



Making 5G Work

Silicon Valley 5G Summit

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Making 5G Work



Technically

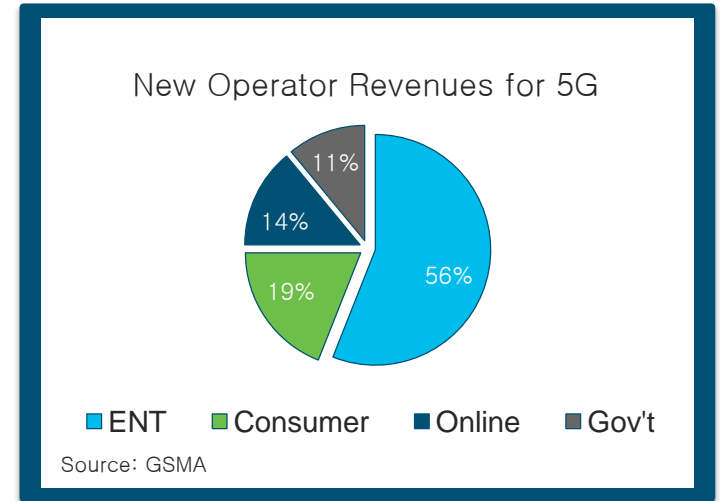
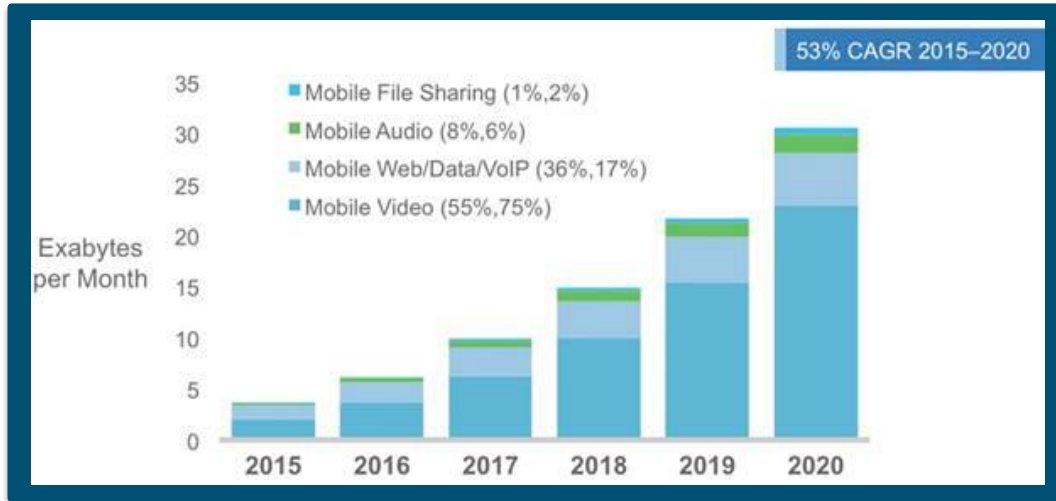
- Support new radio technologies and functions
- Seamless integration with existing technologies
- Flexibility to support a variety of services and capabilities



Financially

- Enable new services & maximize revenue opportunities in uncertain future
- Minimize investment, provide investment protection
- Optimize operations and asset utilization

5G Market Forces

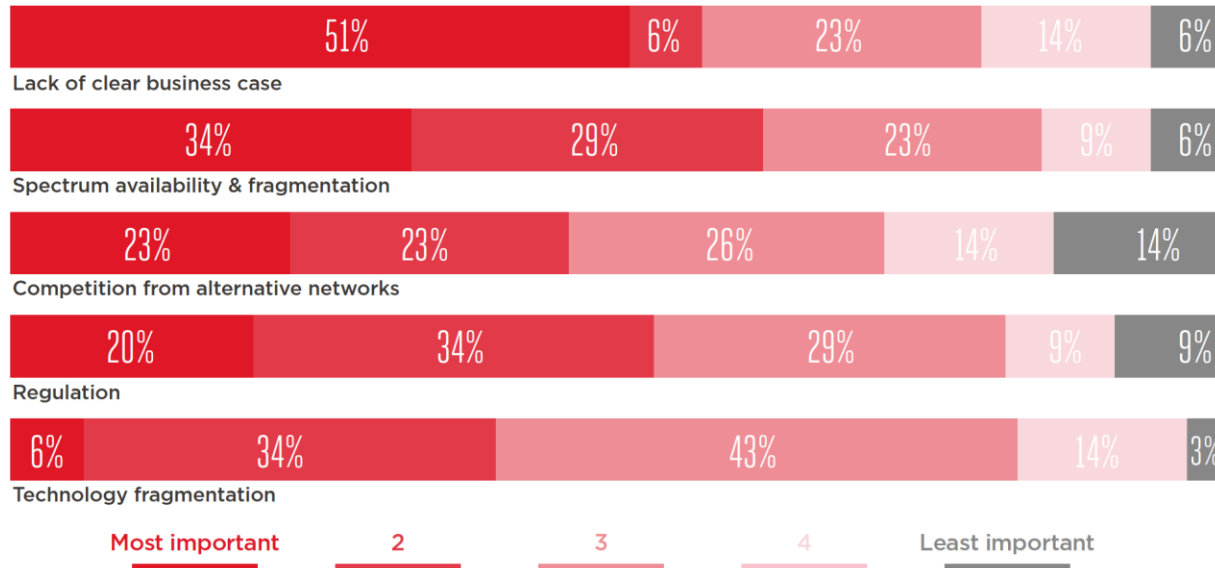


Video drives traffic...but
not revenue



Meaningful growth
requires shift towards
enterprise

Operators' Perspective: Risks in Deploying 5G



Source: GSMA *The 5G Era* 2017

5G Platform Architectural Tenets

Cloud Enabled

Virtualized and Programmable
Containers, Microservices
Distributed/Edge Compute
Robust APIs

Mass Scale Networking

SDN, Segment Routing
Flexible and programmable
Secure end-to-end

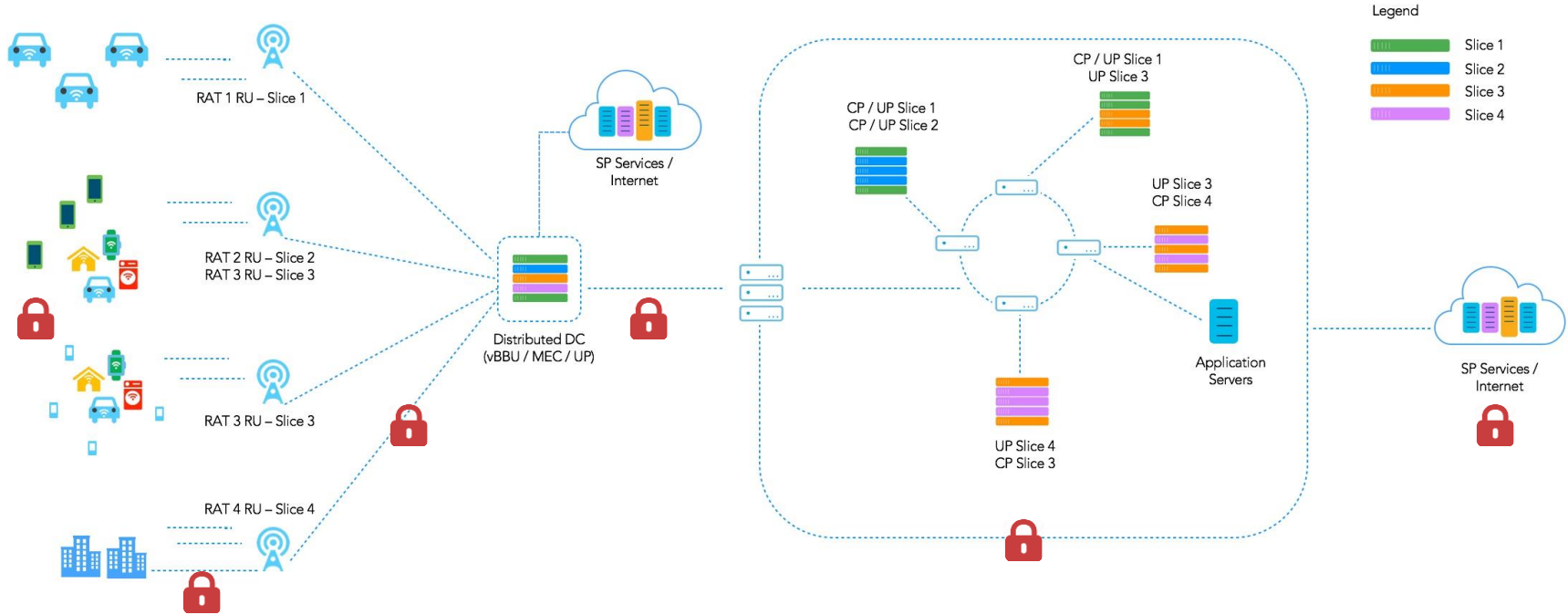
Automated

Life Cycle Management
Cross-Domain Service
Orchestration
Self-Optimizing

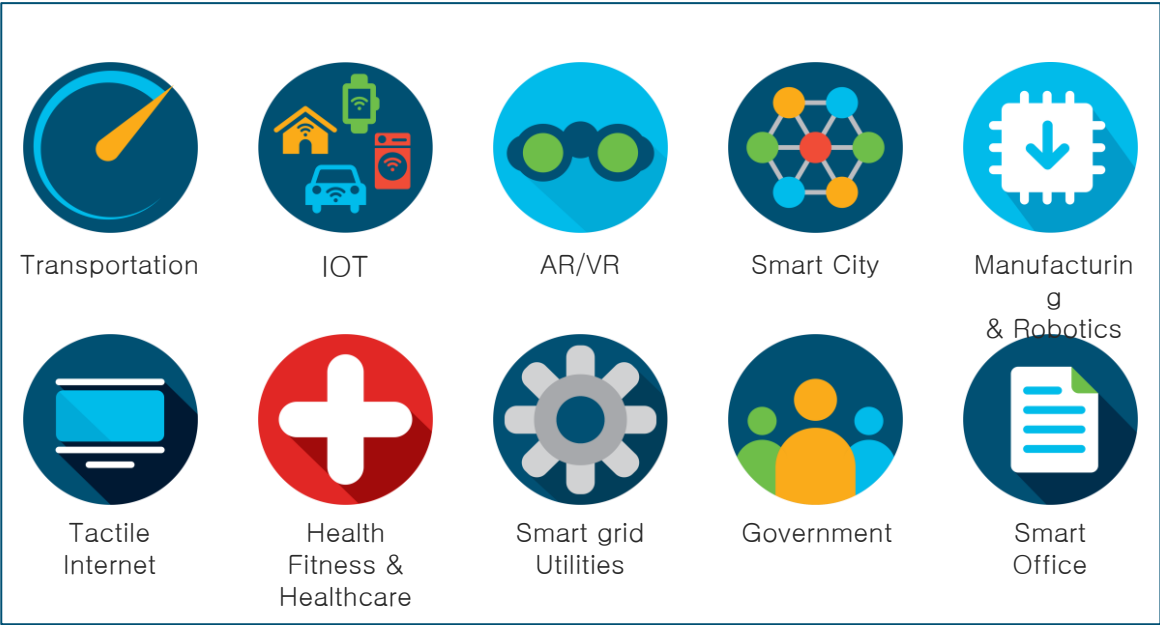
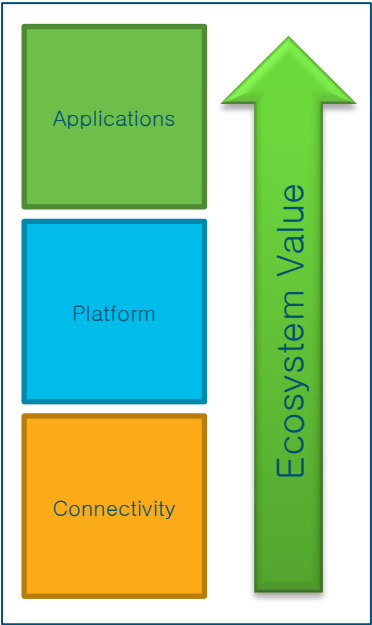
Access Agnostic

True Heterogeneous Networks
Licensed and Unlicensed
3G, 4G, 5G, WiFi, LPWA, etc

Value-Creating Network – 5G Enabled



The Opportunities are Vast



... and many more

Conclusions



5G is a journey, even more than prior G's



Massive business opportunities ahead



5G will be enabled by an open, automated, and secure network platform

