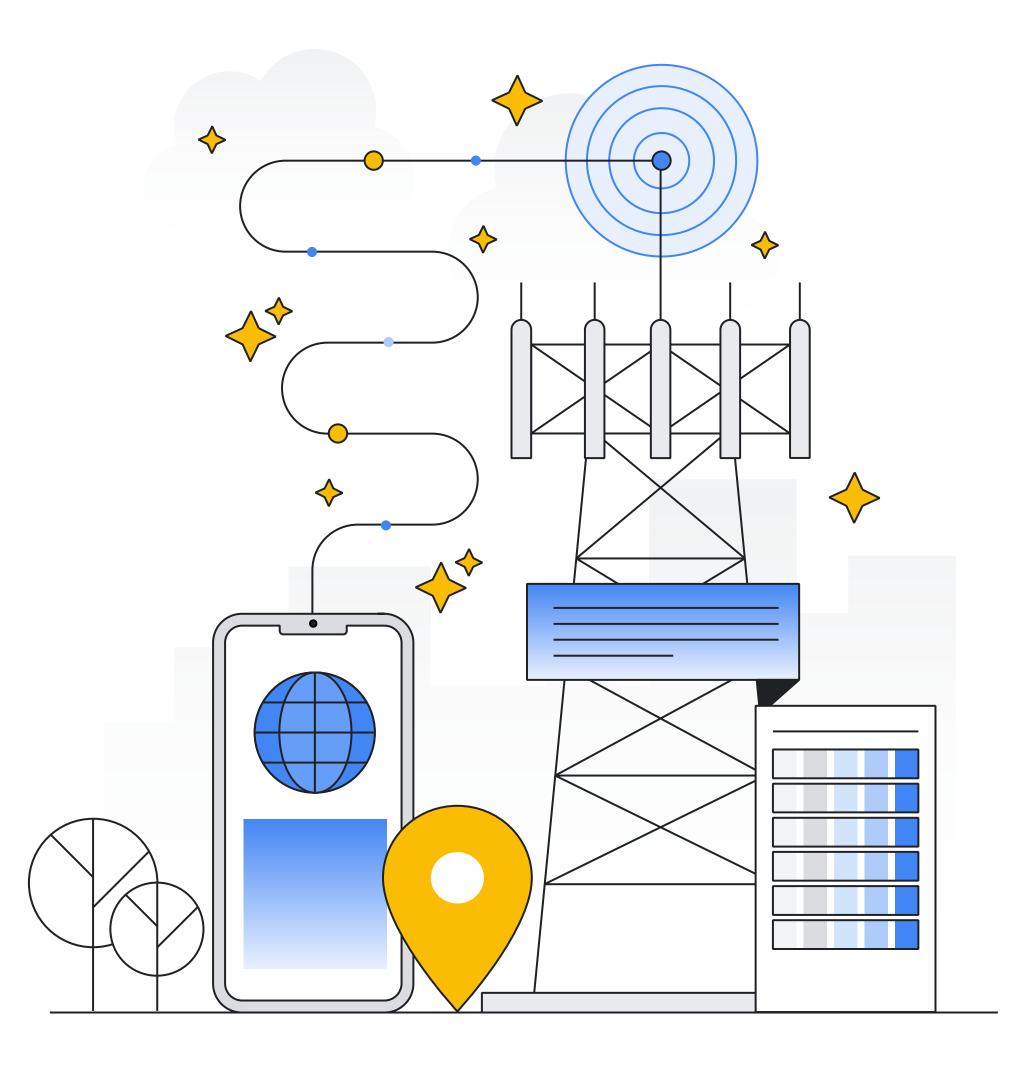


Convergence of Al and 5G at the Edge

Mobile World Congress | Wed, 28 Feb, 2024



Ankur Jain, Vice President Google Cloud's Global Telco Industry and Google Distributed Cloud



The convergence of AI at the Edge is unlocking transformative new use cases

Retail

Frictionless checkout
Inventory tracking and control
Store analytics

Public Sector

- Field intelligence
- Safety and surveillance
- Training and simulations

Media & Entertainment

- Video tagging and encoding
- Gaming betting regulations
- Al gaming analysis and rendering

Data & Al Edge Connectivity

Manufacturing

- Vision based quality control
- Protecting IP and regulations
- Autonomous mobile robotics

Financial

- Data sovereignty for regulatory
- Low-latency trading platforms
- Payment transaction processing

Healthcare

- Al-driven imaging diagnostics
- Data anonymization and analysis
- Patient remote monitoring

Telco

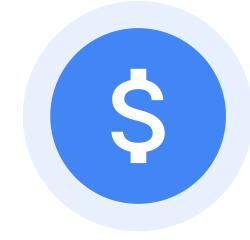
- Network modernization for 5G Core / RAN and Fixed
 - Private Networks
 - Local Data Collection/Processing

Customer Challenges



Scalability and operability

How can I deploy and manage hardware and software infrastructure at scale?



Total cost of ownership

How can I optimize cost across multiple vendors across the stack, and account for Day 0-1-2 scale out?



Sovereignty, privacy, and security

How can I leverage the latest in AI and analytics while keeping my data secure within privacy and sovereignty regulations?

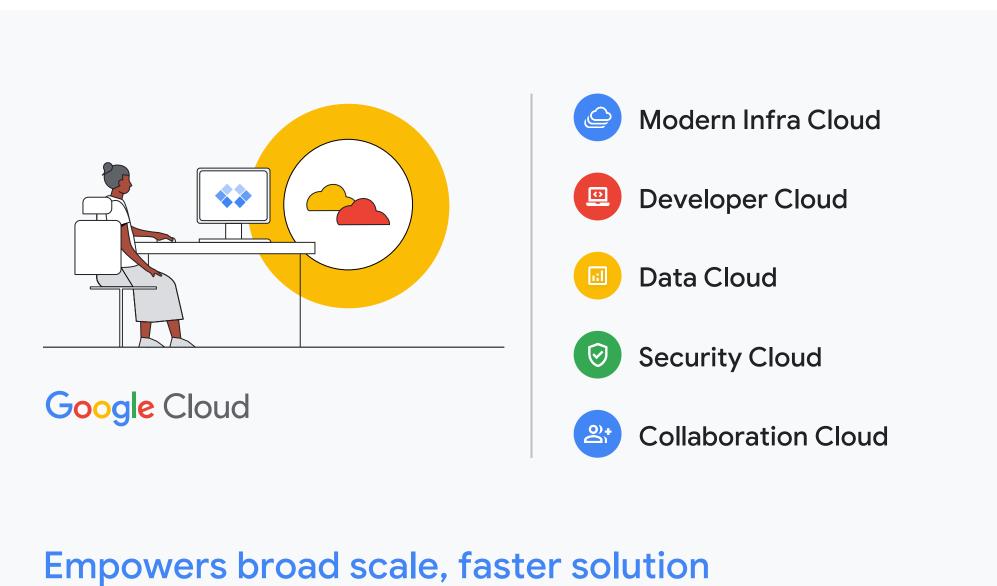


Choice of apps and services

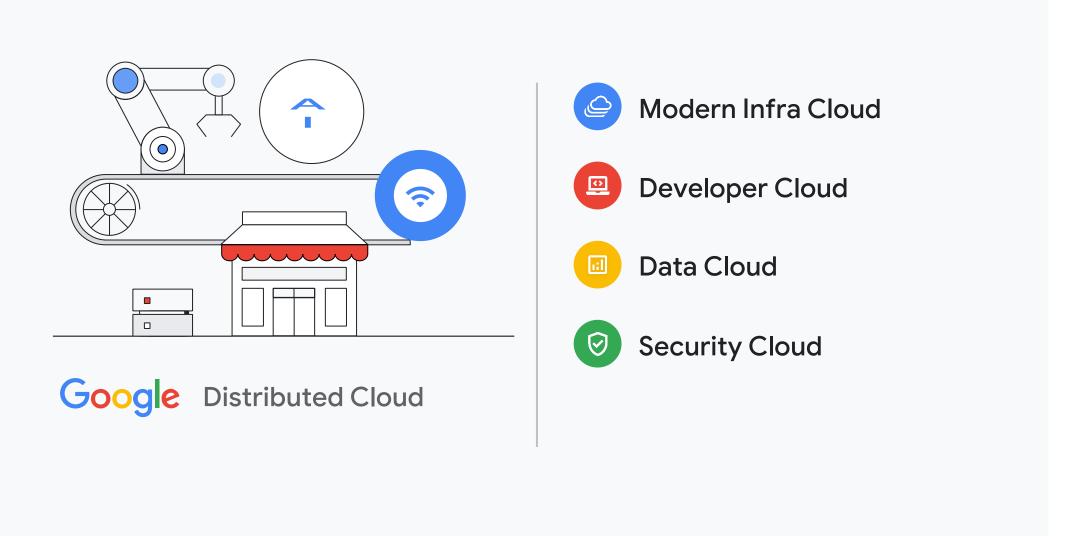
How can I tap into an open ecosystem of applications, services, APIs and developers?

Google Distributed Cloud

Extending Google Cloud into the Data Center and Edge

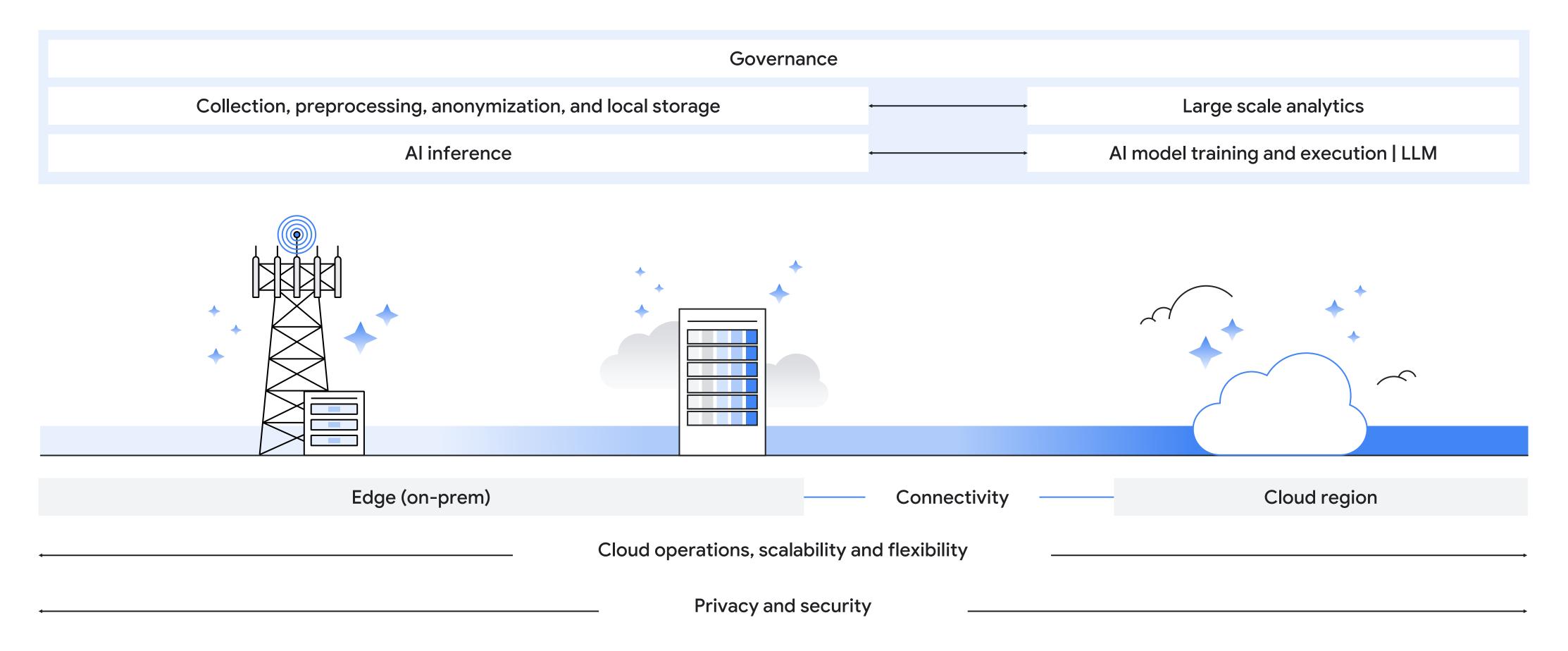


Empowers broad scale, faster solution development, smarter business decisions, and connects people anywhere

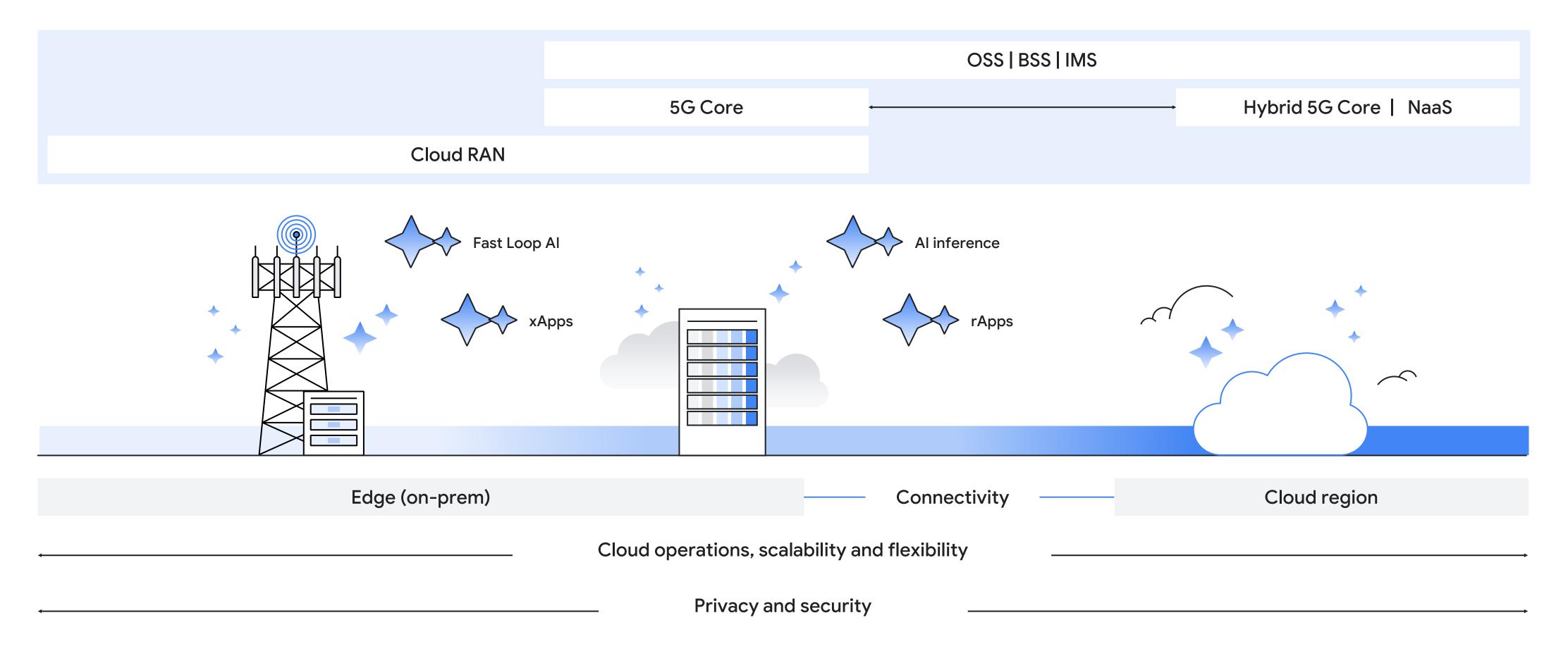


Extends Google Cloud infrastructure and services into your data centers and at the edge

Data localization | Al and analytics on-premise



Network evolution | Hybrid network cloud deployment



The modern retail store | Al-enabled experiences at the Edge





Thank you!

