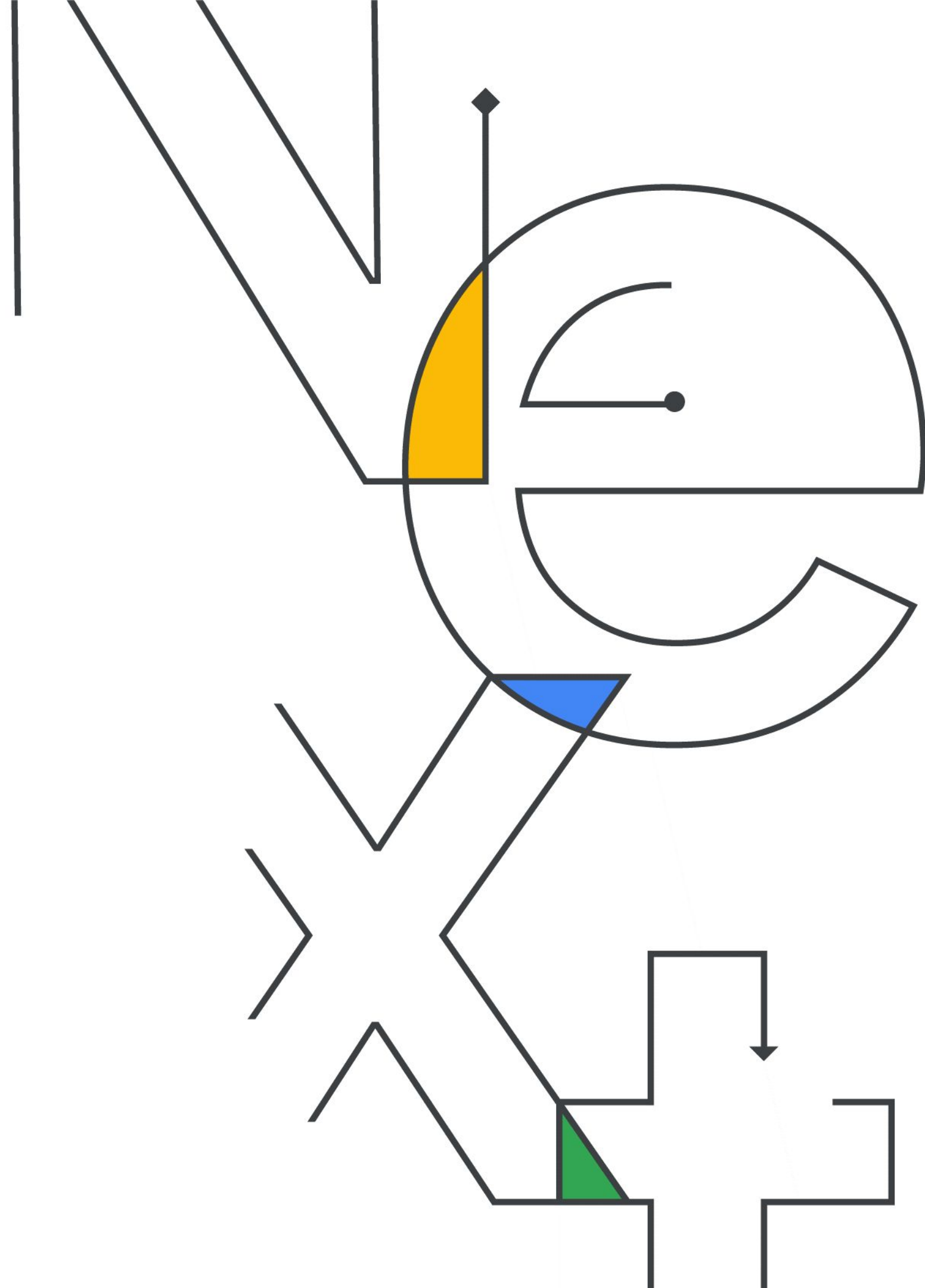


Google Cloud

Next '22

Modernize your data
center & accelerate
your edge with Google
Distributed Cloud

Oct/
11-13





Brad Bonnet

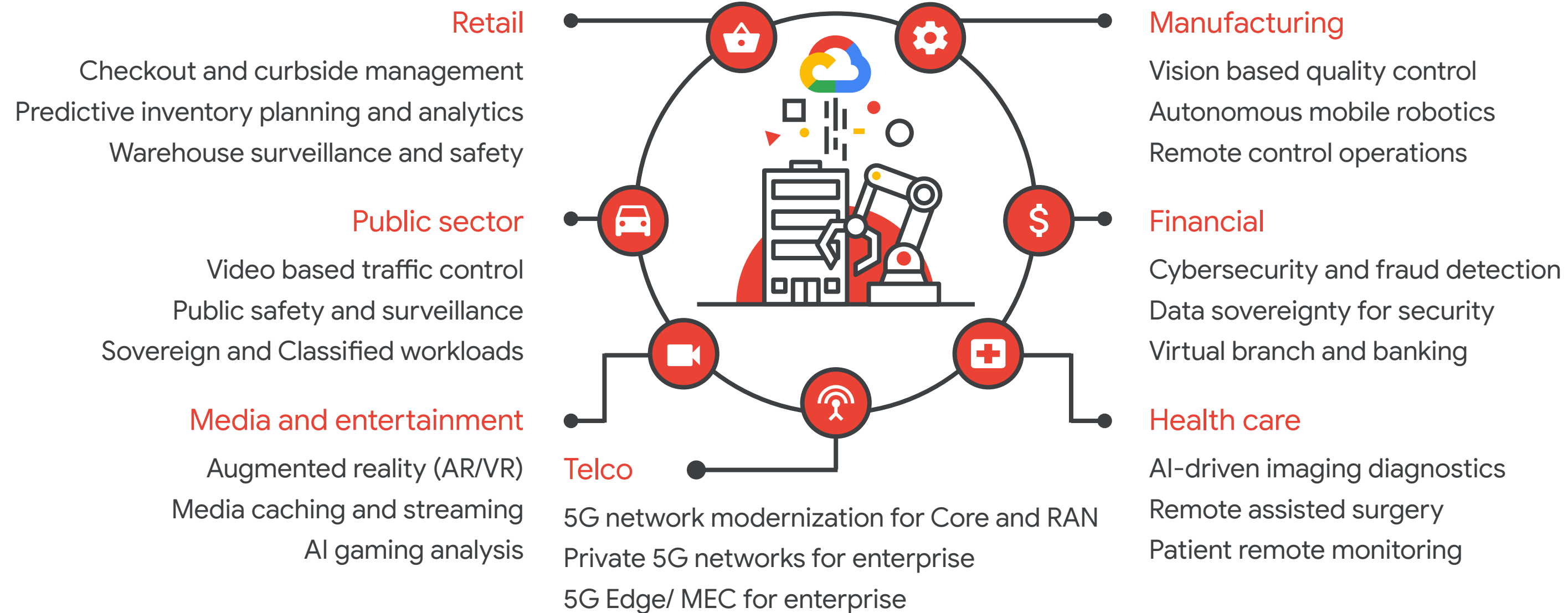
Sr. Director of PM, Google
Distributed Cloud
Google Cloud




Rohan Grover

Director of GDC OPM
Google Cloud

Today, new industry use cases are driving demand for distributed cloud



Organizations want a cloud operating model everywhere...

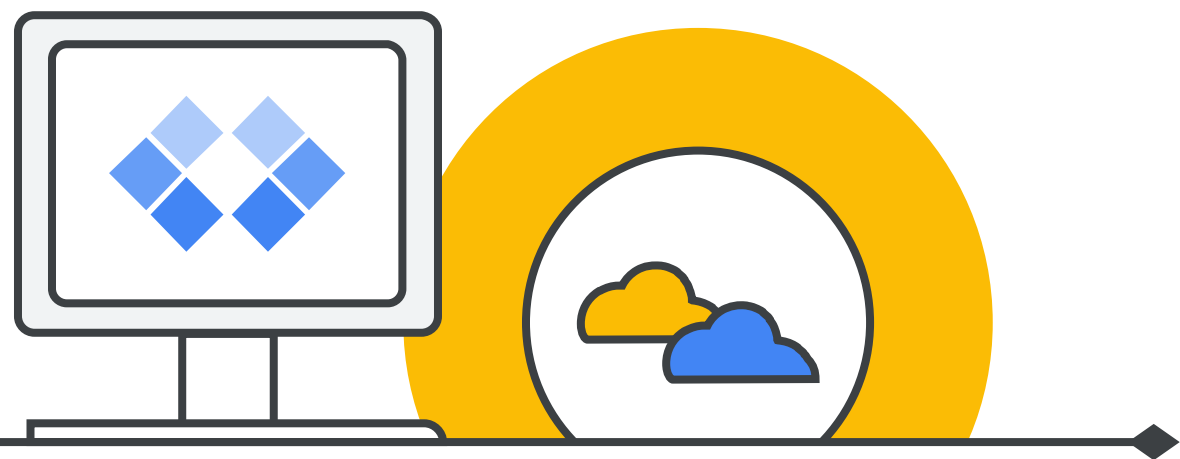


Organizations are increasingly **deploying infrastructure in edge locations** and are concerned with **security, governance and the ability to manage at scale.**

Complexity only increases across edges, sites, and clouds due to **disparate control planes** and generations of **legacy apps, data, and infrastructure**

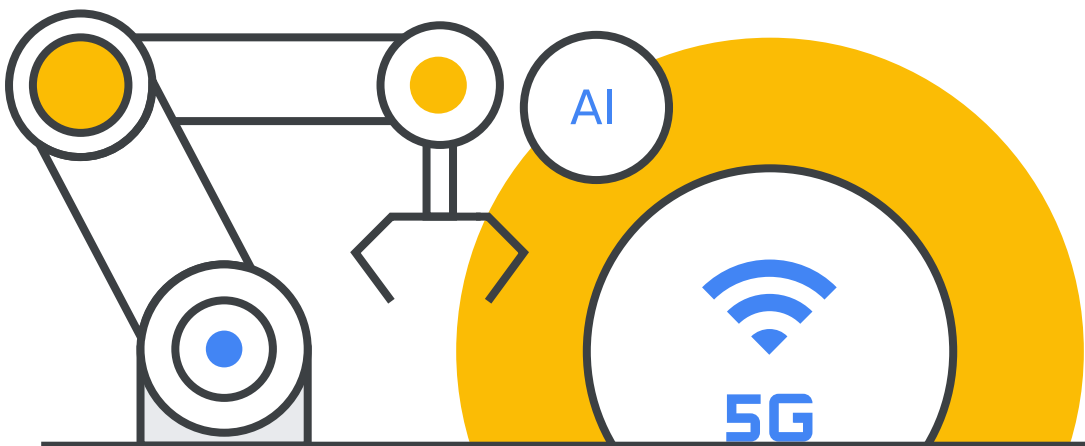
...but it's plagued with **challenges**

An extension of Google Cloud anywhere **you** choose



Google Cloud

Empowers faster solution development, smarter business decisions, and connects people anywhere



Google Distributed Cloud

Extends Google Cloud's infrastructure and services to the edge and into your data centers



Powered by Anthos

Common control plane

Container orchestration and management

Policy and security automation

Operations and services management

Google Distributed Cloud

Bringing Google technology to where you need it most



Flexible by design

Based on an open source foundation and a **vibrant partner ecosystem**, Google Distributed Cloud gives customers **flexible solution, operations, and form factor options** to meet their unique needs



Built in intelligence

We bring leading cloud services like AI and ML to where the data is being generated and consumed so customers can **harness real-time insights** across deployments



Secure by default

Scale with confidence using the **best of Google security** across edge, devices, and our planet-scale network from the simplest to the most sensitive workloads

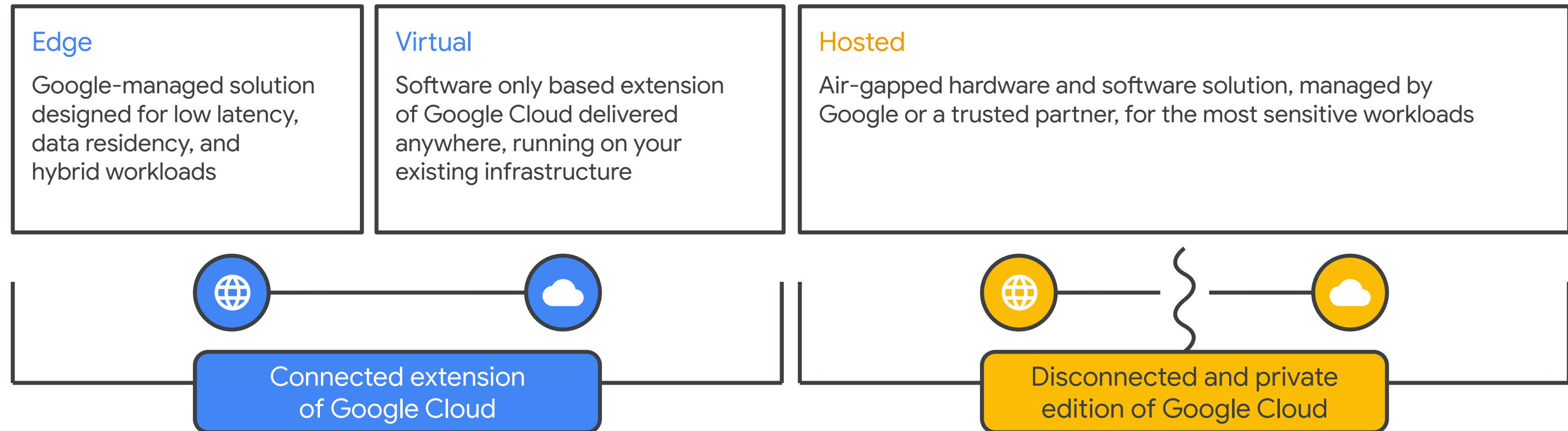


Consistency at scale

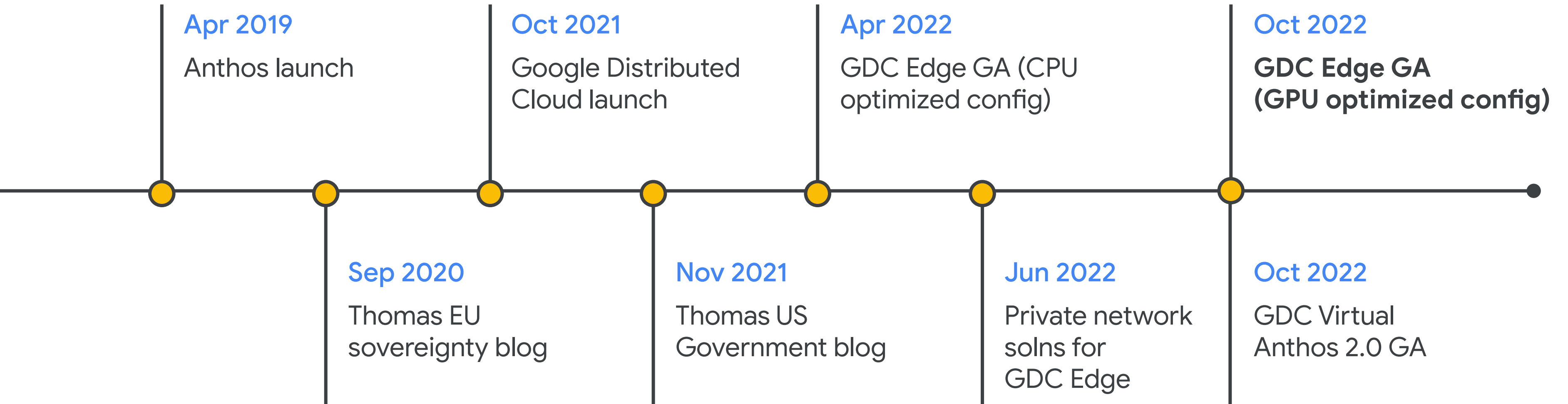
Google's distributed cloud is powered by Anthos, a cloud-backed control plane that provides a **common experience** for developers and SREs across any heterogeneous environment

Google Distributed Cloud

Offers designed for greater choice and customization based on your unique needs



Google Distributed Cloud's journey so far...



Google Distributed Cloud Services

Accelerated by Open Source

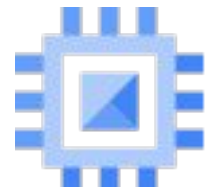
Portability & sovereignty

Google Technologies



Vertex AI

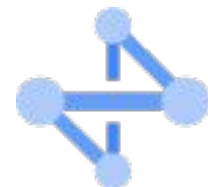
- OCR
- Speech-to-Text
- Translate
- Workbench
- ...more



VMs



GKE



Networking



Security



Managed DBs

- PostgreSQL
- Oracle
- ...more

Open source & partner ecosystem



redis



mongoDB®



CONFLUENT



DATASTAX

... and more

Open source foundation



Kubernetes



Istio



KubeVirt



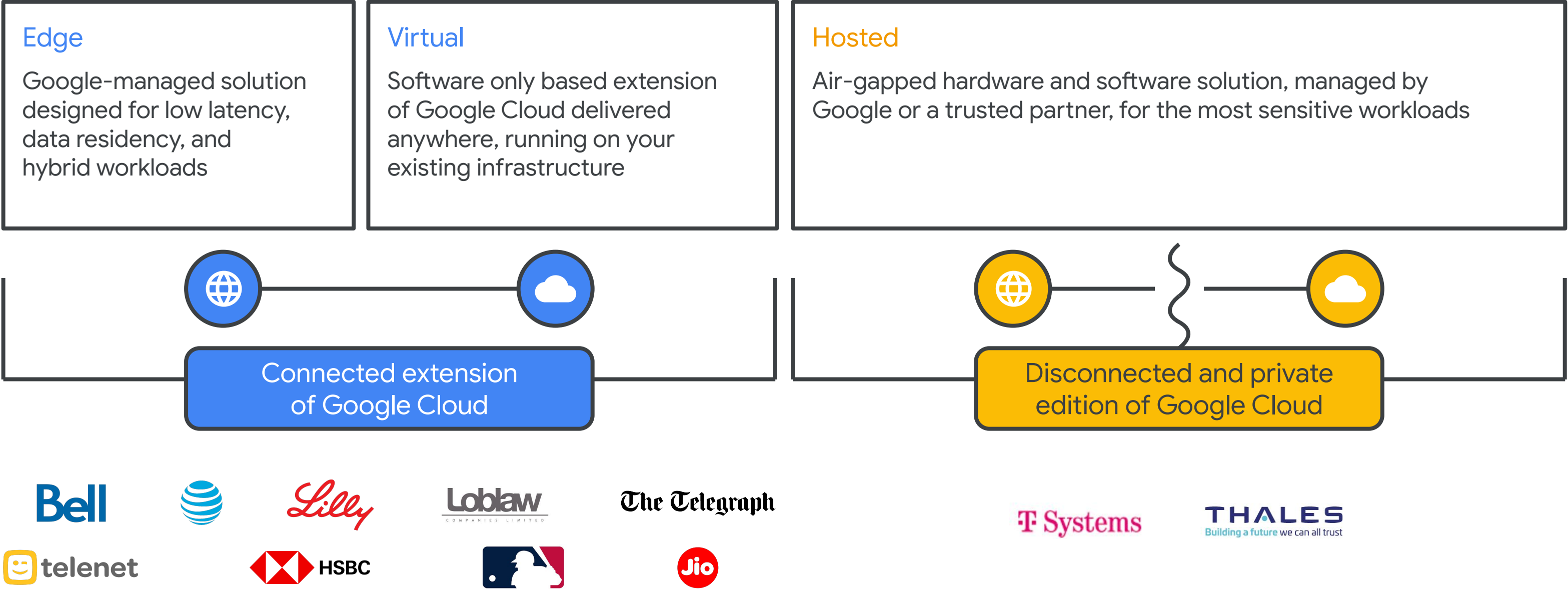
Open Policy Agent



Prometheus

Google Distributed Cloud

Offers designed for greater choice and customization based on your unique needs



Increasing employee safety

Increase warehouse safety of employees near moving forklifts reducing risk of injury and/or potential death

Pilot 10 sites over 9 months

Objective – 50% reduction in safety risk exposures, 70% stretch goal
Achieved – 83% reduction in employees risk exposures during the pilot

Now production at 29 major sites achieving a
98% reduction in safety risk exposures



The scary truth

90%

of safety incidents are a
direct result of behavior



To learn more

01

Infrastructure keynote - [Session MOD105](#)

02

5G in the enterprise - [Session MOD204](#)

03

Anthos updates - [Session MOD208](#)

04

Refer to learn more
[@cloud.google.com/distributed-cloud](https://cloud.google.com/distributed-cloud)



Thank you

Google Cloud

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