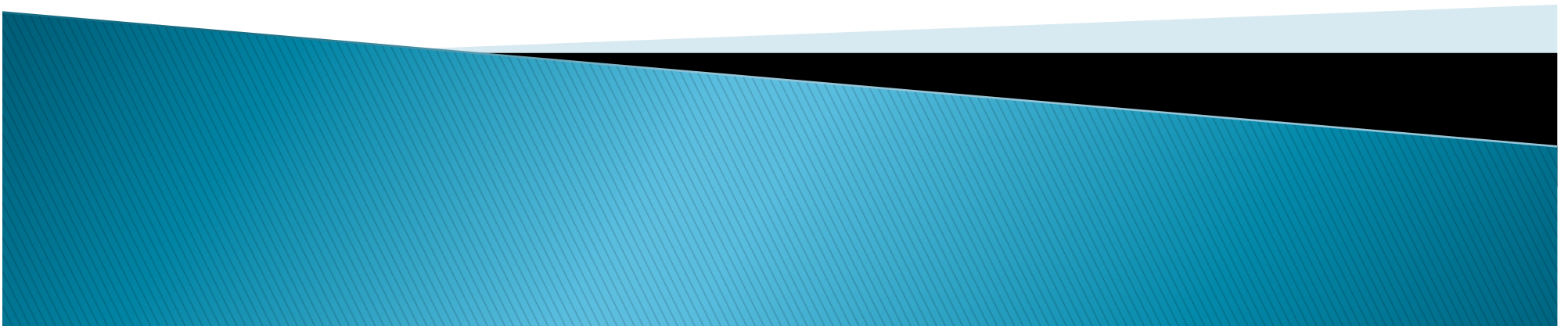


TCC - Tonga Communication Corporations

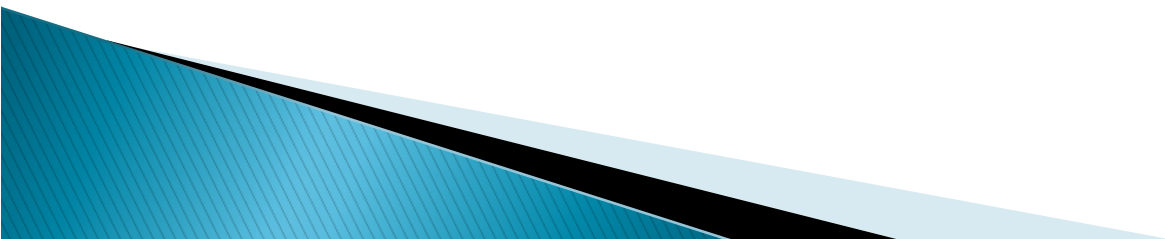
- 100% Government Owned Telecom
- Offer Mobile, Internet, PSTN Service
- 300 staff include overall for TCC.
- 20 years
- Engineer ICT IT/ISP.



The MAJOR Single Challenge

- Rapid Increase in Customer Demand for Internet Access.
- Increase in Roll out Direct Fiber Connection to Corporate Customers
- FTTH to home users
- 3G to 4G (90%) Complete almost immediately increase Traffic

What TCC response to this Challenge ?



TCC – TCL (Uplink)

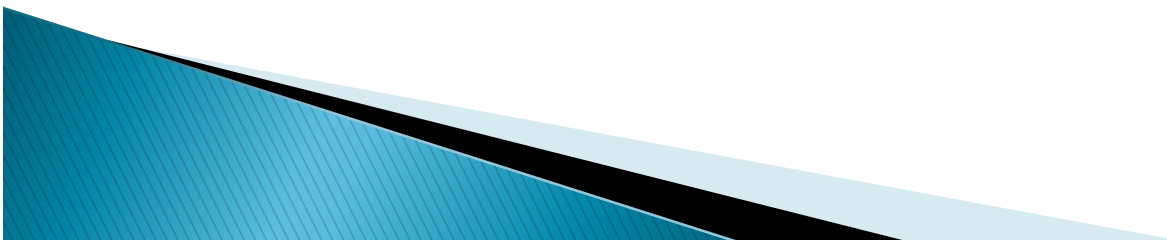
- Single Government Owned Cable Provider
- Offer us a Single Transit with no
- Redundancy and two Outer Island Local Links on Fiber.
- With that single Transit Offer us Dual Stack.
- 10G Redundant Physical Link.

TCC Core – Upgrade to 10G Capacity

- New router and Switches with 10G
- 1G Bundle Links Replace by 10G interface.
- The IPv4 Only MPLS topology remain as it is
- except for the Devices with 10G interfaces.
- 6VPE Implement to carry IPv6 prefix over IPv4 only infra.

Now TCC has answers to that most specific Major Challenge . What's comes next for us ?

-Upgrading our Uplink and our Core to gather for the Demand fro our Users.

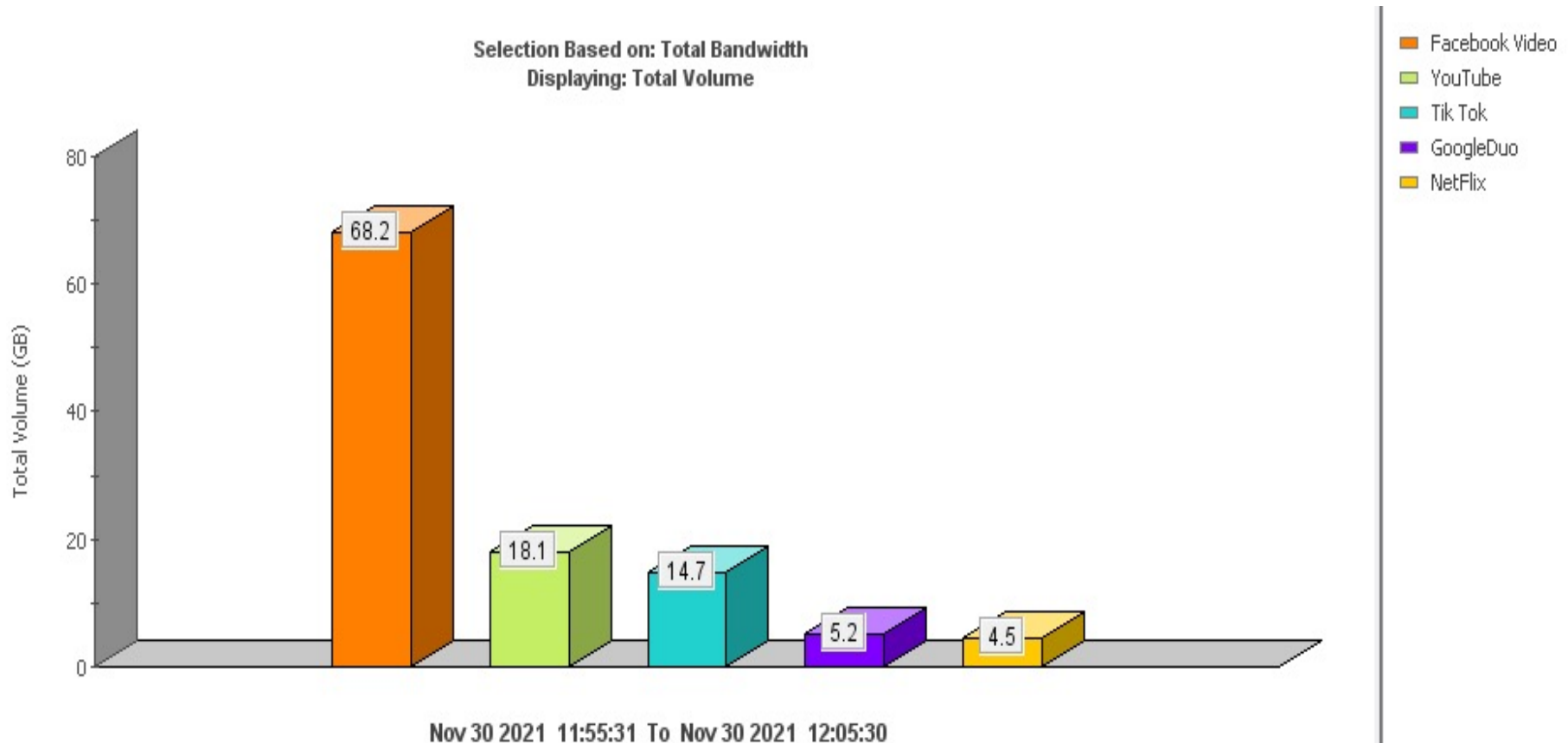


Now and the Future Developments (IPv6)

→ We have other Internal Developments

→ Dual Stack for our Fixed Network

→ Dual Stack for our Mobile Network preparation for 5G inside the Core.



→ Relieve on GNAT on our Gateway Resource.
Probably the same will happen on RAN side.

→ ISIF through APNIC Fund for IPv6 Deployment.

Thank you for Listening.

