

Broadband Deployment in the Caribbean



*From strategy to operations:
The end-to-end approach to
broadband deployment in the
Caribbean*





Almost all Caribbean telcos require faster and more fixed broadband connections for lower OPEX.

Faster



To support rapid growth of:

- High-quality Video
- Cloud services
- eServices
- Smart homes

To support regular speed increases that reduce pressure to decrease prices.

More



To connect the unconnected consumers and businesses in remote areas.

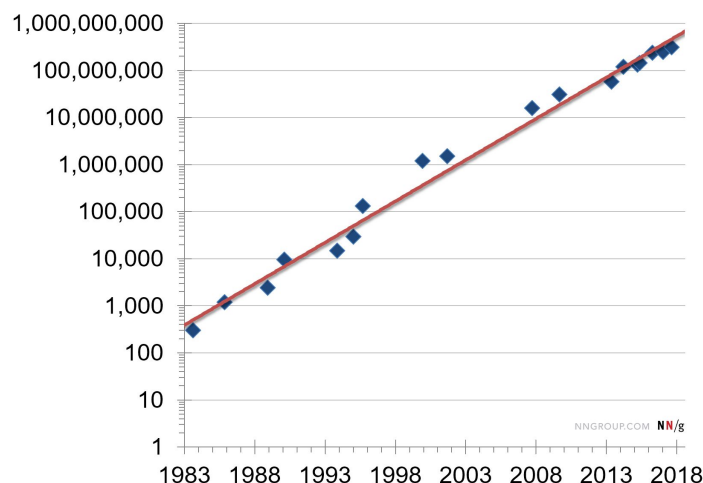
Lower
OPEX



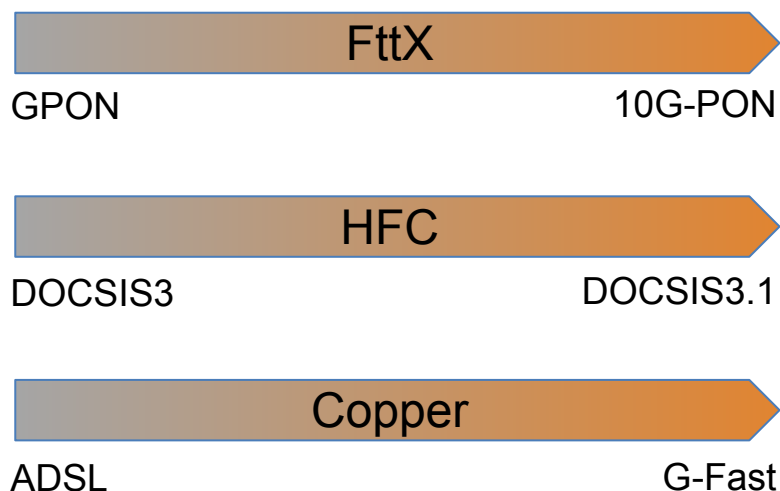
To replace outdated copper infrastructures that require regular preventative and corrective maintenance for high costs.

Broadband networks need to be future-proof to support the evolution towards Gigabit networks.

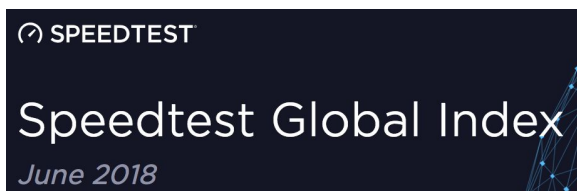
Nielsen's law – exponential growth of data usage



(R)evolution towards Gigabit capable networks



The June 2018 Ookla Speedtest Global index shows there is a long way to go for the Caribbean.



Global Average

Download Mbps

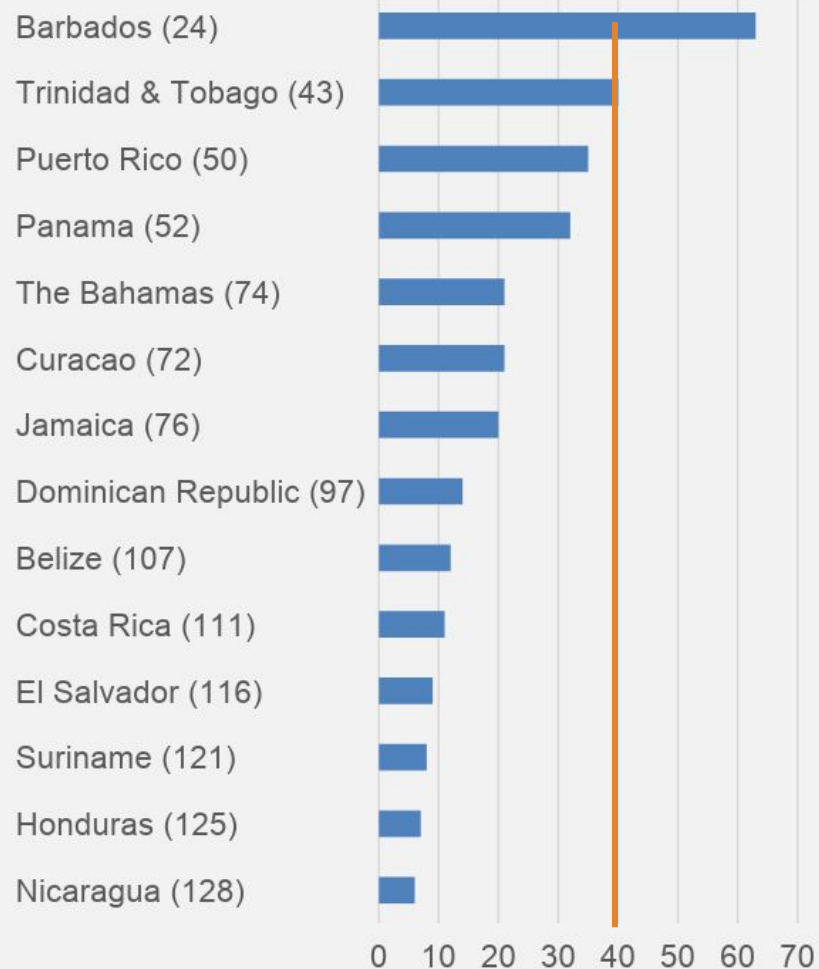
46.25

Upload Mbps

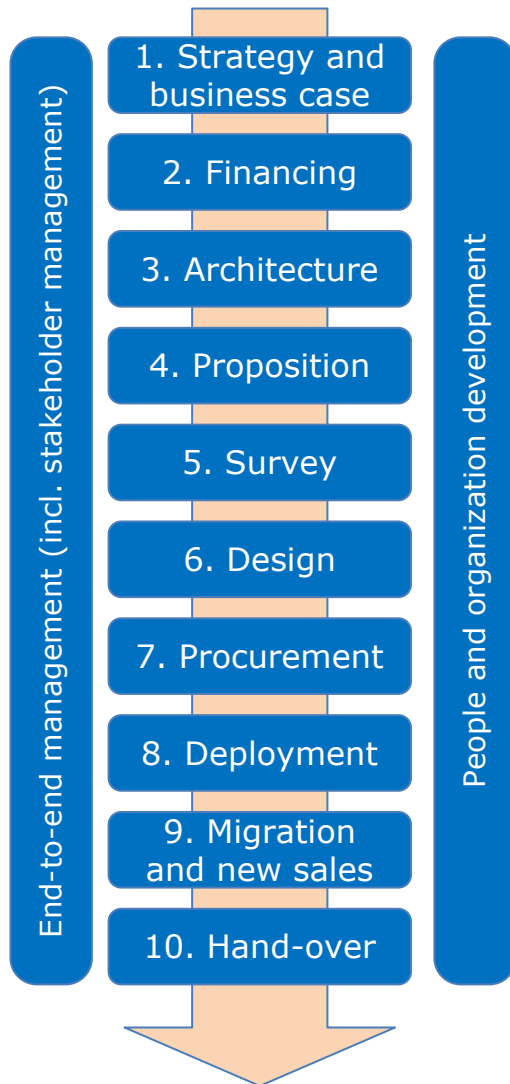
22.47

#	Country	Speeds (Mbit)
1	Singapore	181
2	Hong Kong	151
3	Iceland	149

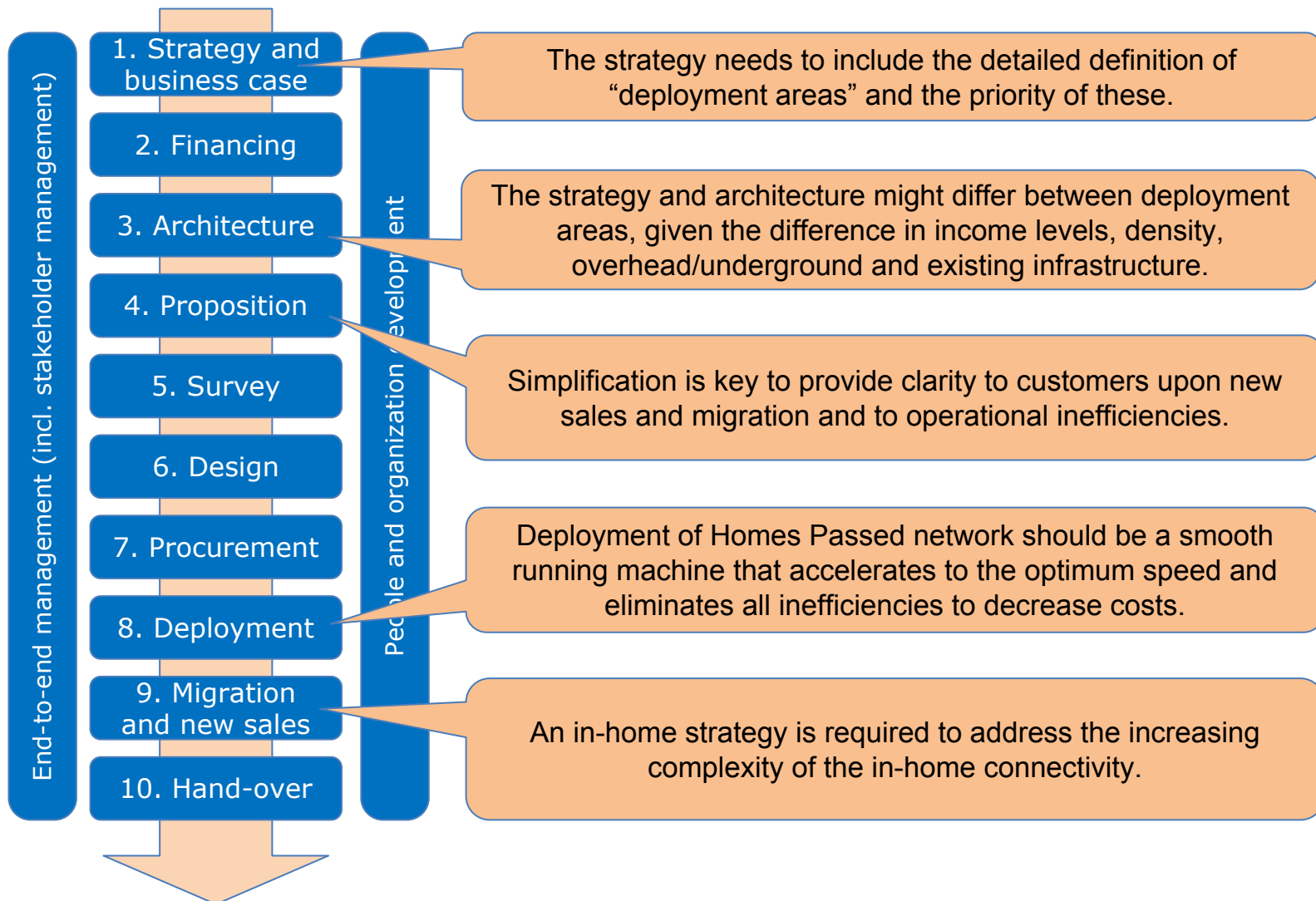
Regional Broadband speeds (Mbps)



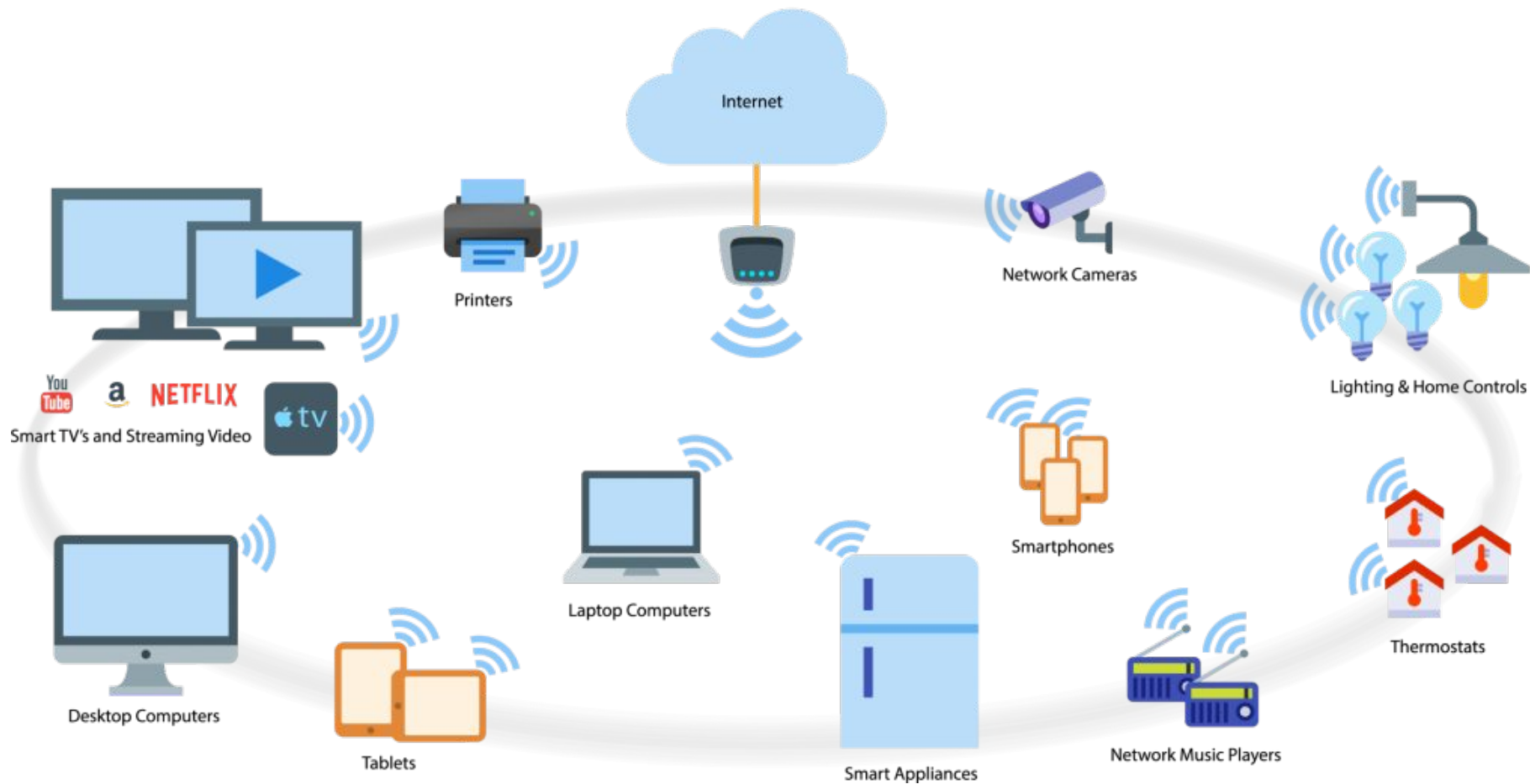
Successful broadband deployment requires an end-to-end approach.



The end-to-end approach should incorporate best practices in each of the steps.



Broadband should not stop at the front door! An in-home strategy is required to prevent this.



The strict demarcation is under pressure. Internet providers need to enter and “own” the home

Customer responsibility

- Demarcation at the cable entry.
- Advertised speed achieved when connected to modem with network cable.
- Customer needs to solve all in-home issues. Possibly with inferior/mediocre solutions.
- Severe risk of customers having bad customer experience.

Provider-managed in-home experience

- Internet provider enters the home, possibly for a recurring premium.
- Multiple (meshed) APs provide WiFi coverage and capacity throughout the home.
- High-quality (4K) IPTV is supported on multiple TVs.
- Customer and provider can monitor and troubleshoot in-home experience.

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Presenter: Jelmer Gulmans

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