

Google Distributed Cloud Edge

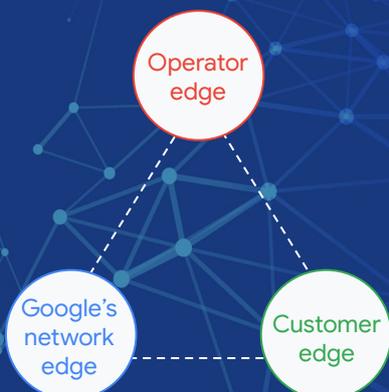
transforming networks and experience

Google Distributed Cloud Edge is a fully managed product that brings Google Cloud infrastructure and services closer to where data is being generated and consumed. [Google Distributed Cloud Edge](#) enables customers to run 5G Core and Radio Access Network (RAN) functions at the edge alongside enterprise applications to meet mission critical use cases such as computer vision and Google AI edge inferencing. With an open cloud architecture built on [Anthos](#), access to Google Cloud Services, and Google's best practices in security and [Site Reliability Engineering](#) (SRE), Google Distributed Cloud Edge enables an ecosystem of ISV and network functions partners, application developers, and data scientists to deliver innovation and scale with time to market advantages.

Google Distributed Cloud Edge builds on Google's telecommunication solutions and empowers communication service providers (CSPs) to run workloads on Intel and NVIDIA accelerated hardware to help deliver new 5G and edge use cases. A centralized control and management plane enables a uniform approach to deploy and run a highly distributed topology of Google Distributed Cloud stack across Google, operator, and customer edges.

Google Distributed Cloud strategy

Extending Google Cloud infrastructure and services to the edge, data center, and multiple clouds



Scale and presence

Distributed Google PoPs and regions with on-demand scale and low-latency transits

Time to market agility

Common control across hybrid clouds with integrated AI/ML, security, and SRE practices

Ecosystem

Anthos open platform with Google services and third party solutions along with NF validation program

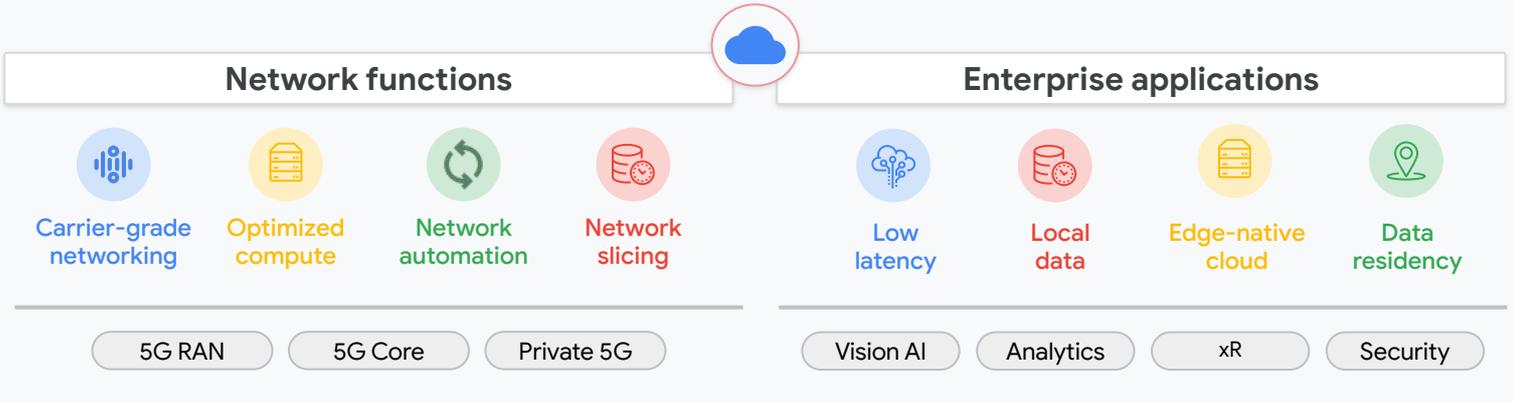
Economics

Fastest growing cloud with OpEx model and flexible economics

Bringing the best of Google Cloud and practices to the “Edge”

Google Distributed Cloud Edge brings edge computing to the network and customer premise edges. Google Cloud technologies are optimized for carrier-grade workloads, low-latency computing, data privacy, and security and offered through a familiar and consistent Google Cloud console for execution, operations, and management across highly distributed edges.

Google Distributed Cloud Edge



Converging a hybrid-cloud with a common control and management plane

Google Distributed Cloud Edge is a fully managed platform with prescriptive hardware, bringing consistency to any deployment location including an operator’s network edge, Google’s network edge, and customer’s edge. It is a converged offer with a consistent runtime platform and a common control plane bringing streamlined automation, application development, and data science.

