

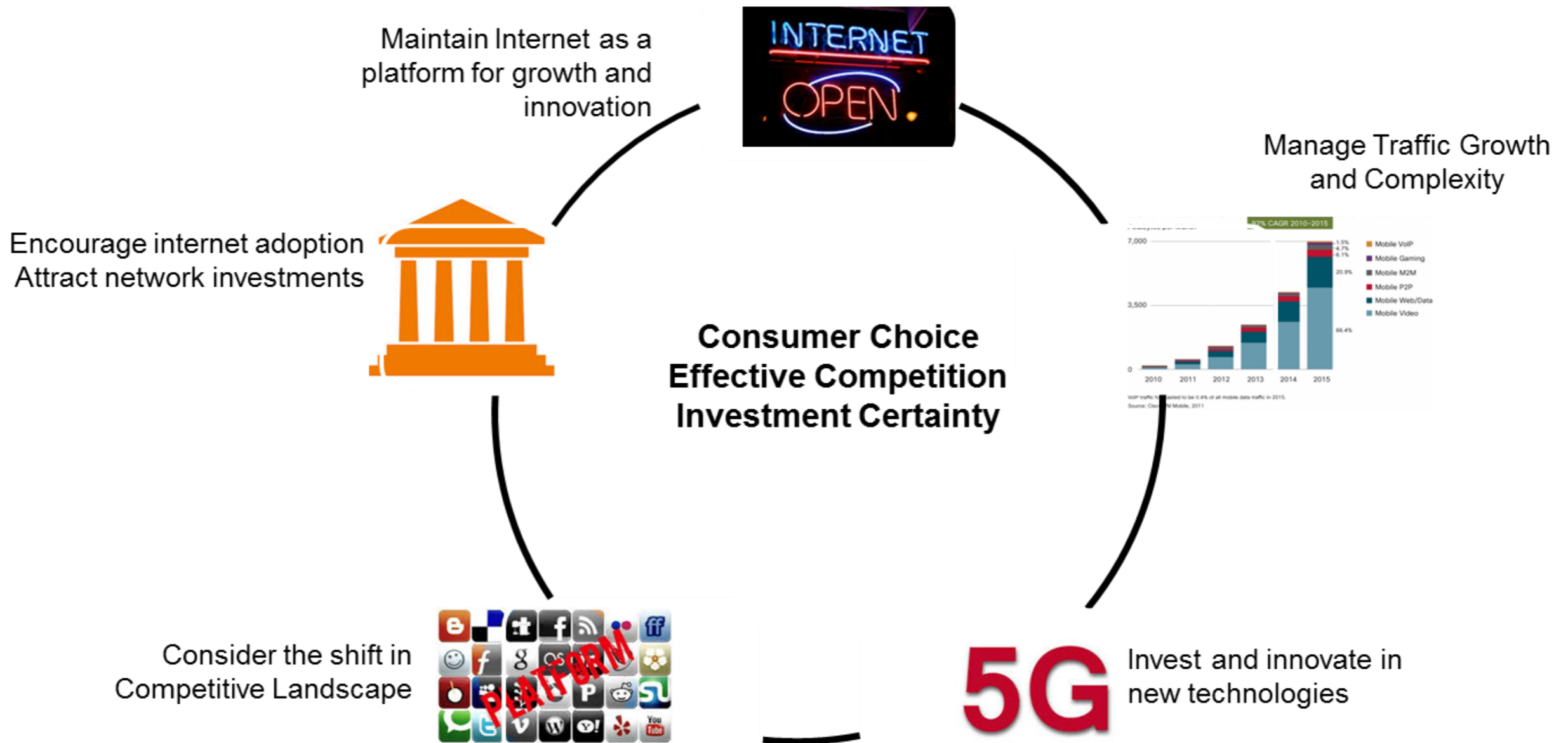
RIPE

Net Neutrality

Open Internet and Traffic Management



Net Neutrality is a Complex Debate



Industry Views

Committed to the open Internet

It is important to maintain an open Internet

Flexibility needed to manage traffic

To ensure it remains open and functional, mobile operators need the flexibility to differentiate between different types of traffic.

Competitive markets are sufficient

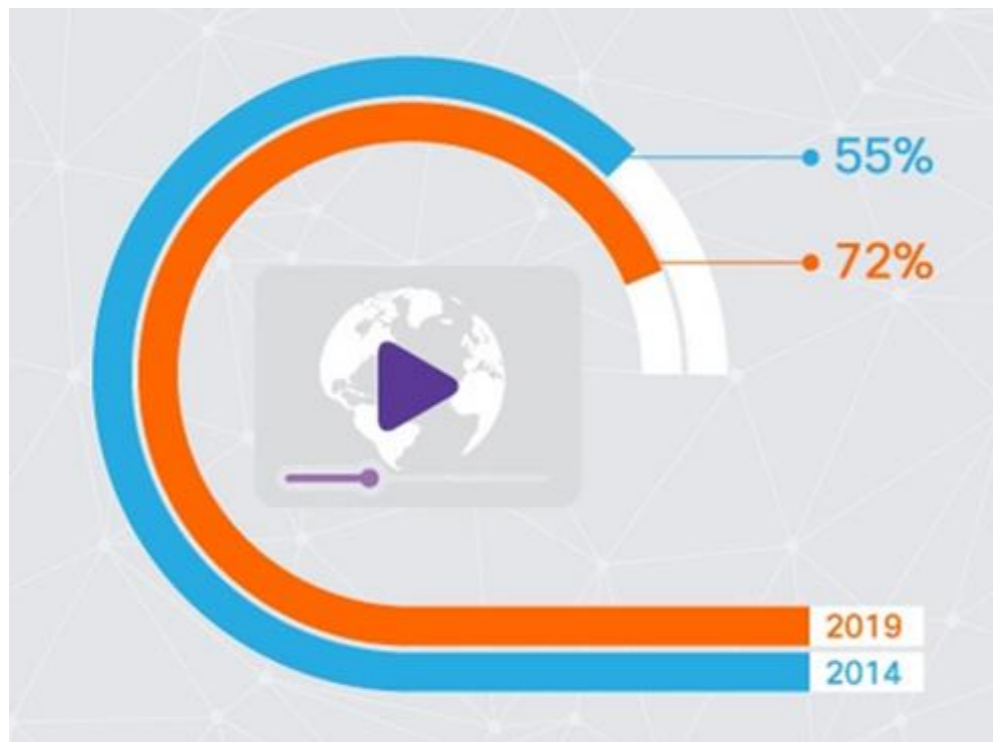
The high degree of competition in the mobile market provides ample incentives to ensure customers enjoy the benefits of an open internet. Regulation that affects network operators' handling of mobile traffic is not required.

Transparency

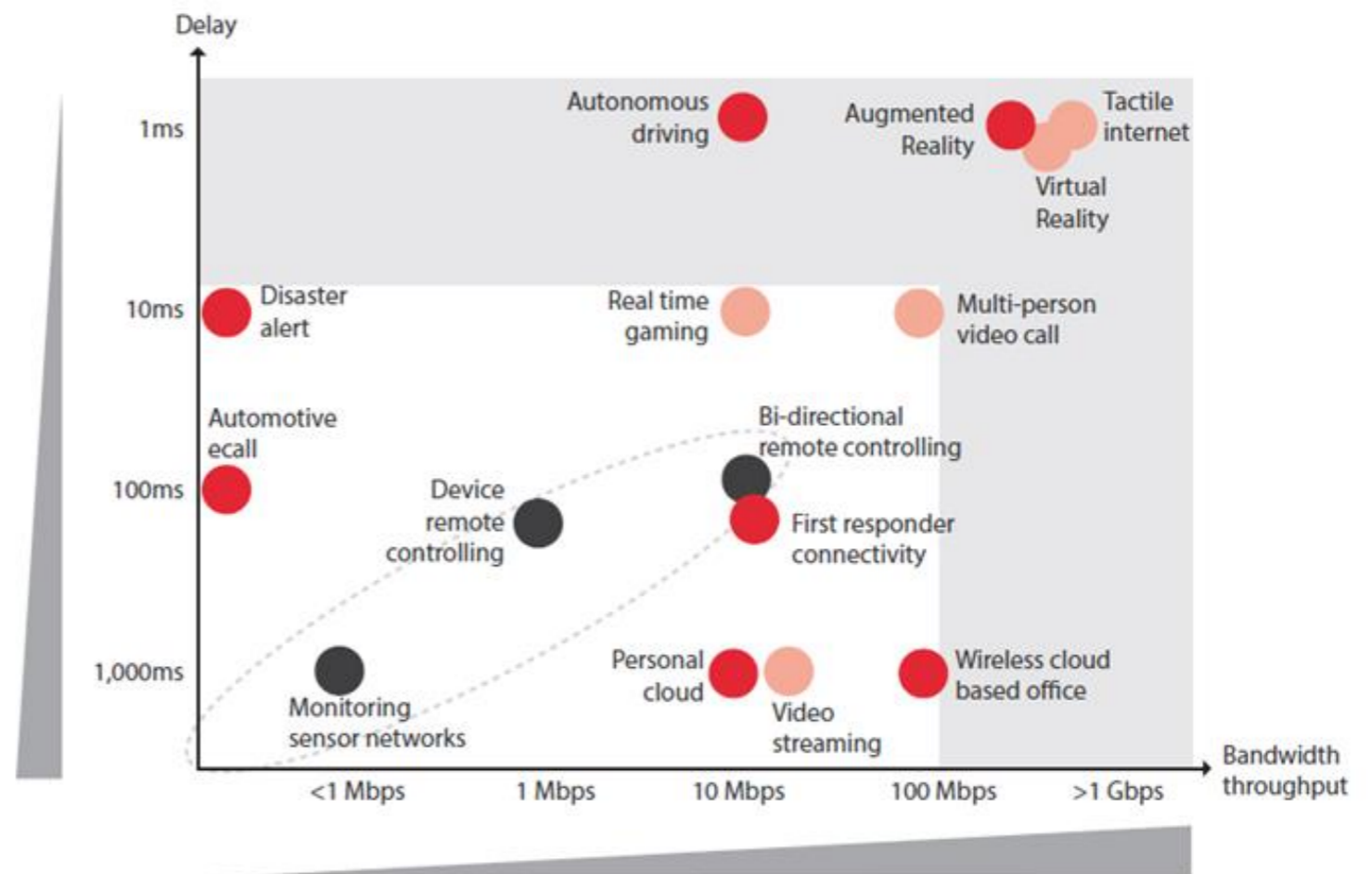
Consumers should have the ability to choose between competing service providers on the basis of being able to compare performance differences in a transparent way

Growing Traffic Volumes and Complexity

10x growth in global mobile data traffic between 2014 and 2019
72% of this traffic will be video



Multiple traffic types with different performance requirements



- Services that can be delivered by legacy networks
- Services that could be enabled by 5G
- Fixed
- Nomadic
- On the go
- M2M connectivity



Different Approaches in Different Markets



Chile adopted legislation in 2010 and regulations in 2011



Netherlands adopted legislation in 2012



FCC voted for new rules in 2015



Legislative package passed in April 2014; new proposal from Council being discussed



Transparency rules adopted; Industry code adopted in 2012



Singapore adopted transparency rules in 2011



Korea adopted traffic management guidelines in 2011



Philippines proposed legislation in 2013; pending committee discussion

FCC Open Internet Rules

- Bright line rules are often talked about
 - No blocking
 - No throttling
 - No paid prioritisation
- But there are several exceptions
 - Enterprise services not in scope
 - Traffic management of *other data services* is allowed
 - Reasonable network management is allowed
 - FCC assessment will consider technology differences (e.g. mobile vs. fixed)

Specific Regulation is Not Necessary



Highly competitive mobile market delivering value and choices for consumers



Transparency of traffic management, if required, should be based on a pragmatic approach



Existing legal and regulatory framework provide adequate safeguards

Principles-based approach, rather than regulation, that is sufficiently flexible to capture current and future developments

Thank You

Questions?

