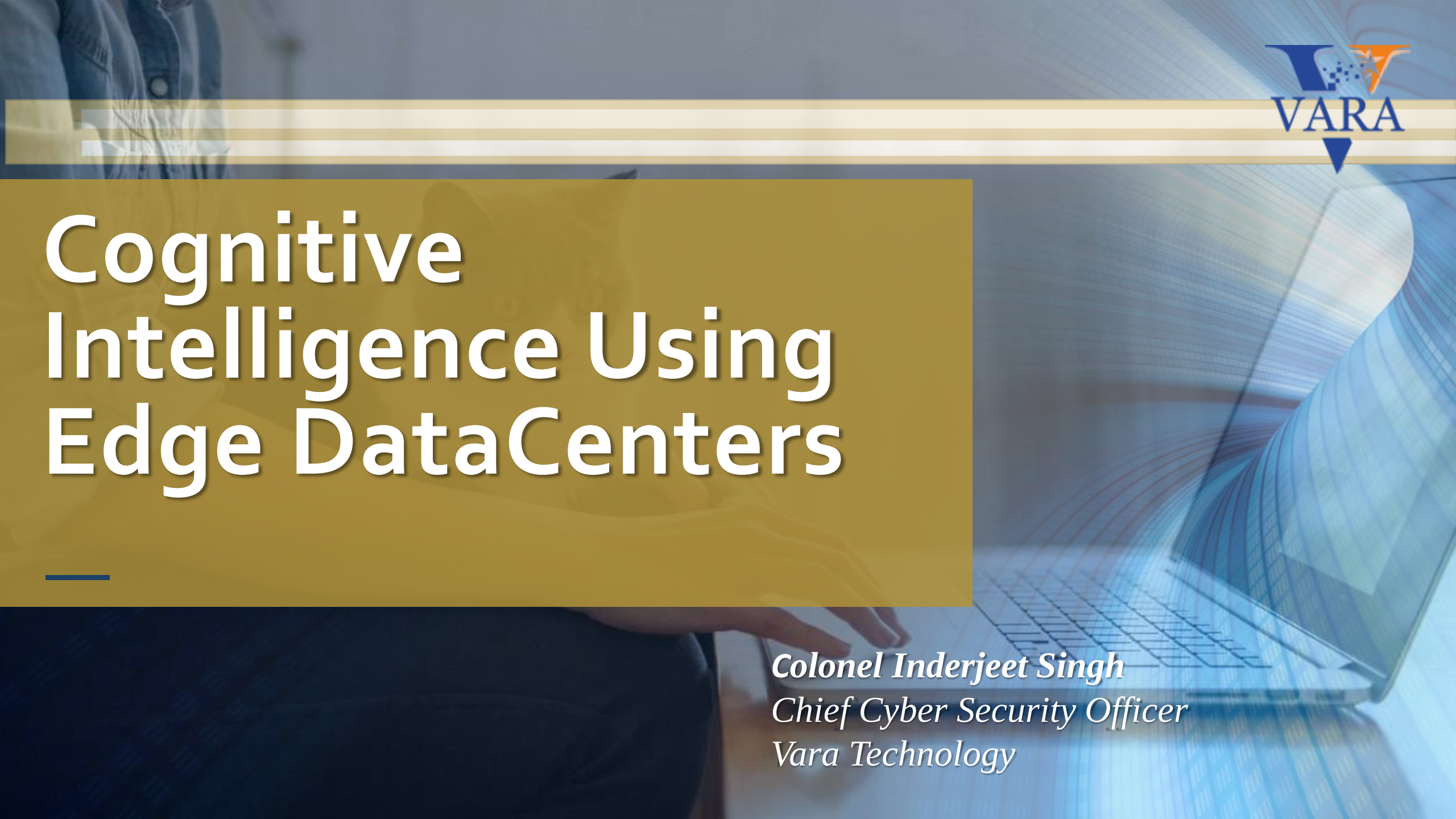
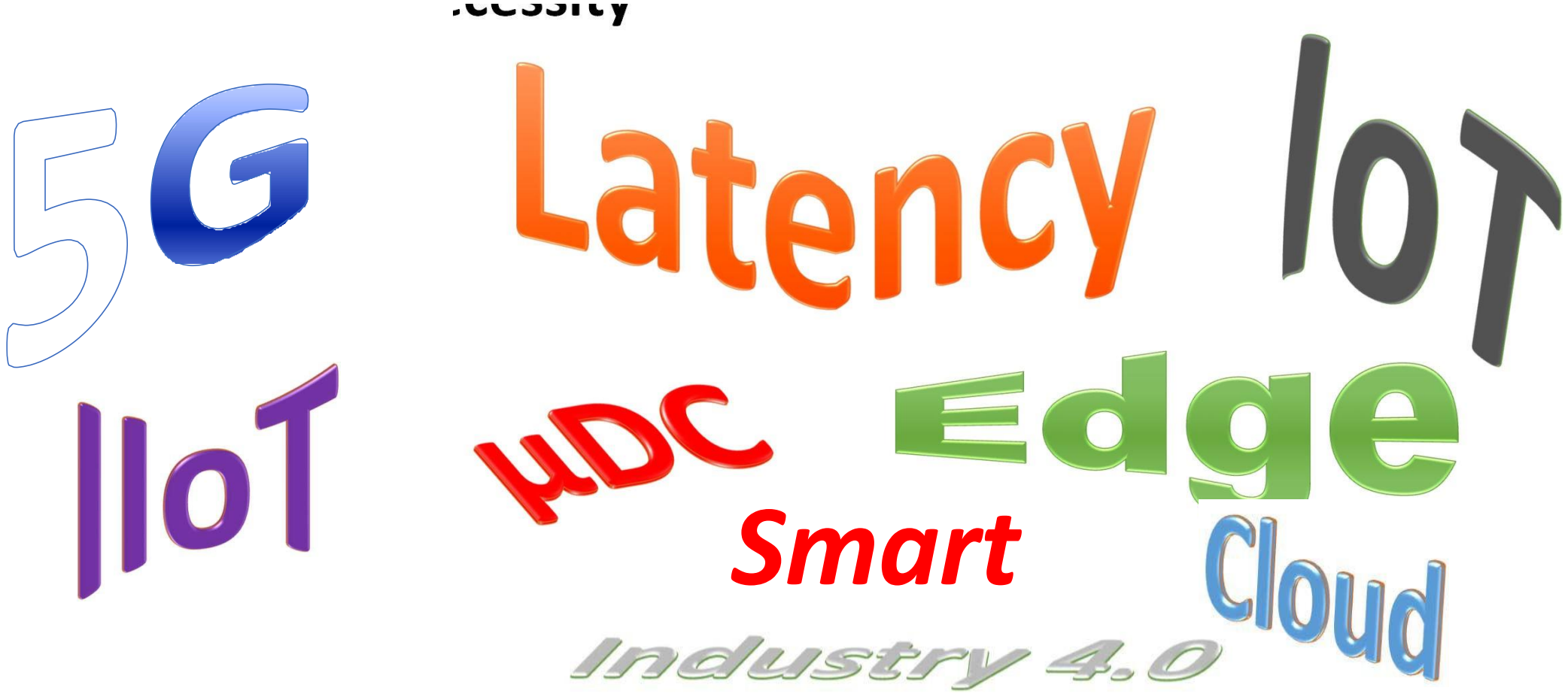


Cognitive Intelligence Using Edge DataCenters

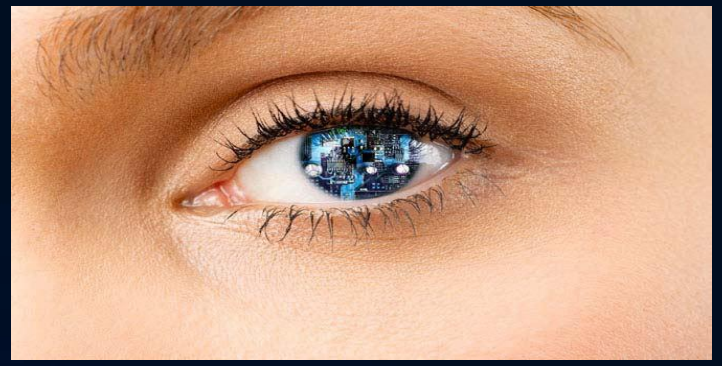
Colonel Inderjeet Singh
Chief Cyber Security Officer
Vara Technology

Buzzword to Necessity



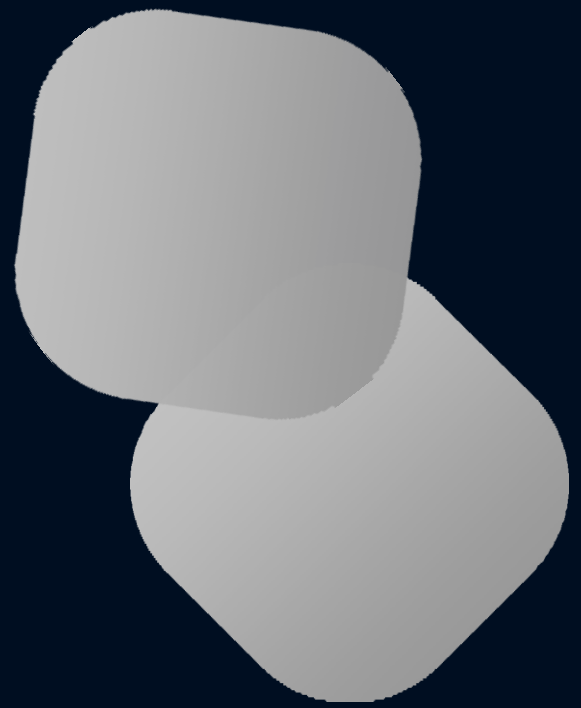
Fusion Of Our Physical, Digital & Biological Worlds

‘Humans will be biologically interconnected with the future technology, developing an interdependency and reliance on its outcomes’



GAME CHANGER

Digital is Changing How We Experience the Physical World



The Current Reality

OVER 88%

of Fortune 500 Firms in 1955 vs. 2020 are gone

67%

of CEOS

who participated in the IBM CEO study think that technological disruption is making them reassess strategic direction

Top 10 “unicorn” companies valued at

$1B OR MORE

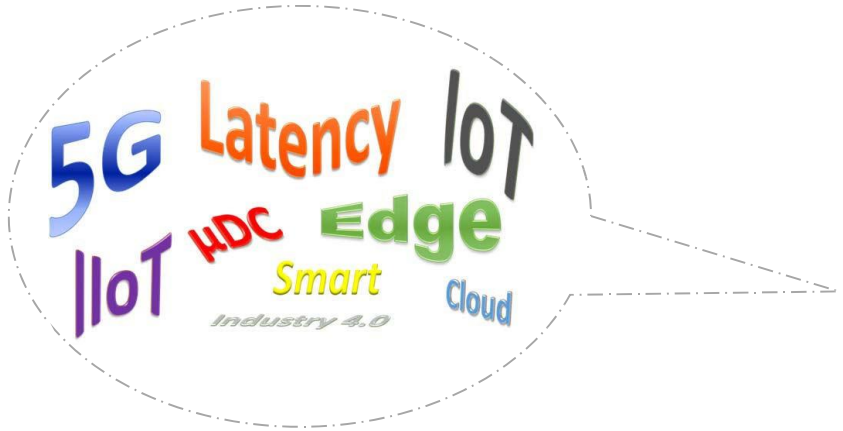
have reinvented the market: Uber, Xiaomi, Airbnb, Palantir, Didi Kuaidi, Snapchat, China Internet Plus, Flipkart, SpaceX, Pinterest

87%

of COMPANIES

think that digital transformation is a competitive opportunity

We use them, but do we really know what they mean?



Many people have their own idea of what an Edge DC is

- **Who is right and who is wrong?**
- **How do we actually define it?**
- **Can we actually define it?**

What drives the need for the edge?

01001100 01101111 01110100 01110011
00100000 01101111 01100110 00100000
01100100 01100001 01110100 01100001

Store, Process, Forward, React?

What do we do with the data?

Where is low latency “needed?”

FUTURE...

At work

At rest

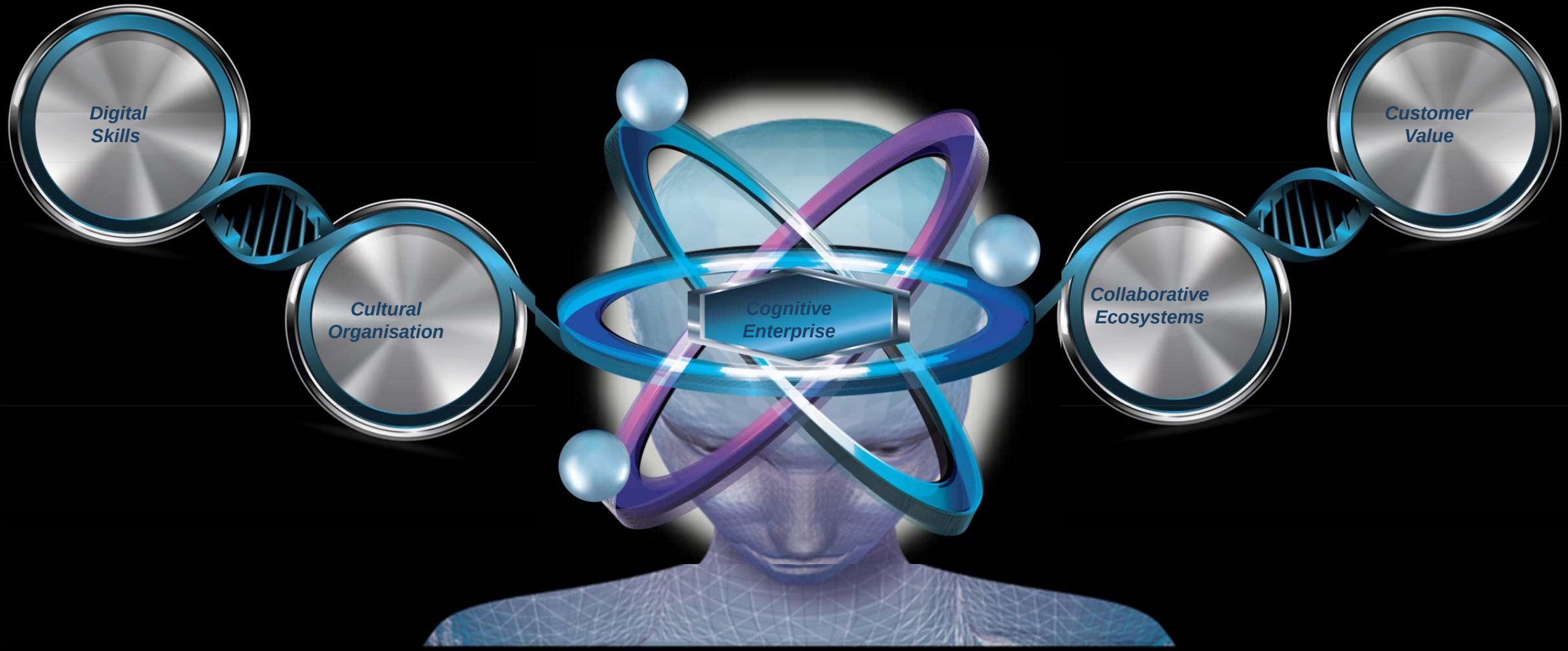
At play

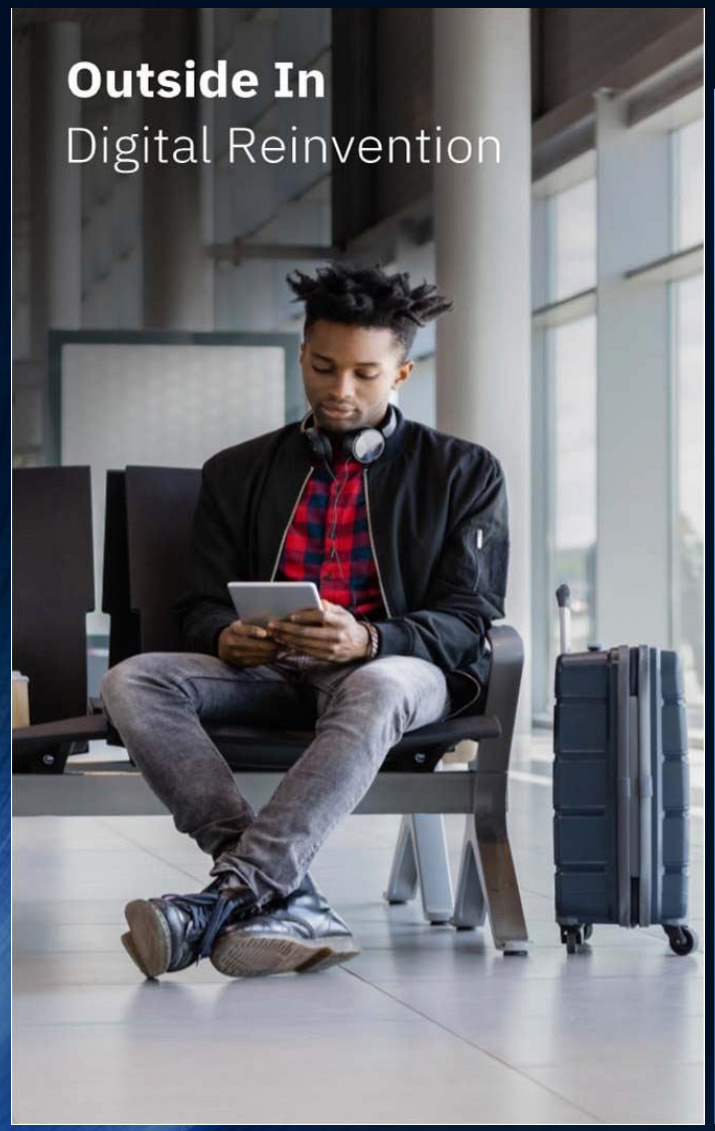
Life Safety / Health Monitoring

Predictive Machine Failure

Autonomous Vehicles

Fourth industrial revolution has 5 clearly defined digital reinvention points that all CXO's must address.





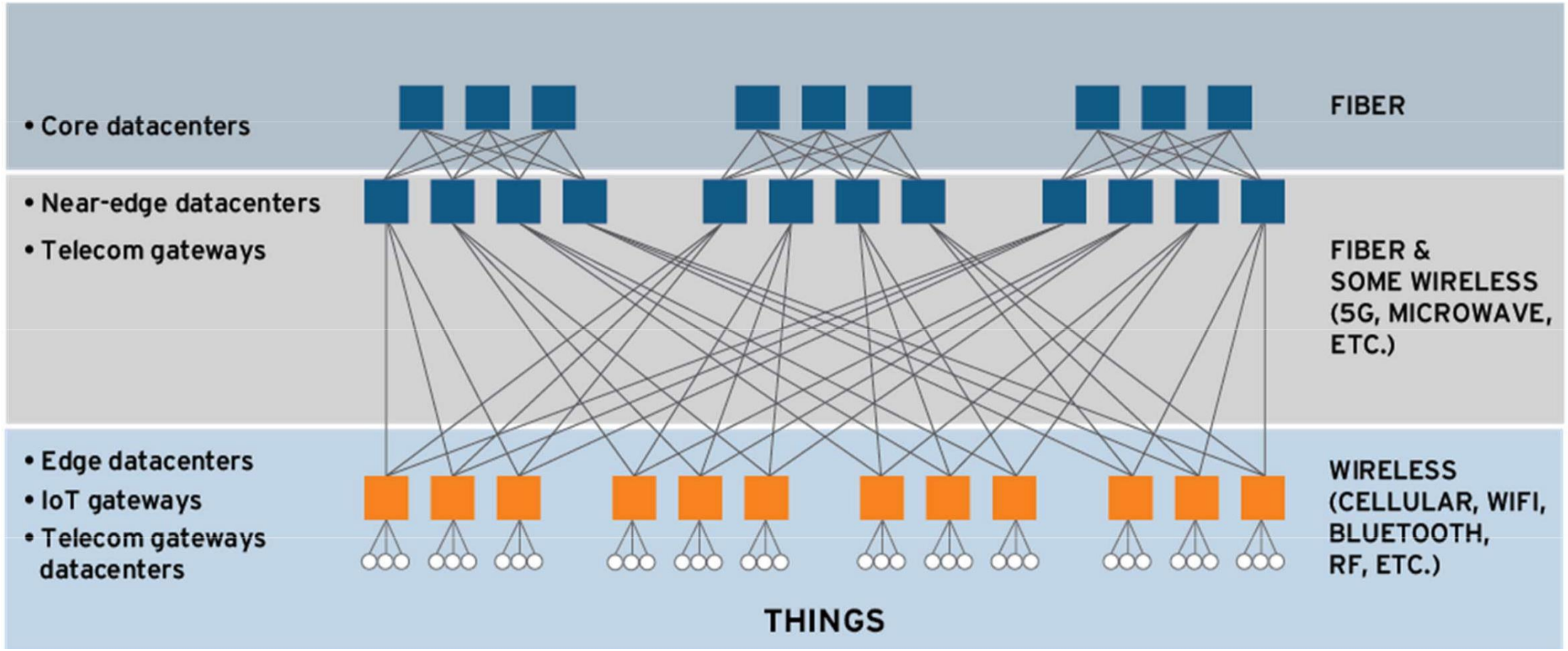
Cognitive Enterprise

Every Company is a Technology Company

Every Company is a Platform Company

Every Company is an Experience

Architectures, types, functions



Where to find Edge Data Centers

"The Edge of the Edge…"

What they look like

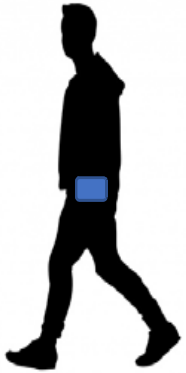
A dedicated data center or a functional area within

A micro data center within a building or tower shack

Mobile/Temporary

In the neighborhood

In the house



On our person

TODAY TOMMORROW BEYOND

Thank You

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