

Tale of a scary dragon ...or 5G security demystified

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What is 5G?



Latency

1 ms E2E Latency



Throughput

10G bps
Per
Connection



Connections

1,000,000 Connections Per Km2



Mobility

500 km/h High-speed Railway



Architecture

Slicing

Ability Required



GAP

30~50x

16x

100x

1.5x

NFV/SDN



30~50ms

600Mbps

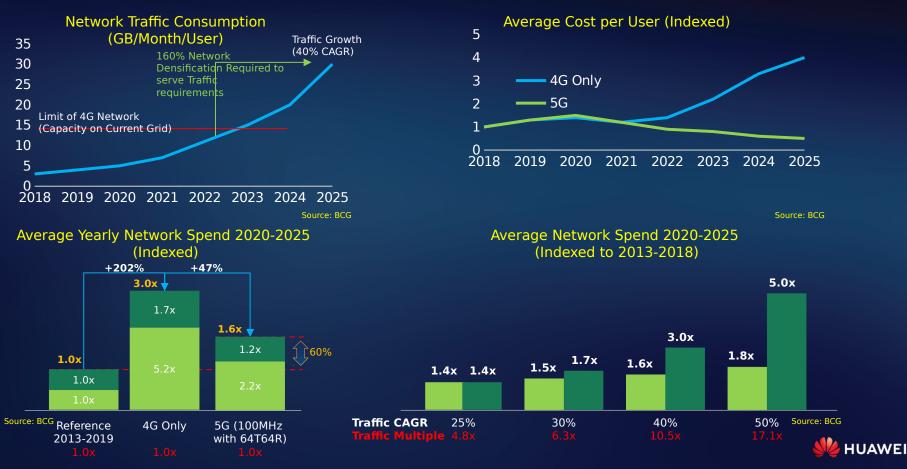
10K

350Km/h

Inflexible



5G Improves ROI (Growth & Efficiency)





So where would the dragons live?



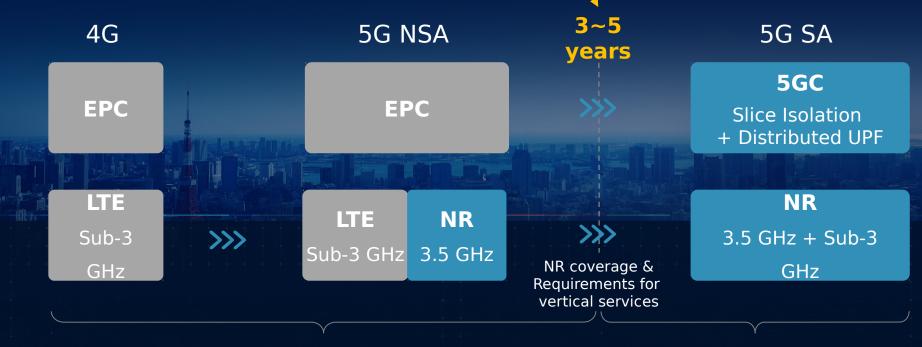




We need to prepare...



They are not even here yet



eMBB service

NSA: non-standalone 5GC: 5G Core SA: standalone

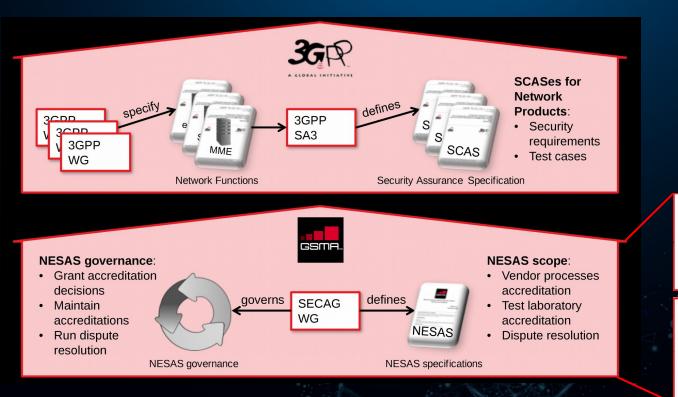
NR: New Radio

eMBB service + Vertical industry services





Dragons should come with certification | NESAS





Update/

Upgrade

Configuration

Management Management

Patch

Management



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Dragon Vector Designed By Anna Antracit from https://pngtree.com/freepng/red-dragon_3688498.html