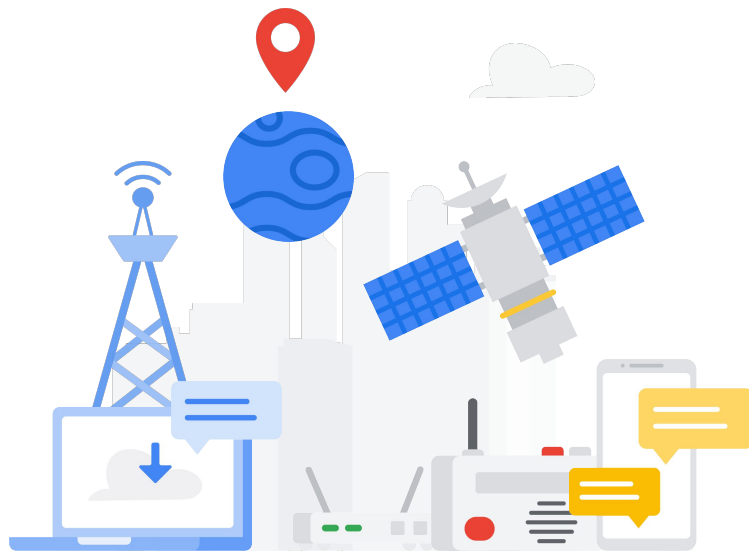




Cloudification of the Telecom Networks

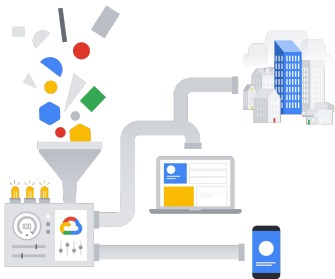
Sunay Tripathi

*Director, Head Telecommunications and
Google Distributed Cloud Edge (GDC-E)*



Edge computing delivers more than just latency for application

A topology and design infused with technology to deliver new applications rapidly



Control costs of operations

Reduce bits/mile costs, avoid server and network capital spend, and improve operations

- Backhaul costs in cloud egress & carrier
- AI/ML DataOps for real-time intelligence
- Cloud-provider OpEx economics

Transform customer experience

Leverage local compute, AI and automation to drive differentiation at the service/applications level

- Low-latency network and edge computing
- Automation using predictive AI
- Critical apps availability with network outages

Drive new business models

TTM advantages for new revenue streams using industry 4.0 business models

- Anthos open platform across hybrid clouds
- Consistent app development and CI/CD
- Integrated operations and data science

Ensure security and compliance

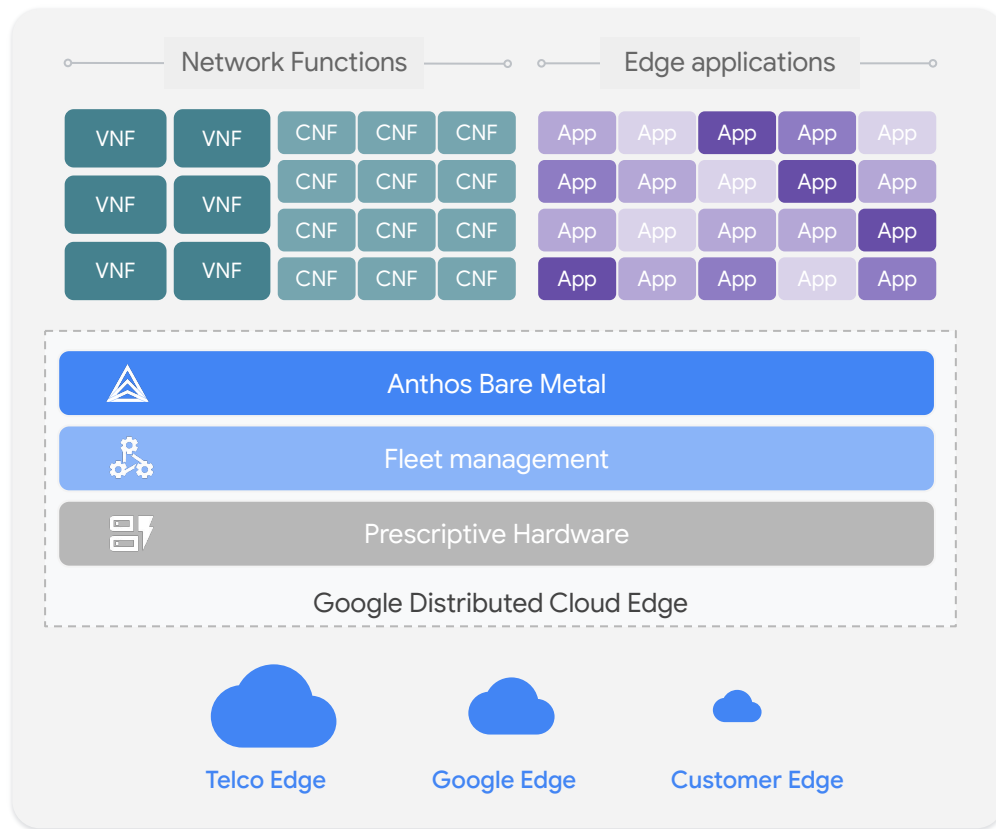
Ensure end-to-end network, application and data privacy and sovereignty

- Google practices in security and SRE
- Data sovereignty and regulatory boundaries
- PII compliance, keeping data on-premise

GDC Edge Platform

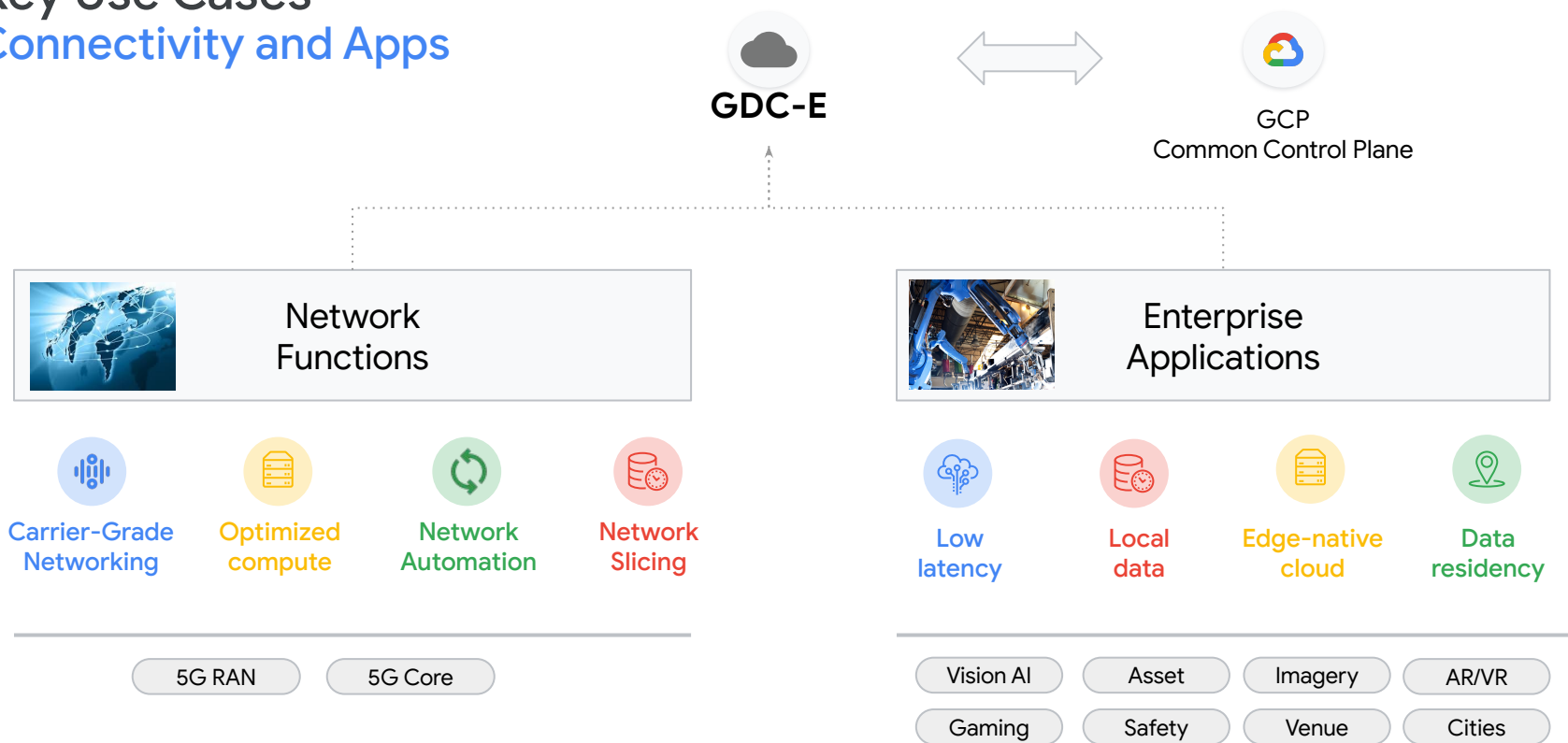


Leveraging the best of Google
Cloud towards a foundation for
**Network Modernization &
Edge Monetization**

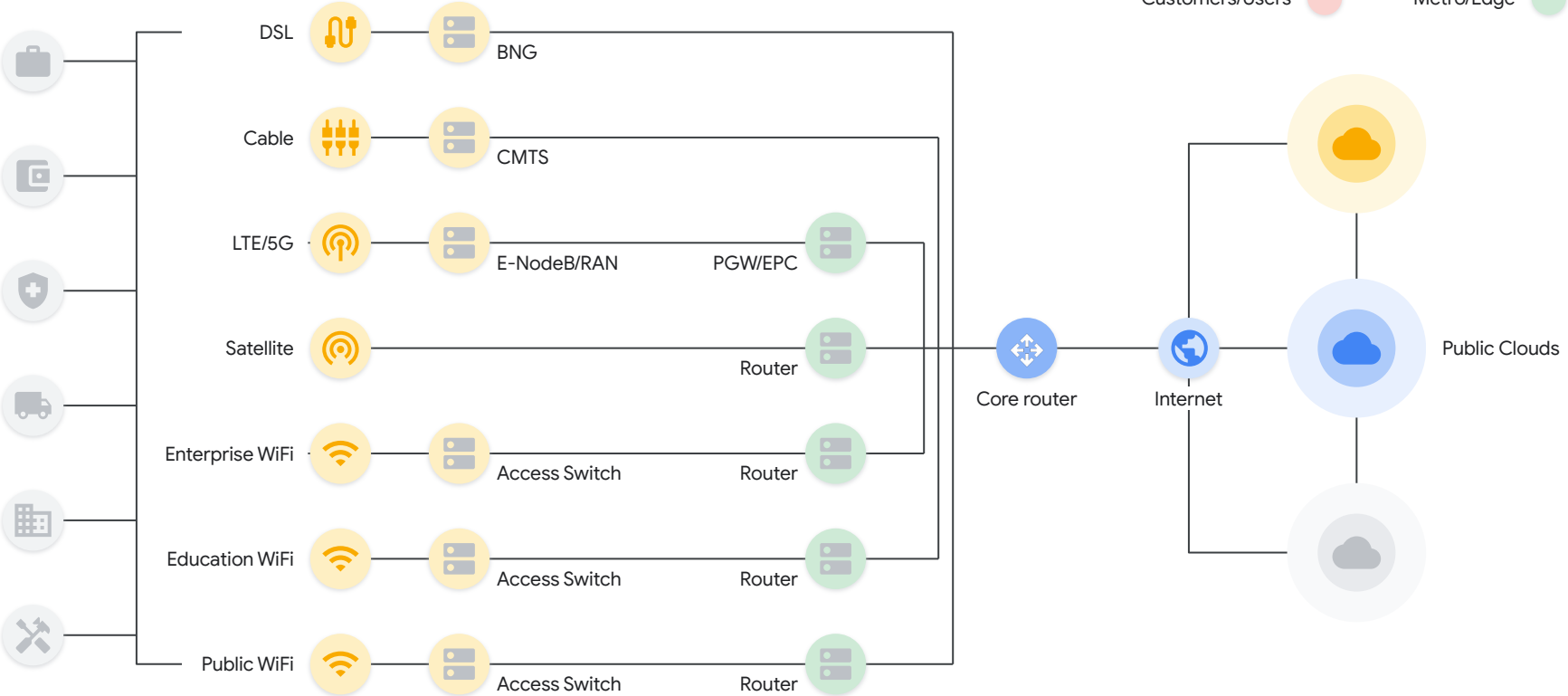


Key Use Cases

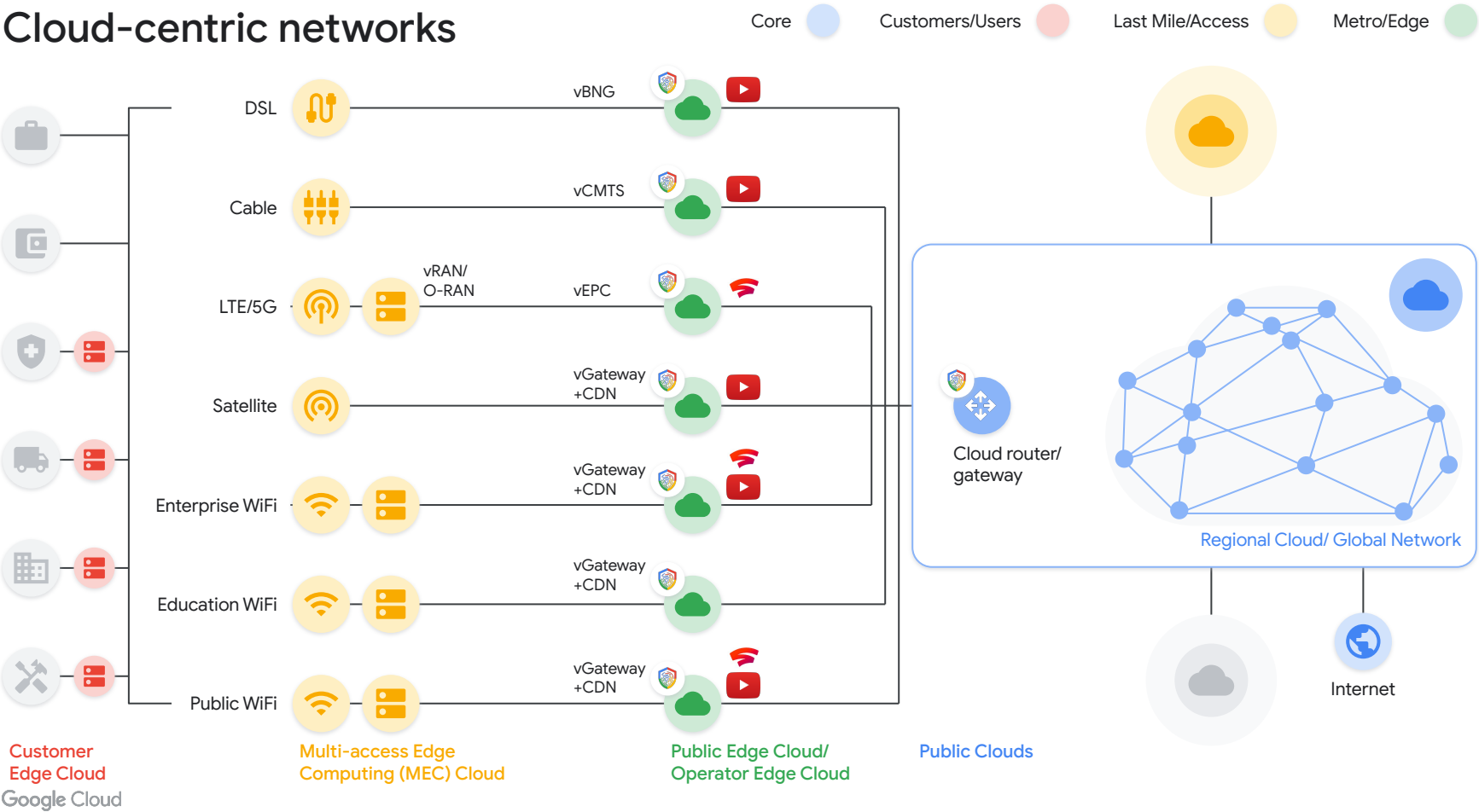
Connectivity and Apps



Networks today



Cloud-centric networks



Thank You

