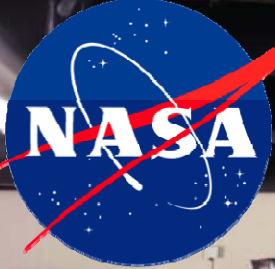


The background features a dark purple gradient with several concentric, glowing purple circles that create a sense of motion and depth. The '5G' text is centered within the innermost circle.

5G

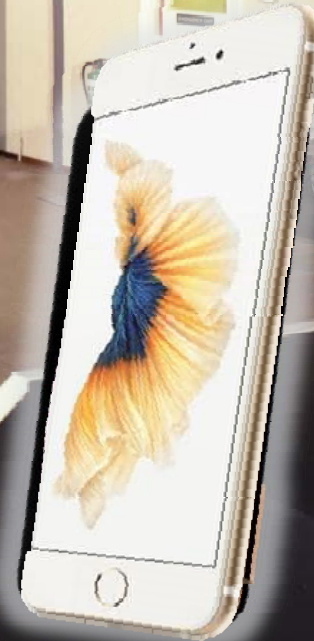
And the supercharged
business models
of the future

 **TELUS** Business



**iPhone 6s, as powerful
4 x more powerful !**

\$32 millions in 1986



A global economy in turmoil

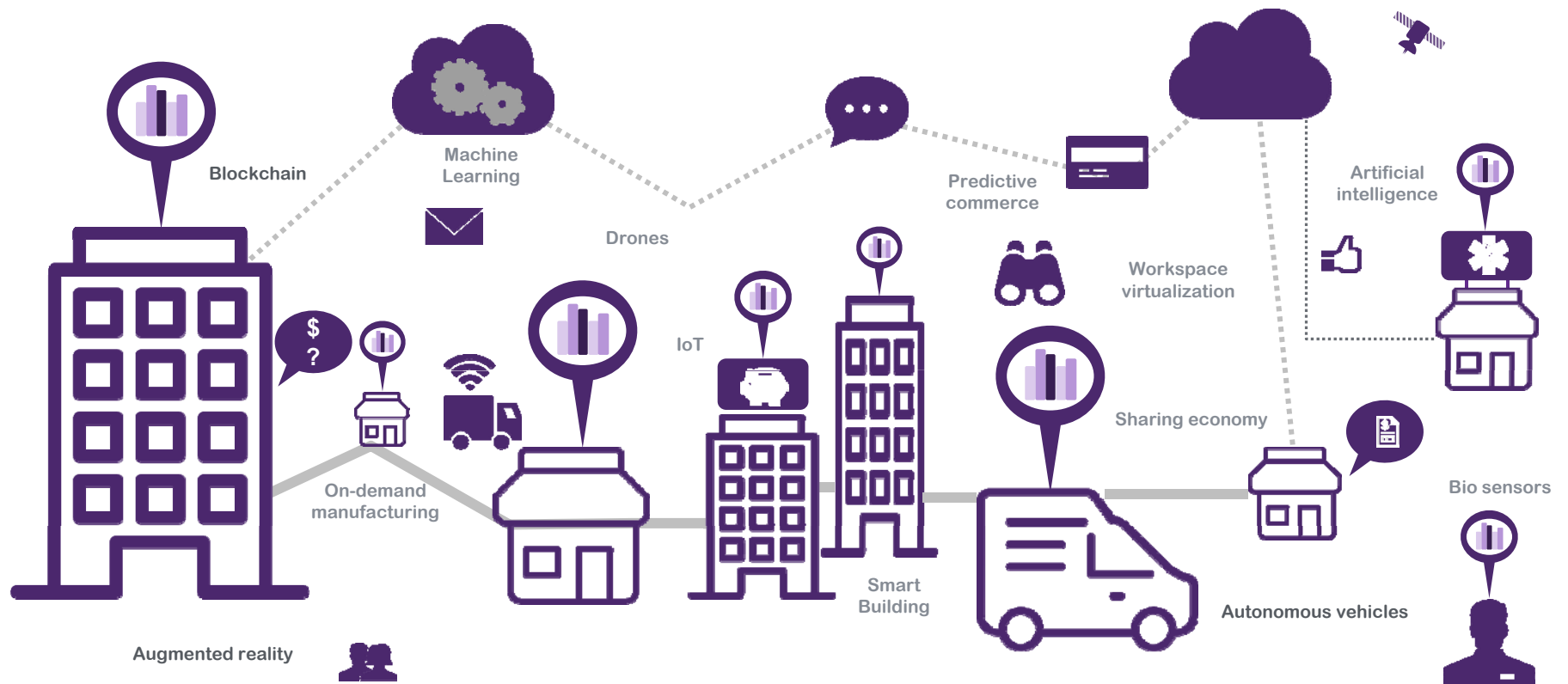


 Other
 Digital companies

Source:
 Bloomberg; 2018 valuations as of 1/18/18



Digital Transformation Buzz word bingo...



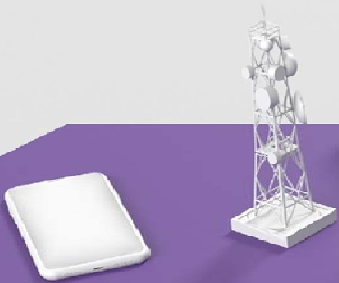
Everything and Everyone will be connected

5G, LTE, Fibre, xDSL, LAN, WLAN



5G

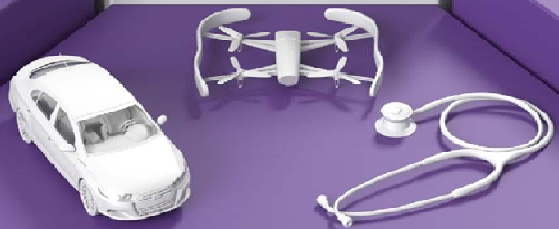
Enhanced mobile network



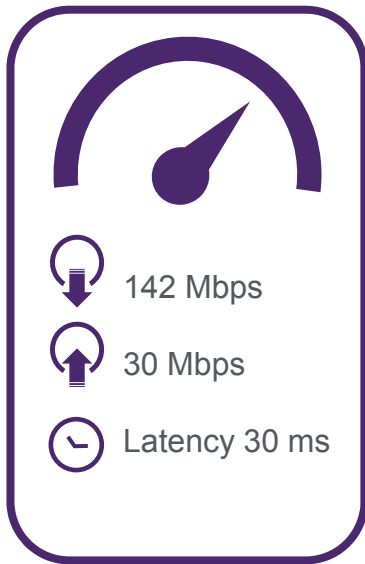
Wholesale adoption of IoT



Higher-performing essential services

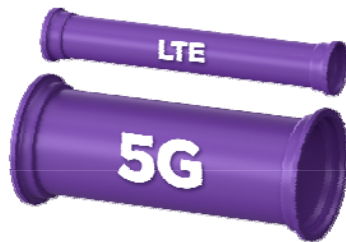


5G in laymen's terms



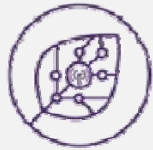
This morning

- Connexion throughput 100x superior to LTE networks
- Can achieve up to 10 Gbps, bandwidth capacity is no longer relevant...
- Latency ≤ 1 ms (60X to 120X faster than LTE)
- Massive connectivity and data volume 1 million connections/km²
- Optimized for low power consumption, 10% vs today



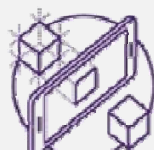
Latency = response time

Enables new services and use cases not possible with today's technology



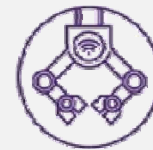
Massive machine type communications (mMTC)

- e-Health
- Environmental monitoring
- Transport and logistics
- Smart energy networks, agriculture and retail



Enhanced mobile broadband (eMBB)

- Faster connection speeds
- More connected devices
- Consumer devices with enhanced capabilities
- Virtual and augmented reality



Ultra-reliable and low latency communications (uRLLC)

- Drone delivery
- Vehicle-to-everything communication
- Autonomous monitoring
- Smart manufacturing



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Building drawings



Plumbing



Electrical



HVAC



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DETECTION

// PROGRESSION

RECHERCHE



RECHERCHE
TRANSITION

DETECTION API API POSITION FINAL



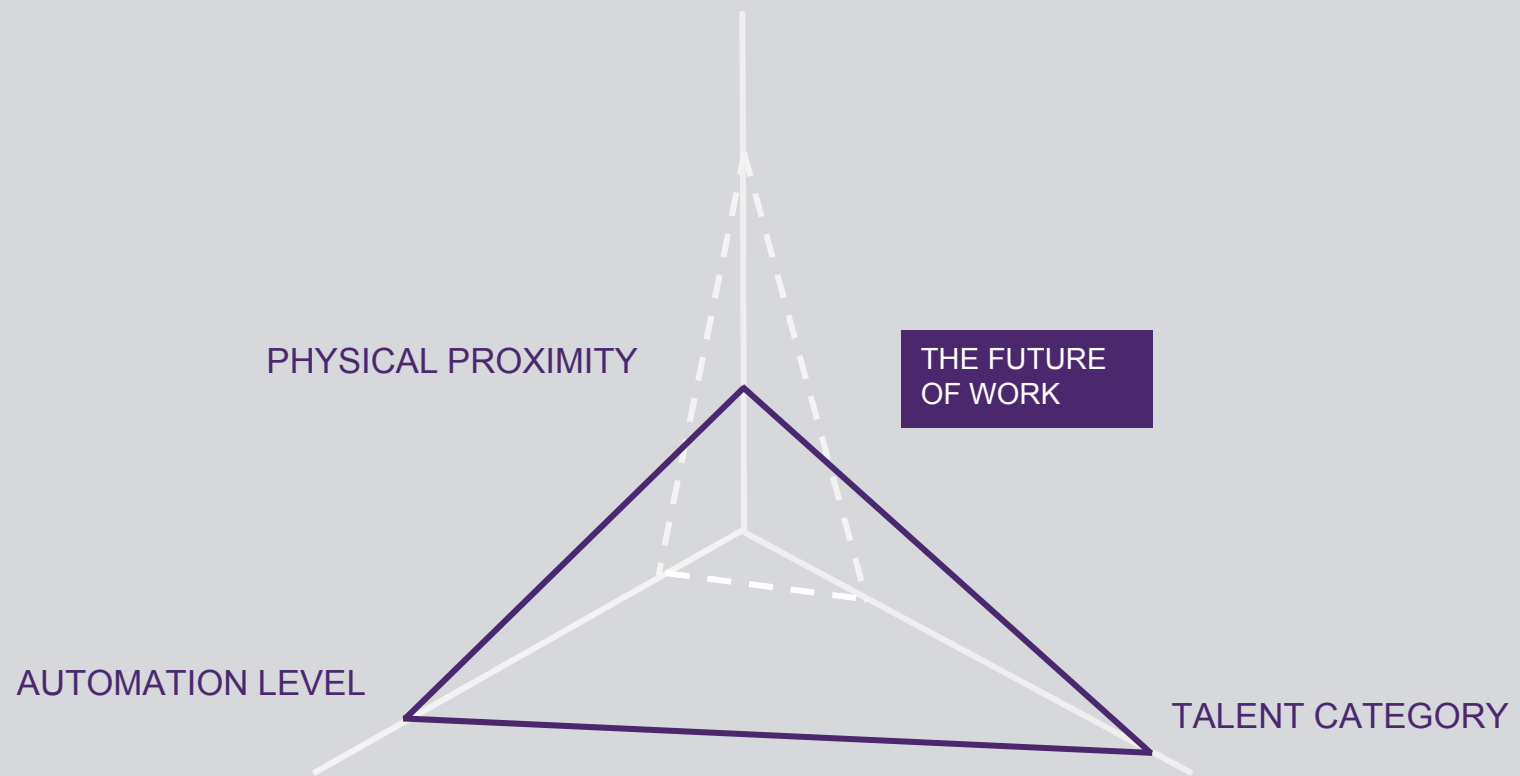
CAMERA



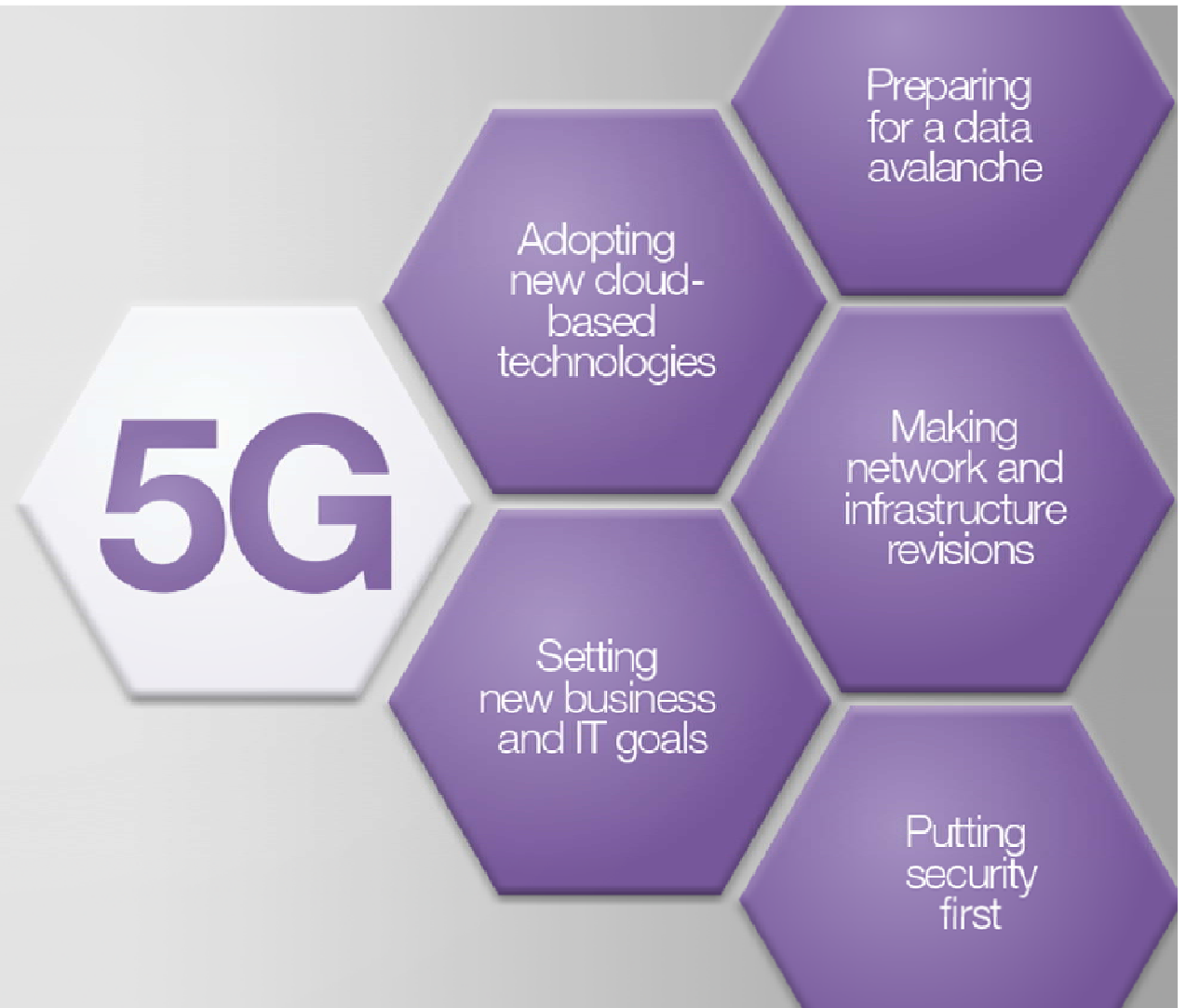
NEW REALITIES OF WORK

Automation & Artificial intelligence | Hyper-connected workplace
Unleashed workforce | Lifelong reinvention | New ethics | Think big and act small

 **TELUS** Business



What does this mean for CIOs?



5G

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