



TCloud Connect Product

● tech spec

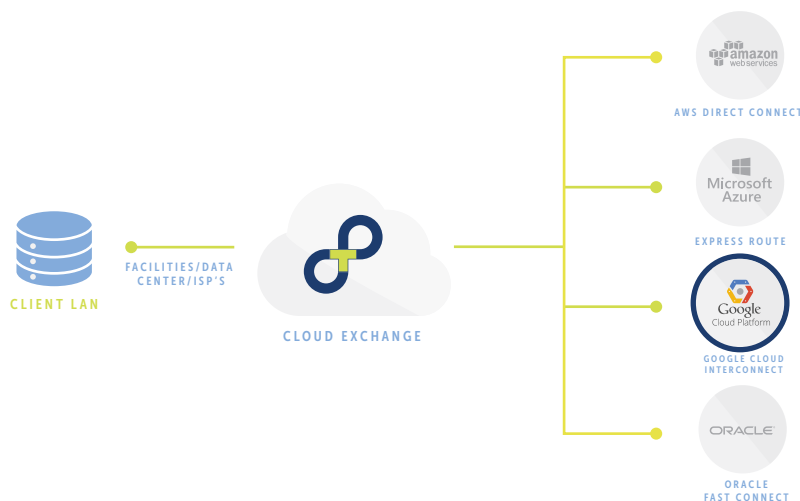
Product Overview

This service called TCloud is a direct connection or a private link to Google Cloud Services. Transtelco offers TCloud service as a private connection through its private fiber optic network securely extending your on-premises network with a dedicated high bandwidth connection between your data center and Google Cloud Infrastructure.

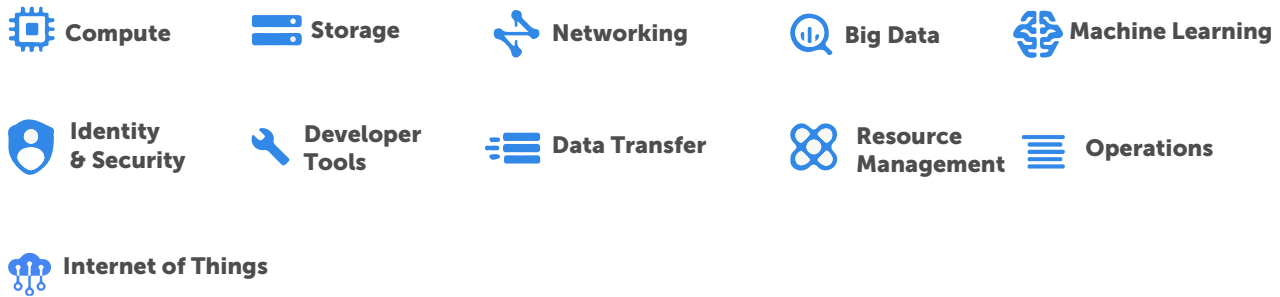


TCloud Benefits

- Fast and Secure: Get a **faster** and **more secure** connection to Google Cloud Infrastructure.
- Reliable : Get a redundant connection, so your traffic can quickly fail over in case of network failures
- Cost Effective: Pay less for predictable performance
- Easy: Connect your data center to Google Cloud Infrastructure in a few simple clicks



Google Cloud Platform offers a full spectrum of cloud products and services for compute, storage, networking, big data, machine learning, operations, and more.



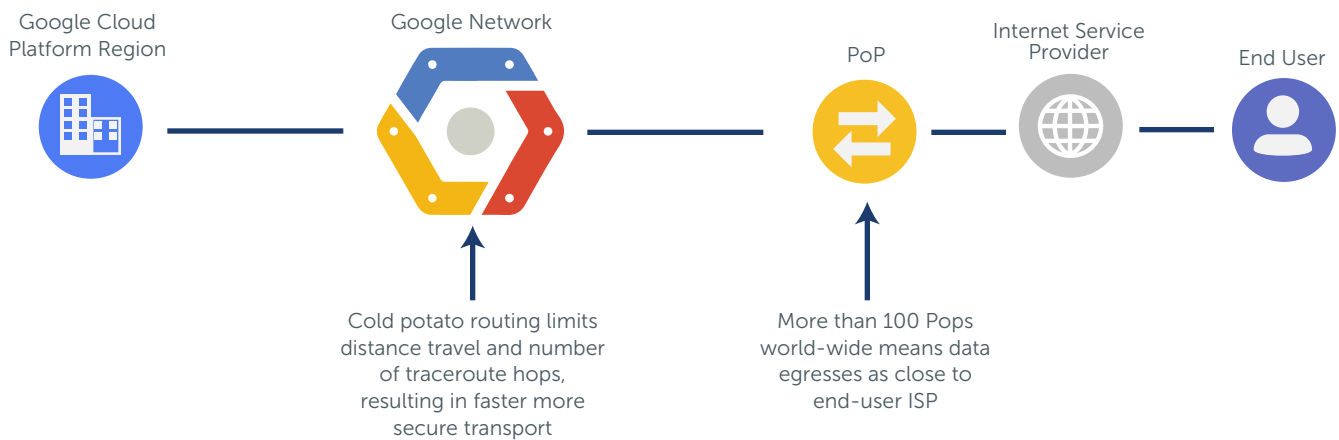
Service Types

At a high level, cloud platforms begin by providing a set of baseline services:

Compute • Storage • Networking • Database Services.

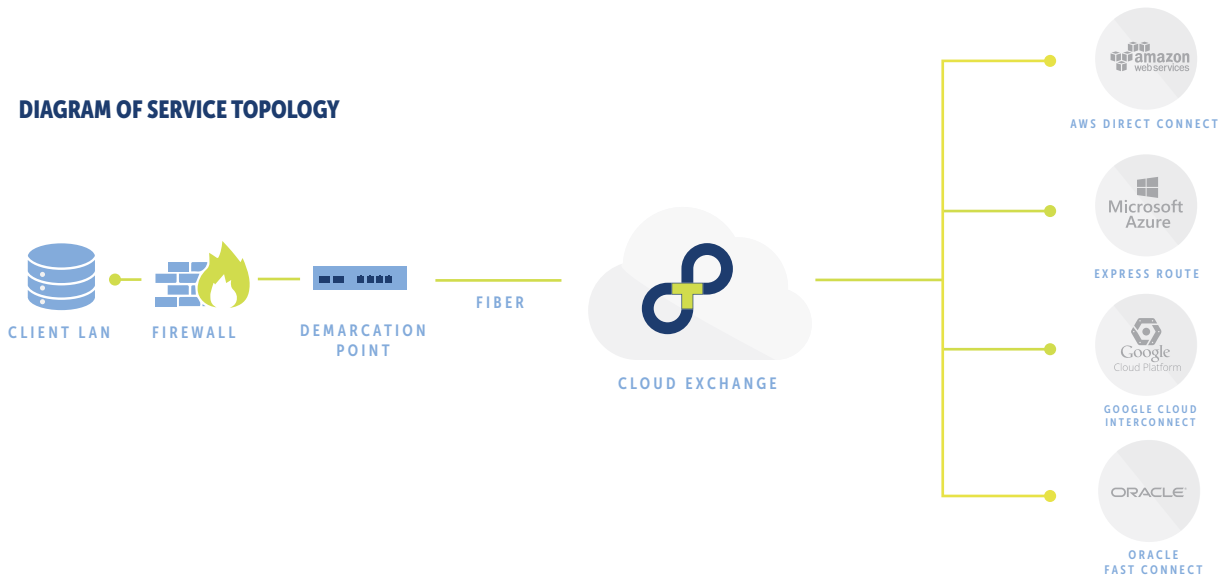
Google Cloud Platform's baseline services include:

- **Compute** : Google Compute Engine and Google App Engine
- **Storage** : Google Cloud Storage
- **Networking** : Google Cloud DNS and Google Cloud Interconnect
- **Databases** : Google Cloud SQL, Google Cloud Datastore, and Google Cloud Bigtable



Product Scope / TCloud Service

Transtelco through its nationwide fiber-optic network allows the connectivity of its customers from a point of demarcation the connection of a Router or Firewall to achieve the connectivity to the cloud. The connectivity or the scope of this contracted Tcloud connection goes from the perimeter router in your LAN to the entry point or virtual router in the cloud. There are standard transfer rates from 50 Mbps to 10 Gbps. It is also necessary to contract with the cloud provider the same transfer rate of access to the resources hosted in that data center.



Levels of service offered by Transtelco

Transtelco offers its customers already connected their cloud connectivity service through its extensive national coverage of extended fiber. A point of demarcation It handles to convert the optical fiber to deliver copper and a layer 3 device such as a router or firewall performing direct logical connection to the cloud provider. This Layer 3 device performs a BGP connection for the exchange of networks that are to be advertised between the cloud and the client's local network. The additional capacity that a firewall offers is that it can encrypt the information transfer sessions between these networks through the network of the Tcloud service provider.

The technical service offered by Transtelco is limited to the LAN Perimeter Router / Firewall configurations to achieve connectivity with the virtual perimeter router in the cloud until networks are exchanged at both ends. Transtelco receives a direct Cloud service identifier tag which the client already generated when contracted it with its cloud provider. Within the connection configuration service, also thenew Cloud Networks must be configured all those will be announced by BGP. The customer is responsible for its console service cloud and all resource costs staying in the same payment and transfer data to the local network cloud customer. Transtelco offers its customers a flat fee for a permanent connection to the cloud provider, this varies depending on the contracted bandwidth.



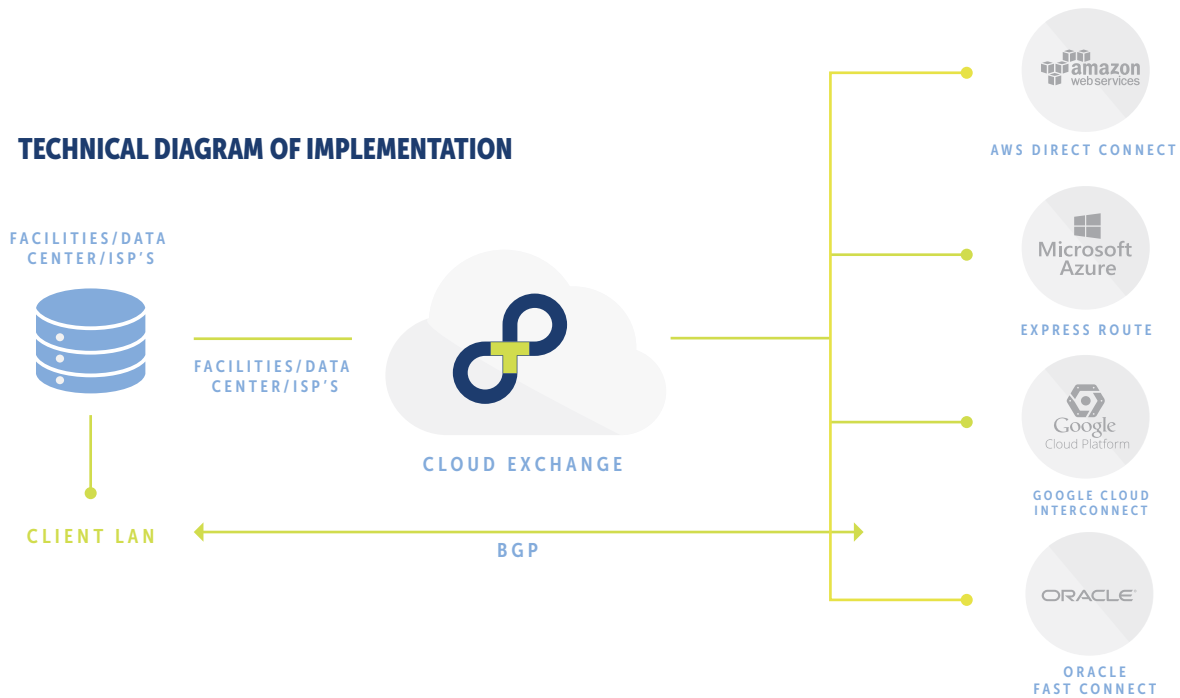
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Service Levels Agreement (SLA)

- 24 x 7 Support
- Availability 99.95%
- Low Latency
- Packet Loss <0.1%
- Link Delivery for 1 - 6 weeks

TECHNICAL DIAGRAM OF IMPLEMENTATION



For more contracting information, contact our specialist staff who will support you with detailed explanations on how to achieve this direct interconnection and start to enjoy the benefits of an initial hybrid network to gradually migrate to a cloud system.



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