

The background is a solid blue color with several white, stylized lines and circles. Some lines are straight, while others are curved. Some circles are small and spaced out, while others are larger and more prominent. The overall aesthetic is clean and modern, typical of a corporate presentation.

# 5G: Forget the Hype, it's Time to Explore What's Happening Today

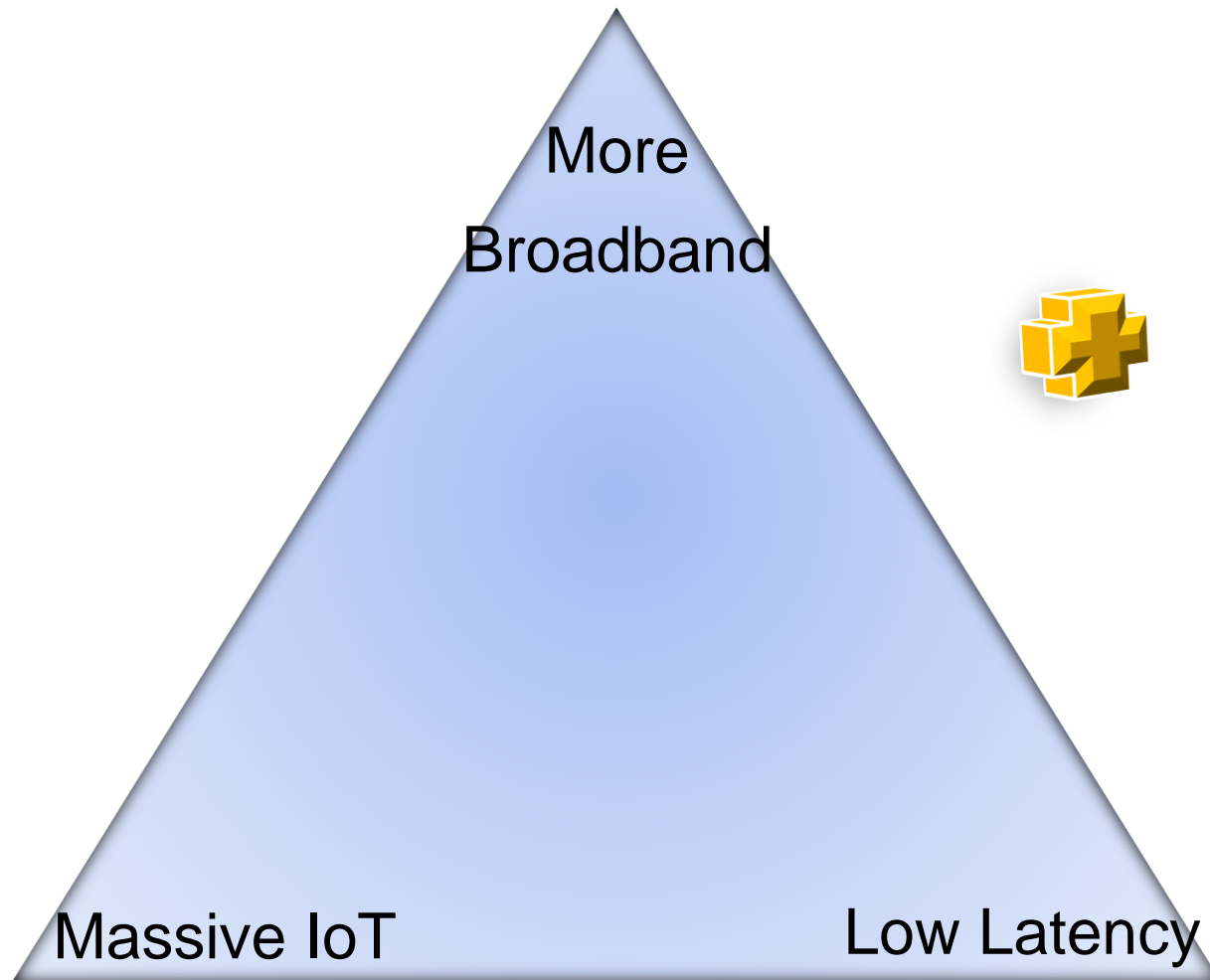
Ian Keene

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# 5G Network Attributes – Fill in the triangle with real applications instead of Hype



*Plus ...*  
*Edge Computing*  
*Network Slicing*  
*Massive MIMO*

# Attractions of 5G for ...

## ...CSPs

- Lower cost per Byte
- More, new, frequency bands —low, mid and high bands
- New revenue earning enterprise services
- Retain or improve consumer ARPU
- Big hope for IoT

# 5G: A neat way to increase city capacity



Moorgate, London

# Attractions of 5G for ...

## ...Equipment vendors

- New frequency licenses mean new radio sales
  - and new handset sales
- New core network new product
  - unifying core for fixed and mobile
- Edge computing and network slicing
  - maybe sales of a and service opportunities

# Attractions of 5G for ...

## ...Consumers

- More bandwidth in urban areas
- Better video applications
- Better fixed broadband services

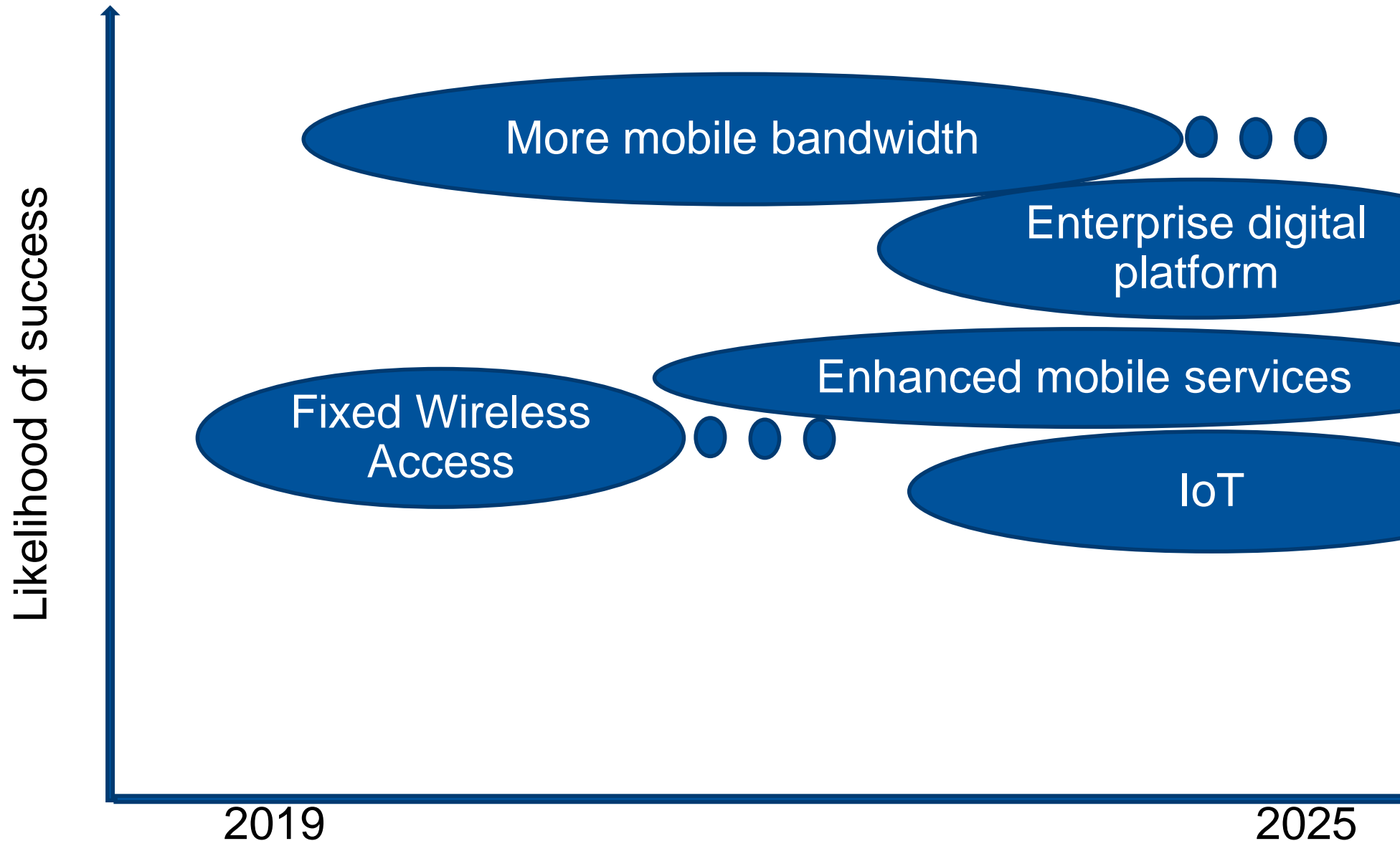
# Attractions of 5G for ...

## ...Enterprises

- Customised enterprise services, vertical industry focused
  - *Network Slicing for industry specific attributes*
- Port enterprise applications onto a cellular platform, edge computing
  - *Lower cost or more reliable than Wi-Fi? But what about WiFi 6?*

SPA: *“By 2020, 40% of MNOs in developed markets will promote private cellular networks”*

# 5G Services, when and how successful?





# And to the Panel...

- What are the new opportunities that 5G could enable?
- Which vendors stand out from the crowd?
- 5G use cases:     1/. Biggest Hyped  
                            2/. Best Bet for success

Joel Stradling *Global Data*

Atchison Frazer *Versa Networks*

Kevin Restivo *IDC*



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