical cables are widely used in connecting the islands with each other and with the mainland; however, it is too expensive for less developed areas.

Environment Protection taken into consideration

Pacific Islands Countries have the best solar, wind and ocean resources in the world. For this, it is known as “the last place away from pollution”. An environmentally friendly solution design is needed. It is crucial for engineers and telecom vendors to consider the energy consumption resources and the way of installing the base stations.

Price-sensitive Scenario

The population of Kirabati consists of approximately 80,000 inhabitants, most of whose average annual revenue is limited considering the economy is less developed; therefore, any telecom investment requires a strict budget.

Solution & Products

- Nova 2x10W Base station
- Satellite backhaul solution
- Indoor/Outdoor GPE
- Cloud EPC



Highlights:

Cost-Friendly Solution Supports Satellite Backhaul

Baicells' solution integrates Satellite backhaul, which can realize internet backhaul while solving delay and jitter issues, simultaneously saving on fiber cost. The transmission rate also improves with Baicells' LGW function. Additionally, the loose coupling technology ensures connection status at 5 seconds delay maximum between base stations and cloud core.

Green energy consumption

With over decade of experiences in the Pacific regions and strong connections in China, Acclinks proudly provides tailored and affordable green energy solutions to help protect the environment.

Provide each user 3M broadband service

Small Cell based on fixed LTE architecture allows customers to economically extend coverage even where subscriber density is low. It could be paired with either outdoor or indoor CPEs for high-density close range applications, such as apartment complexes, campuses, and office buildings. According to the test result, each end-user could have 3Mbps broadband.

Baicells' innovative high speed data solution enabled us to provide robust, fast internet service to our valuable pacific island customers at affordable price and achieve 100% customer satisfaction.

Acclink CTO , Liyong Liang
