

Understanding Edge Computing



What Is Edge Computing?

It is part of a distributed computing topology where information processing is located close to the **edge** — the physical location where things and people connect with the networked digital world.



Digital business, IoT and immersive experiences are three mutually supporting trends driving **edge computing**.



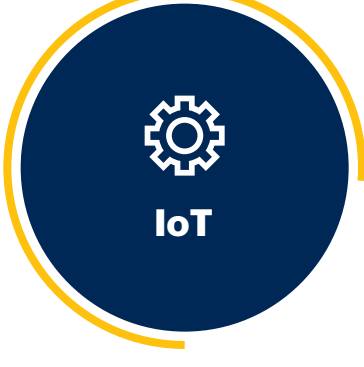
Digital Business

- New business designs, blurring physical and digital
- New business moments, real-time, transient
- New interactions between people, businesses, things



Immersive Experiences

- Technology intermediating and augmenting interactions
- Cultural, generational, consumerization of edge



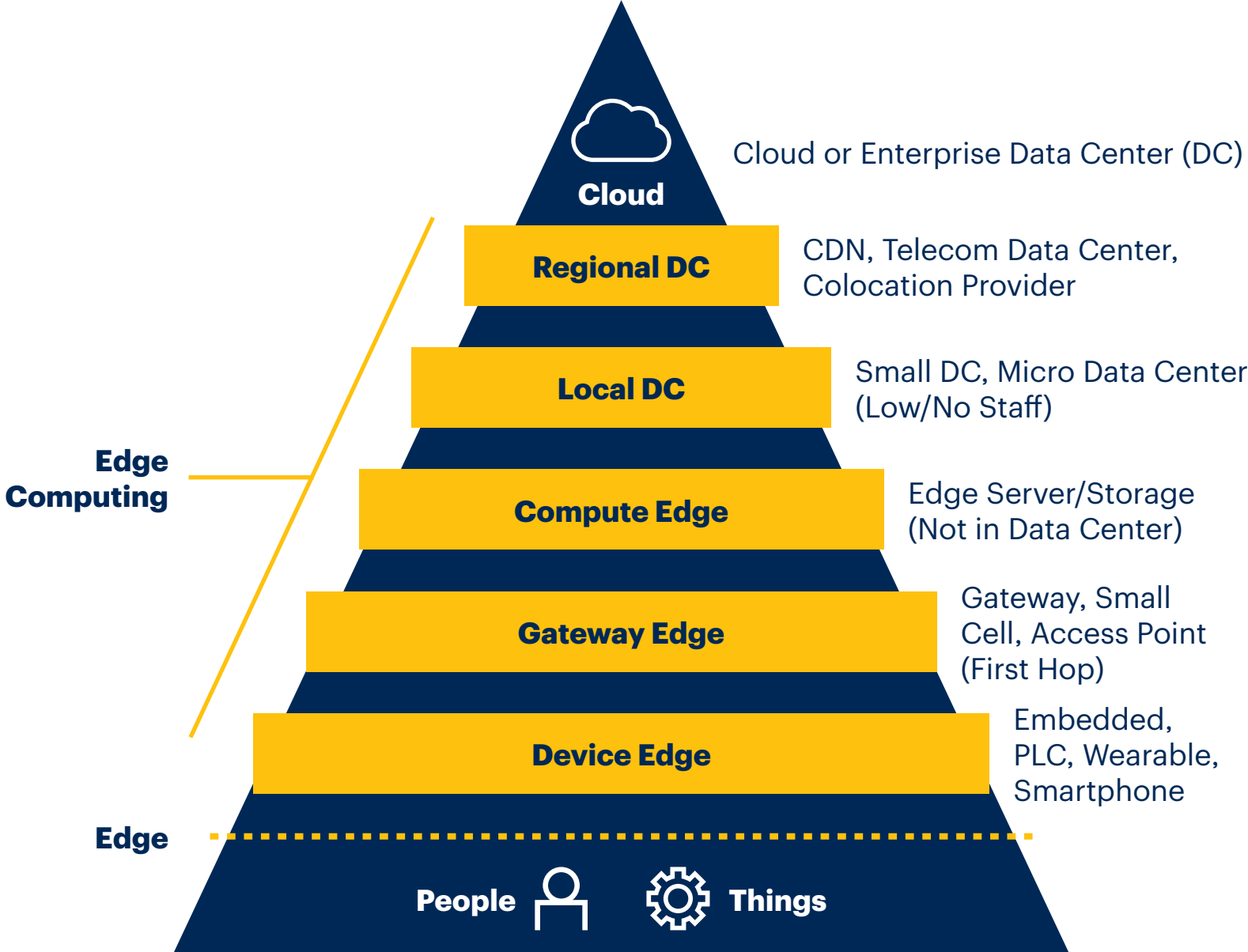
IoT

- 18B things (automotive and enterprise) by 2030
- Exponential data growth
- Majority of enterprise data outside of data centers by 2022



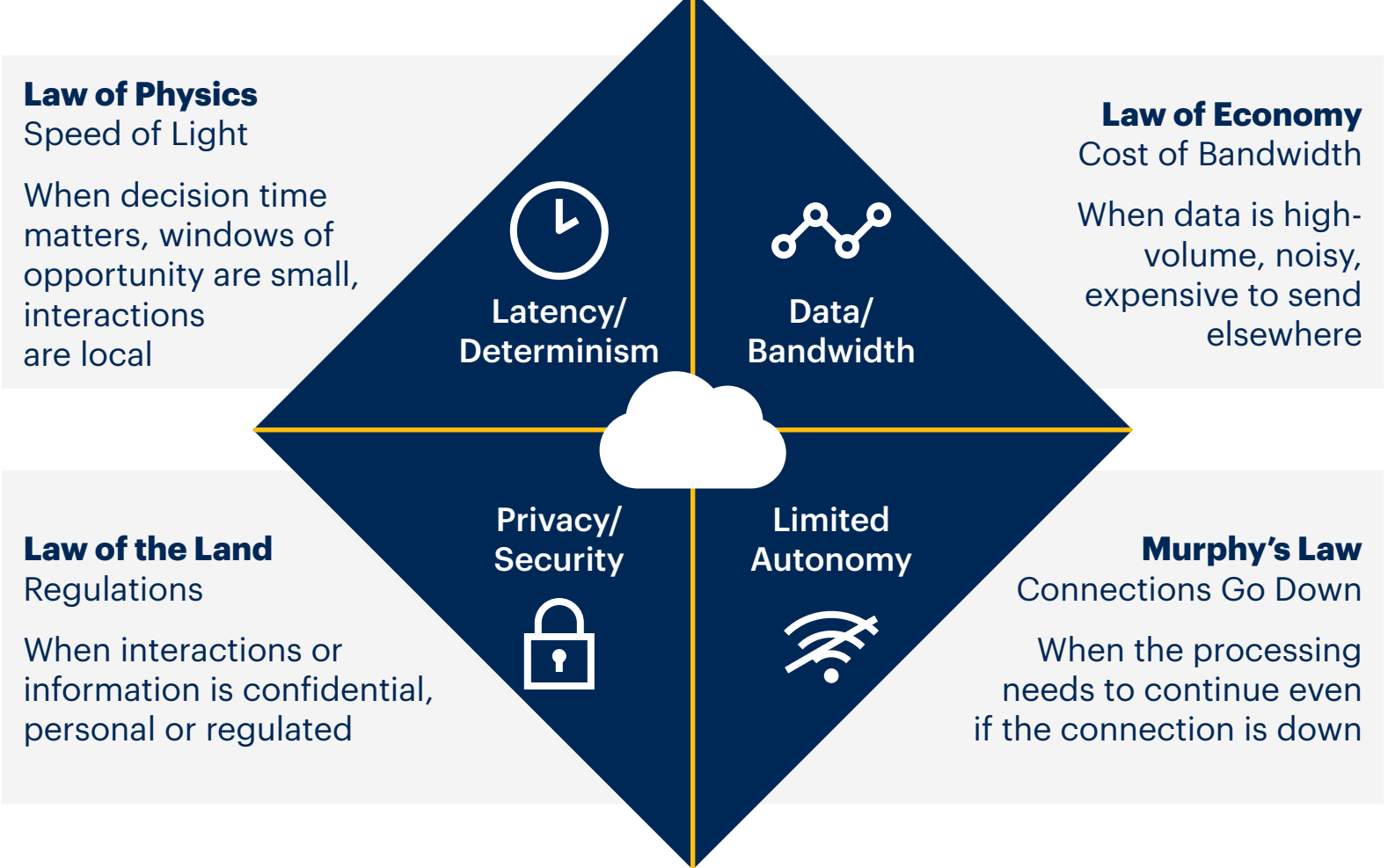
Where Is Edge Computing?

Edge computing has depth — and takes place on a continuum between the edge and the central “core.”



Why Edge Computing?

Unique workload and data characteristics push processing toward the edge.



How Is Edge Computing Used?

There are 12 categories (with examples): interactions between business, people, things.

