



5G in 15 Minutes

What You Need to Know About the Next Generation of Wireless



Digital Transformation
Conference and
Awards Ceremony

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“it’s a revolutionary leap”

– CTIA

“the most transformative technology offered
since wireless services were introduced in 1985”

– Rogers

“5G is going to change everything”

– Nokia

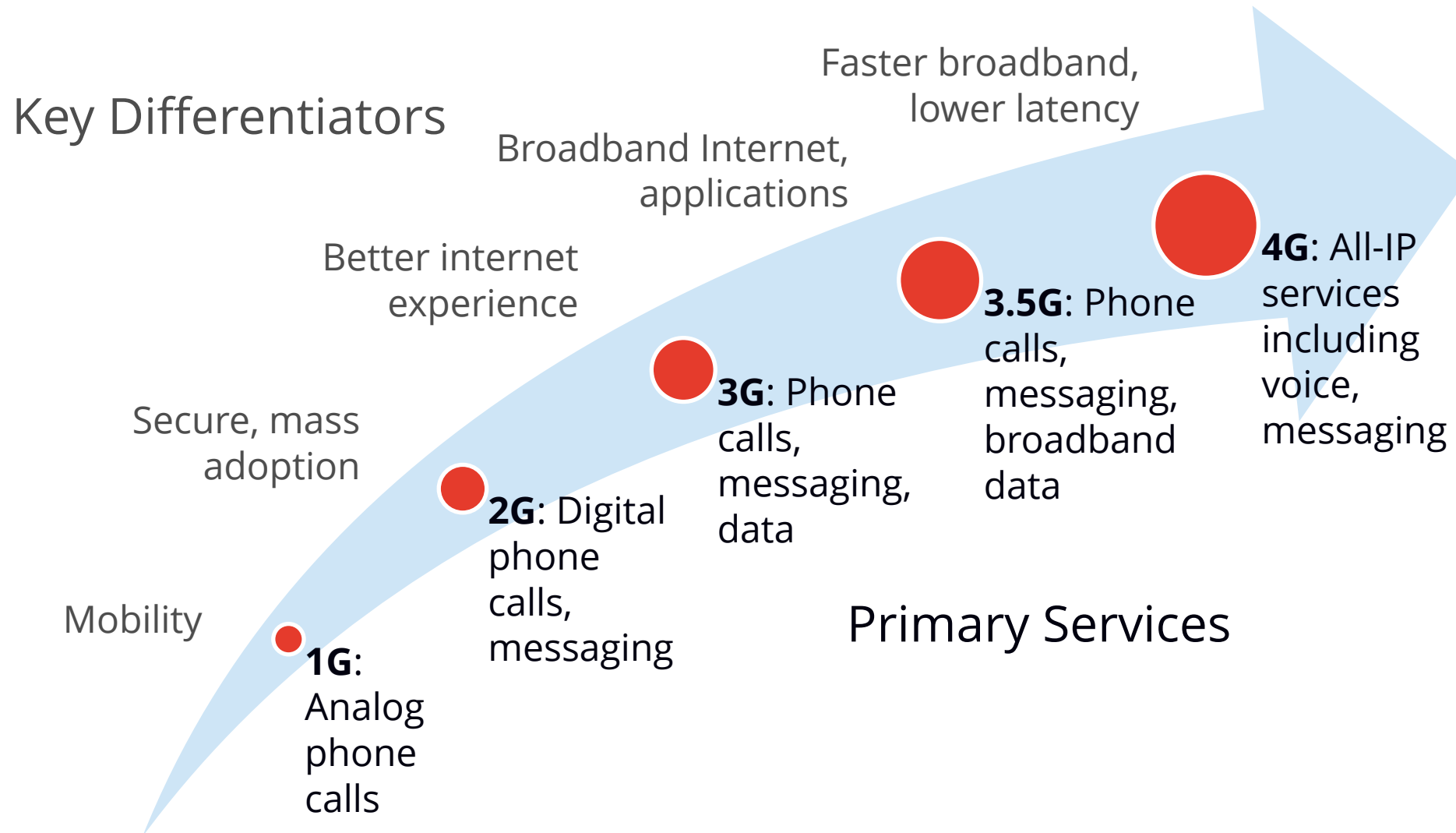


Setting Expectations...

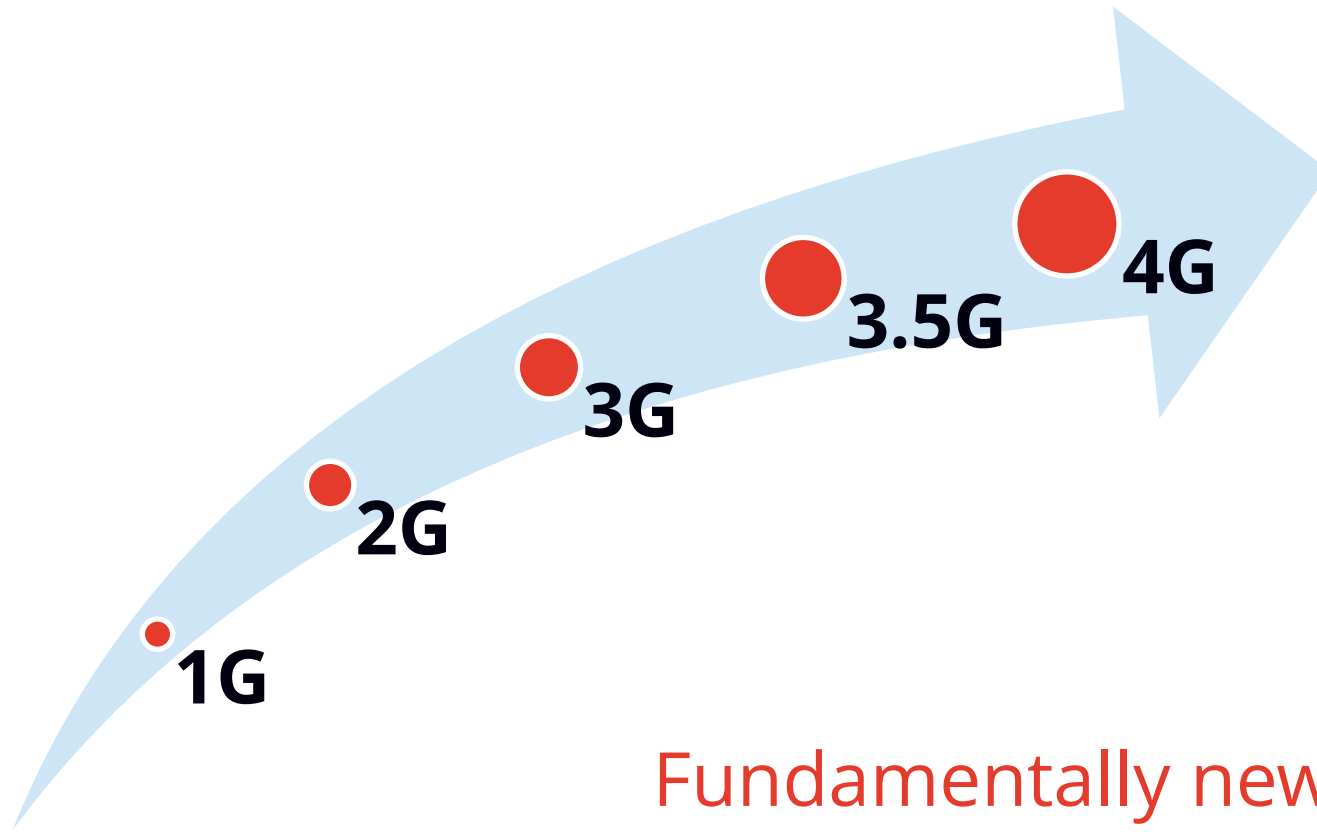


- 5G is not here today but is coming soon
Spectrum auctions in 2020-2021 in Canada
- 5G is not one thing
5G will use a mix of low, mid and high-band spectrum (i.e., wireless frequencies)

Wireless Network Evolution: 1G to 4G



Wireless Network Evolution: 5G

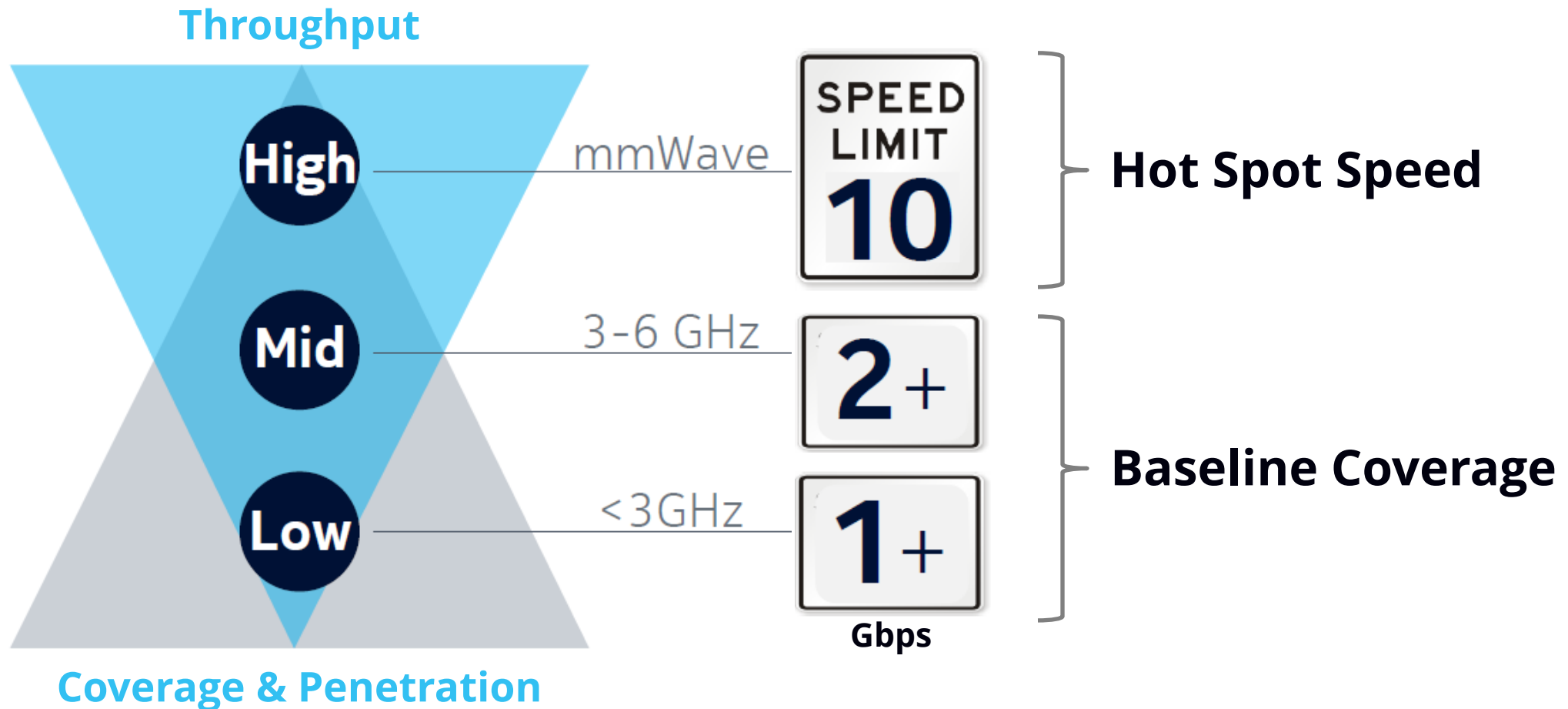


5G:

- Faster speeds
- Lower latency
- More energy efficient
- Greater connection density
- Enhanced mobility
- Greater availability

Fundamentally new use
cases and potential
business models

5G Spectrum Requirements for Speed & Coverage



Of Course its Going to be *FASTER*...

Three Additional Promises of 5G



Greater connection density



Lower latency



Improved energy efficiency

5G Wireless Enables Digital Transformation



"The speed, latency, and densification advantages of 5G will enable a wide range of innovative and transformative applications across nearly every industry"

- Jason Leigh, Senior Mobility Analyst IDC

5G Use Cases



Fixed Wireless
Access



Connected
Factory



Autonomous
Vehicles



AR in Field
Service



4K Video
Surveillance



Essential Guidance



Business Model Implications

- Consider how 5G can transform your business or industry
- What potential competitive disruptions loom ahead?
- Plan for the long term i.e., beyond 2020

Technology Considerations

- Keep an eye on 5G technology and industry announcements
- Explore new applications, early trials, pilot projects
- Think about how 5G ties into your plans around IoT, cloud and edge computing

Thank You!

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