



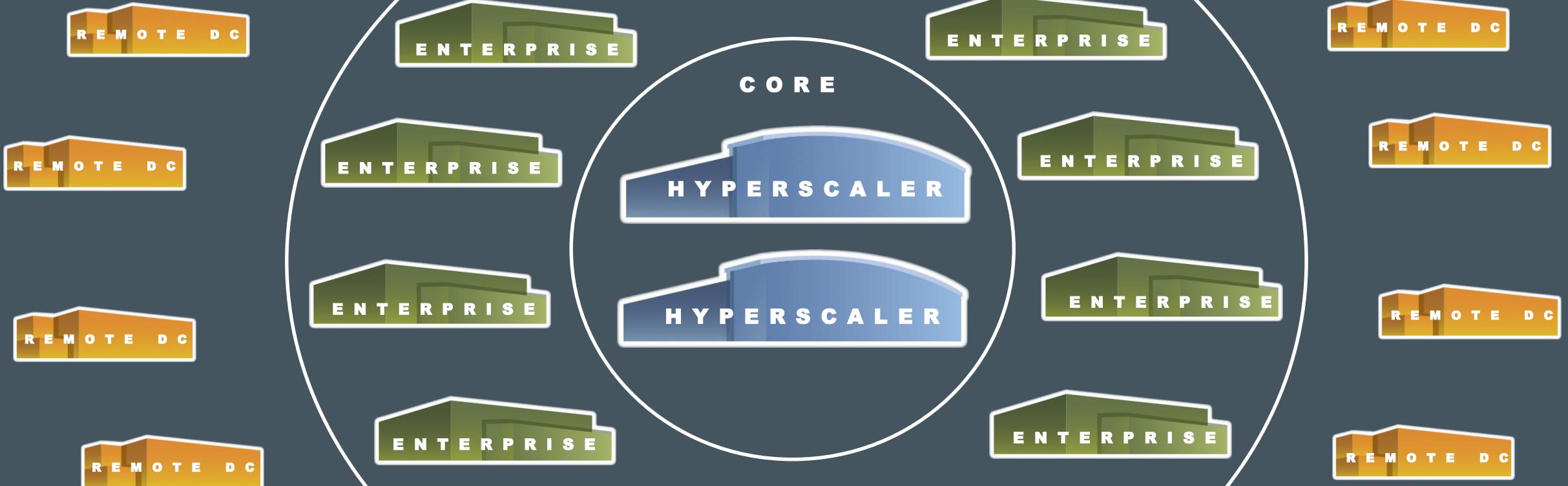
Compass Edge

The future of Edge

KEITH RUTLEDGE | JANUARY 2019

T O D A Y

R E G I O N



E D G E

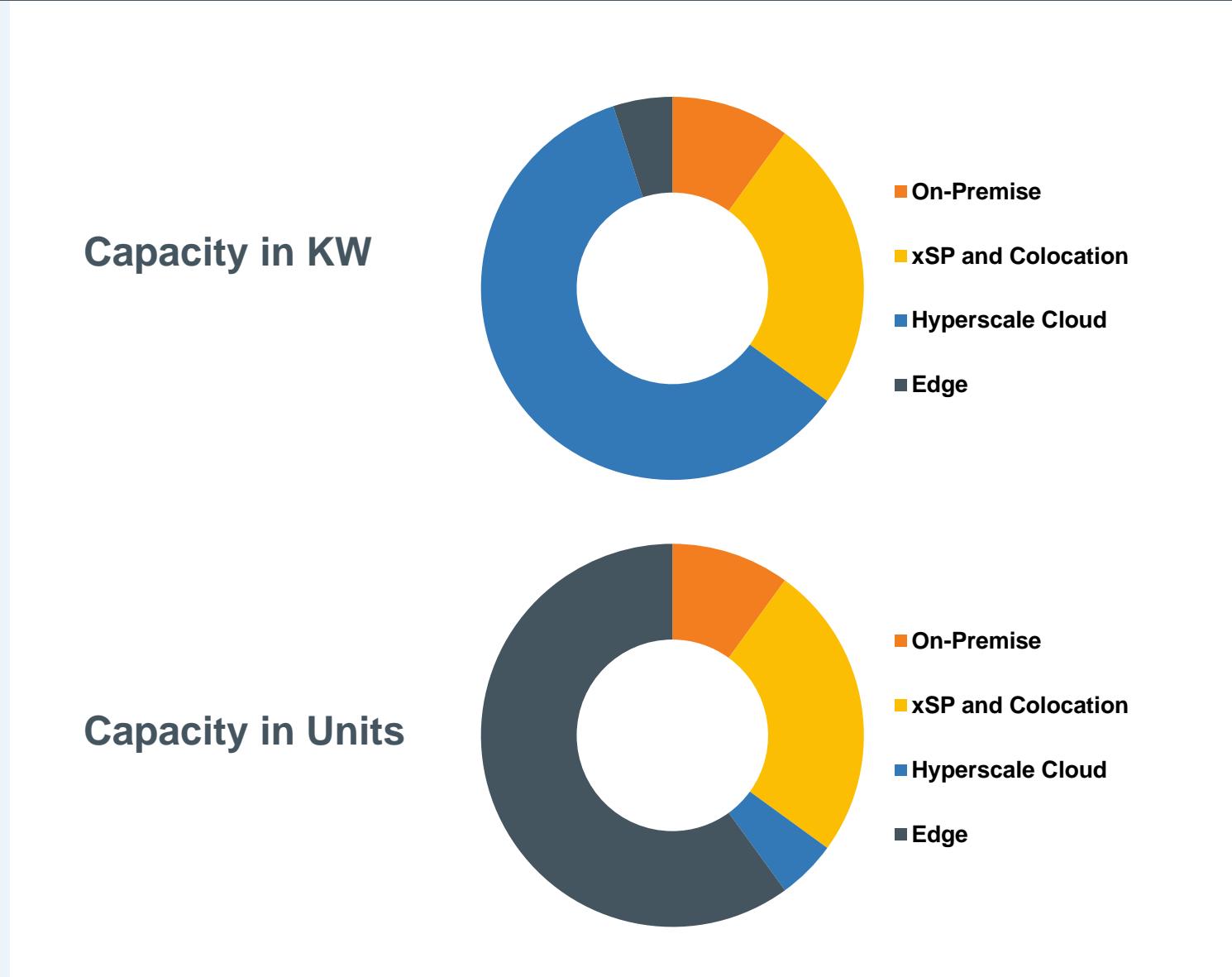
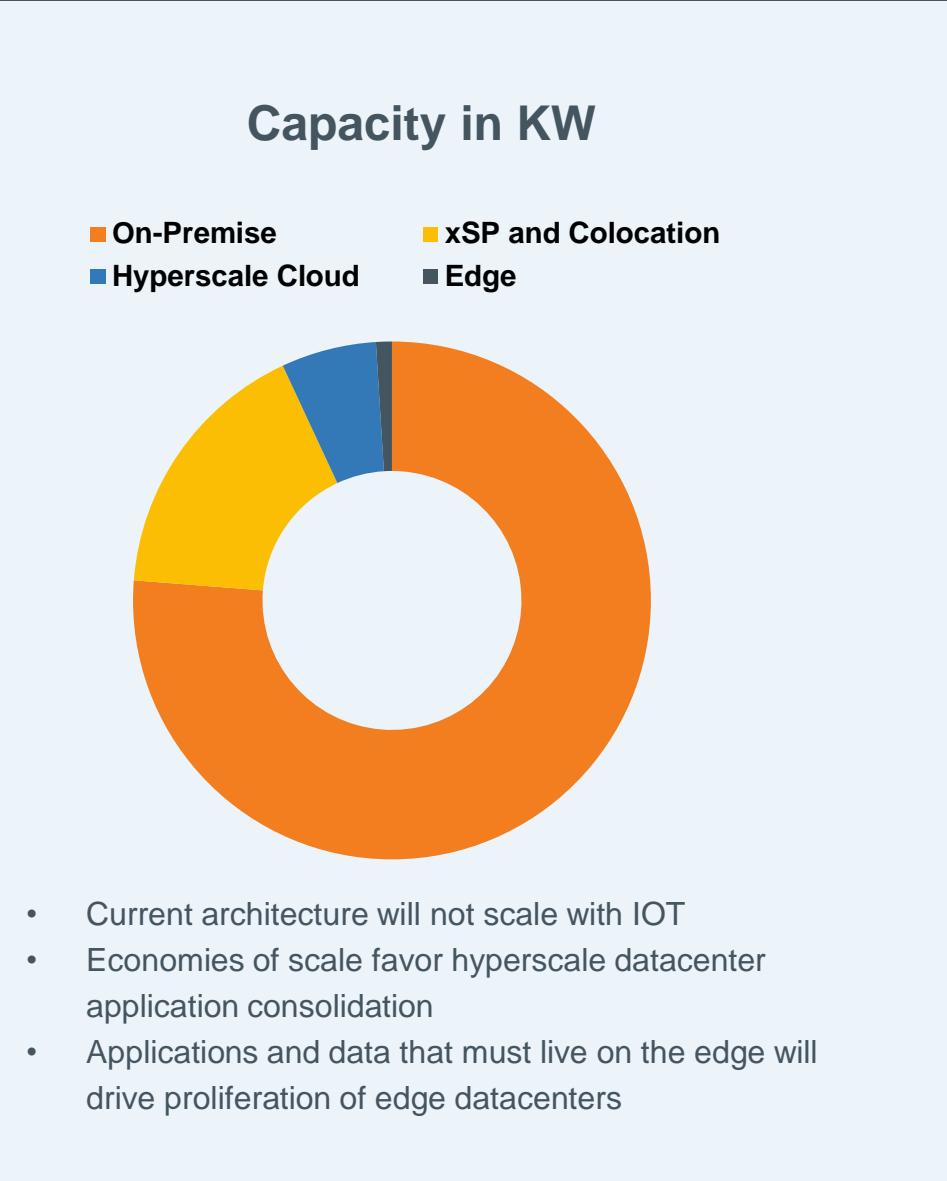
E D G E

TOMORROW



T O D A Y

T O M O R R O W



The Edge @ Scale

Hyperscale Datacenters

- Core datacenters
- Application economies of scale
- Personnel
- Real estate capital and expense
- Energy
- Agility

If it can be done in the core,
it will be done in the core.

Considerations:

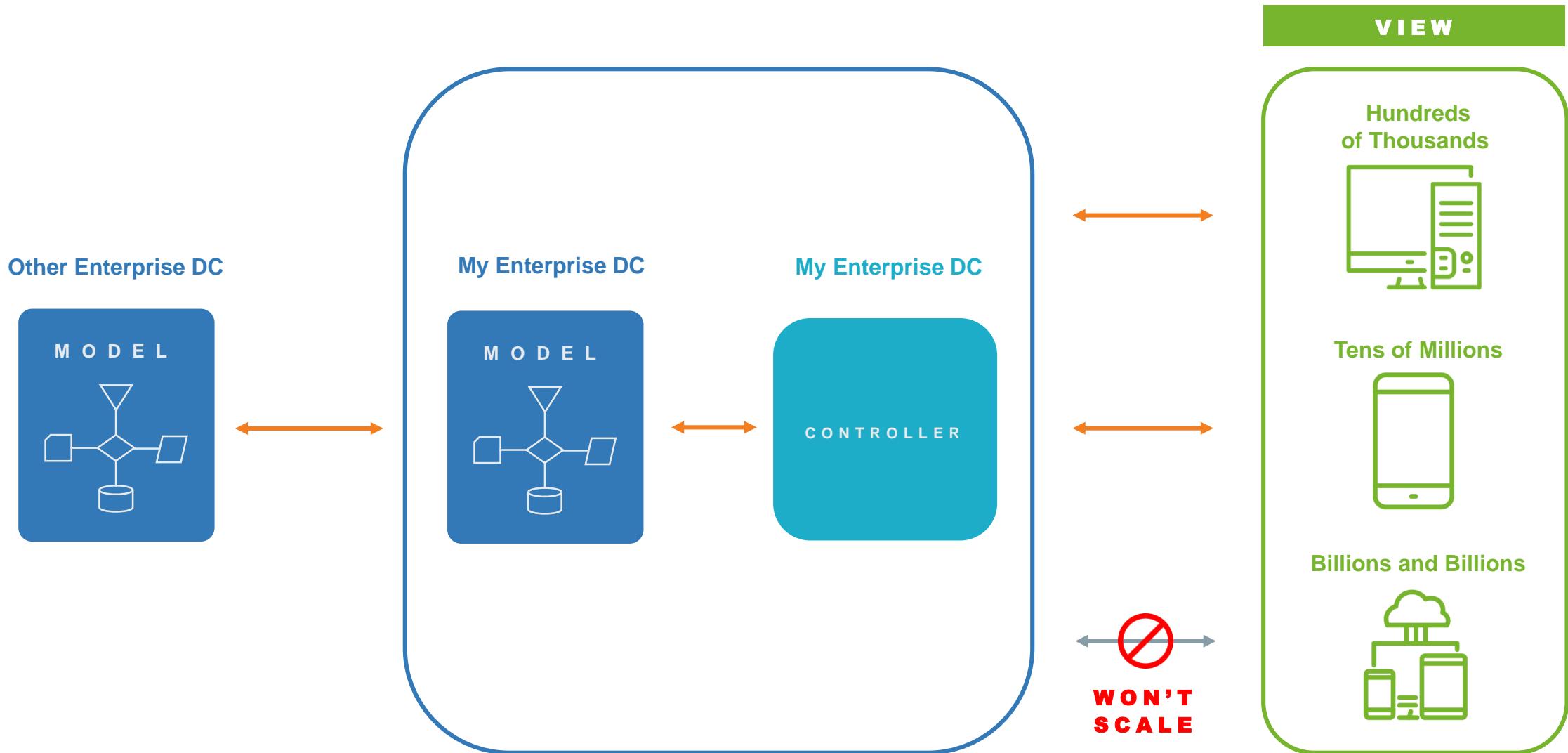
- IOT device scale
- Payload size vs communications bandwidth
- Ephemeral (app/data) vs permanent recording requirements
- Rendering (visuals, content) vs communications bandwidth
- ACID requirements

Edge Datacenters

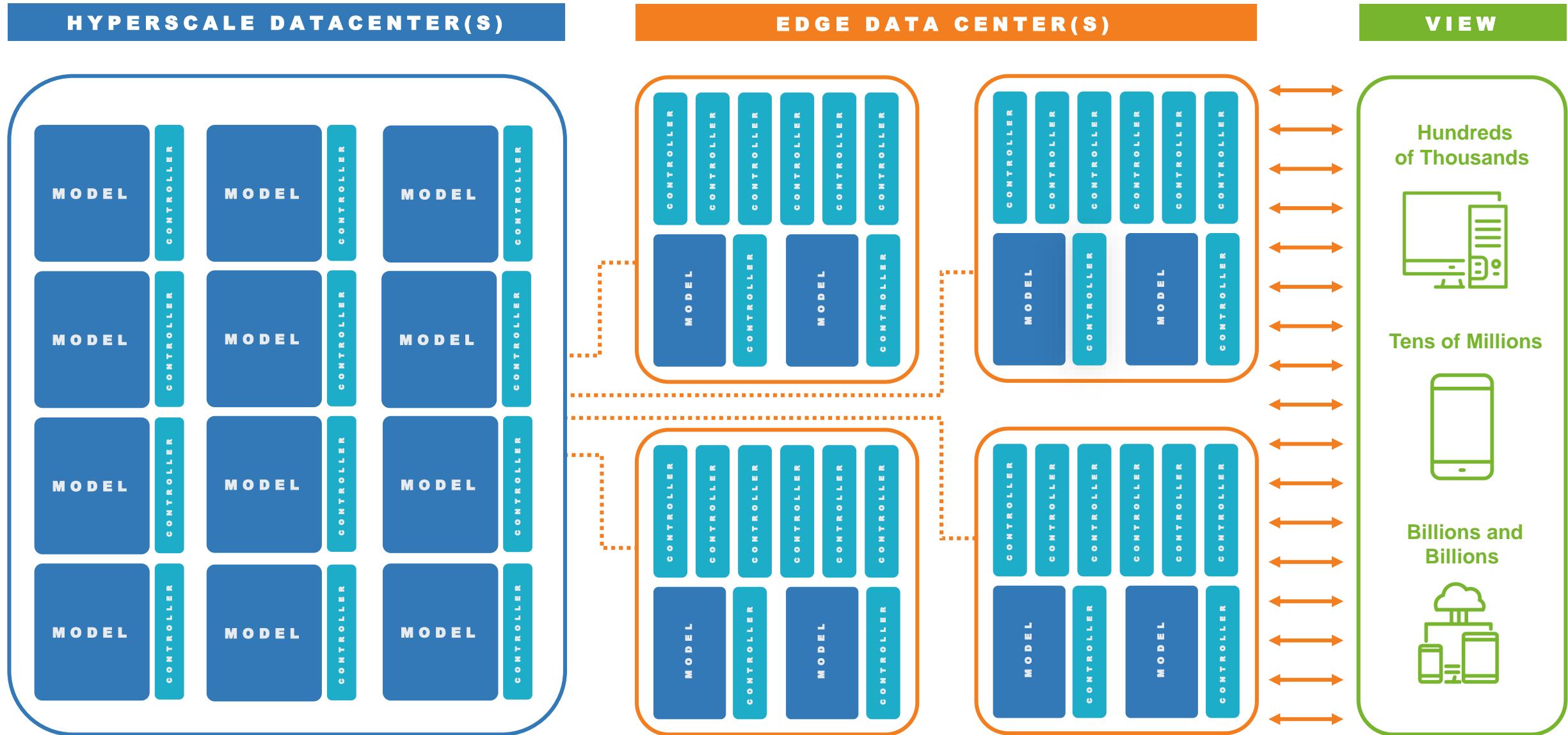
- Edge datacenters
- IOT scale computing
- Ephemeral data
- Caching & rendering
- Distributed resiliency
- Required localism
 - Statutory
 - Latency

What's done at the Edge,
can only be done at the Edge.

The Edge @ Scale: Today



The Edge @ Scale: Tomorrow



Economics always Wins