

Solomon Telekom Network Development

Brief Introduction of Solomon
Telekom Network and developments

Introducing Solomon Telekom network

My name is Farhad James and today I am honoured to speak on behalf of Solomon Telekom Company. I will be speaking specifically on the significant developments within our network , how we distribute the services to other parts of the country, challenges faced and solutions to the challenges.

Solomon Island has 9 scattered provinces and being the only ISP in the country, Solomon Telekom has encountered a great deal of challenges in providing internet and other Telecommunication services to the population of Solomon Islands.

Solomon Telekom is able to extend its network to the scattered islands mainly through Satellite, microwave links and fibre link within Honiara.



Solomon Islands Google Earth Map

This is to show how scattered are the islands in Solomon Islands

Significant Developments with Solomon Telekom Network

- Since early 2011, Solomon Telekom has been engaging Netcraft, an IT business in Australia to do an upgrade on our network. Since then, as part of their upgrade, they have virtualised all our servers, built our new domain controller and storage server with windows server 2008 R2 upgrading them from server 2003.
- installed our new Email server, which is Microsoft Exchange server replacing our POP/SMTP email server
- With regards to our Provincial branches, all the services are made possible with Microwave link and v-sat link. Most of V-sat links are from 400kbps to 1mbps; however, the only significant increase is with Gizo link. It is upgraded from 256kbps to 2mbps; this is due to the demand of the services there.
- Malaita Province and Central Provincial being the closest to Honiara are the only provinces using microwave link, thus running at 100mbps
- Internet service to customers is provided through ADSL, Wifi hotspots, dongle and mobile internet and recently,
- Telekom has extended the ADSL service to Taro(Choiseul province), Makira Province, Central province and Lata in Temotu Province. Other provinces are still accessing the internet by using Telekom Public internet café .
- UA5000 DSLAM for ADSL service in those provinces
- Nokia DSLAM 500 upgraded to UA5000 DSLAM

Challenges Solomon Telekom faces

- Solomon Telekom is committed in providing valuable services to its customers. However, the main challenge faced is the geography of our country.
- With the current V-Sat link to the outer Provinces, unstable, poor and slow internet speed is still a problem.

Solution to the challenges faced

- With the ongoing effort of Solomon Telekom in providing valuable service to its customers, Solomon Telekom has no other choice but is introducing submarine fibre-optic cable next year.
- SOCC-Solomon Oceanic Cable Company, co-owned by Solomon Island NPF and Solomon Telekom will operate the cable.
- The submarine cable will link Solomon islands to Sydney and then to Guam, connecting SI to the rest of the world.
- More interestingly, the project will also encompass a domestic cable link between Auki(Malaita) and Noro(western).

Conclusion

Now that I have introduced and emphasized the significant developments, challenges faced with Solomon Telekom Network, I would like to make a final remark that Solomon Telekom has never stopped in developing and improving its network. We continue to develop and is trying our best to offer the very best class service in the Pacific region.

END

THANK YOU OLKETA FOR YOUR TIME