

Google Cloud Platform

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Google и Softline

Территория:

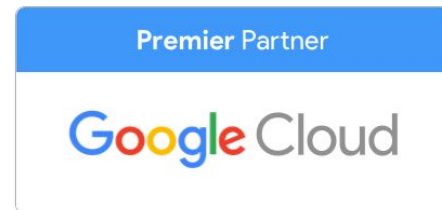
Россия, СНГ, Восточная европа, Латинская америка, Азия

Вся продуктовая линейка:

G Suite
Google Cloud Platform
Google Maps Platform
Chrome Enterprise
Apigee

Наши сервисы:

Внедрение/Миграция
Обучение
Управление изменениями
поддержка



10+

Лет партнерства с Google

6000+



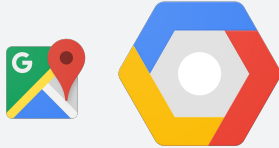
клиентов

30+

сертифицированных
специалистов



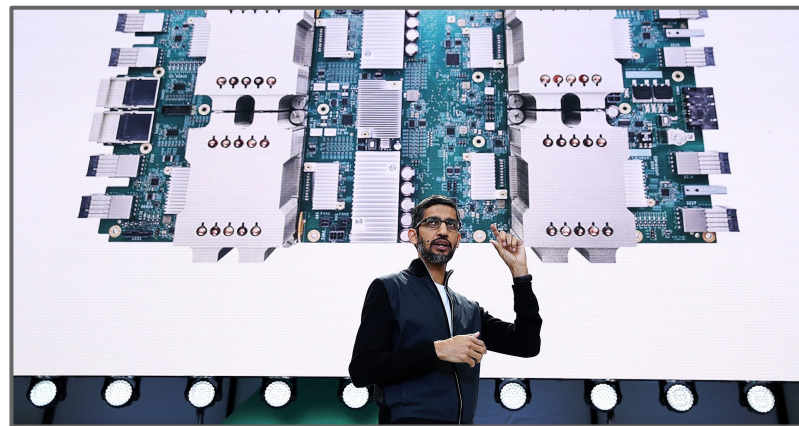
Google Cloud

 <p>Cloud</p>	Облачная корпоративная почта Совместная работа с документами
 <p>On Premise Hybrid Cloud Cloud</p> <p>#1 Gartner</p>	API-менеджмент и интеграция Микросервисная архитектура Развитие платформ и экосистем
 <p>Hybrid Cloud Cloud</p> <p>Google Cloud Platform</p>	IaaS, PaaS AI IoT Kubernetes GIS


Что было...



...что построено и будет

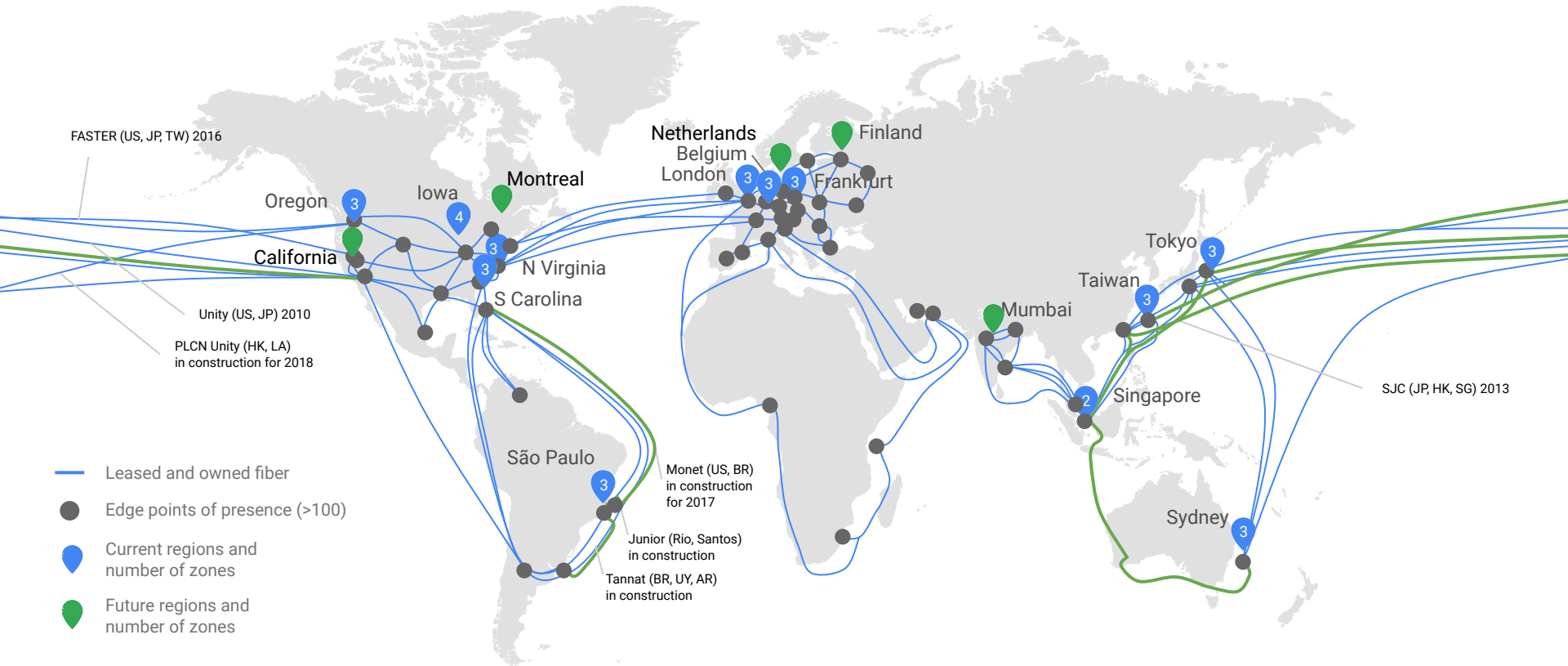


1 миллиард уникальных пользователей в день

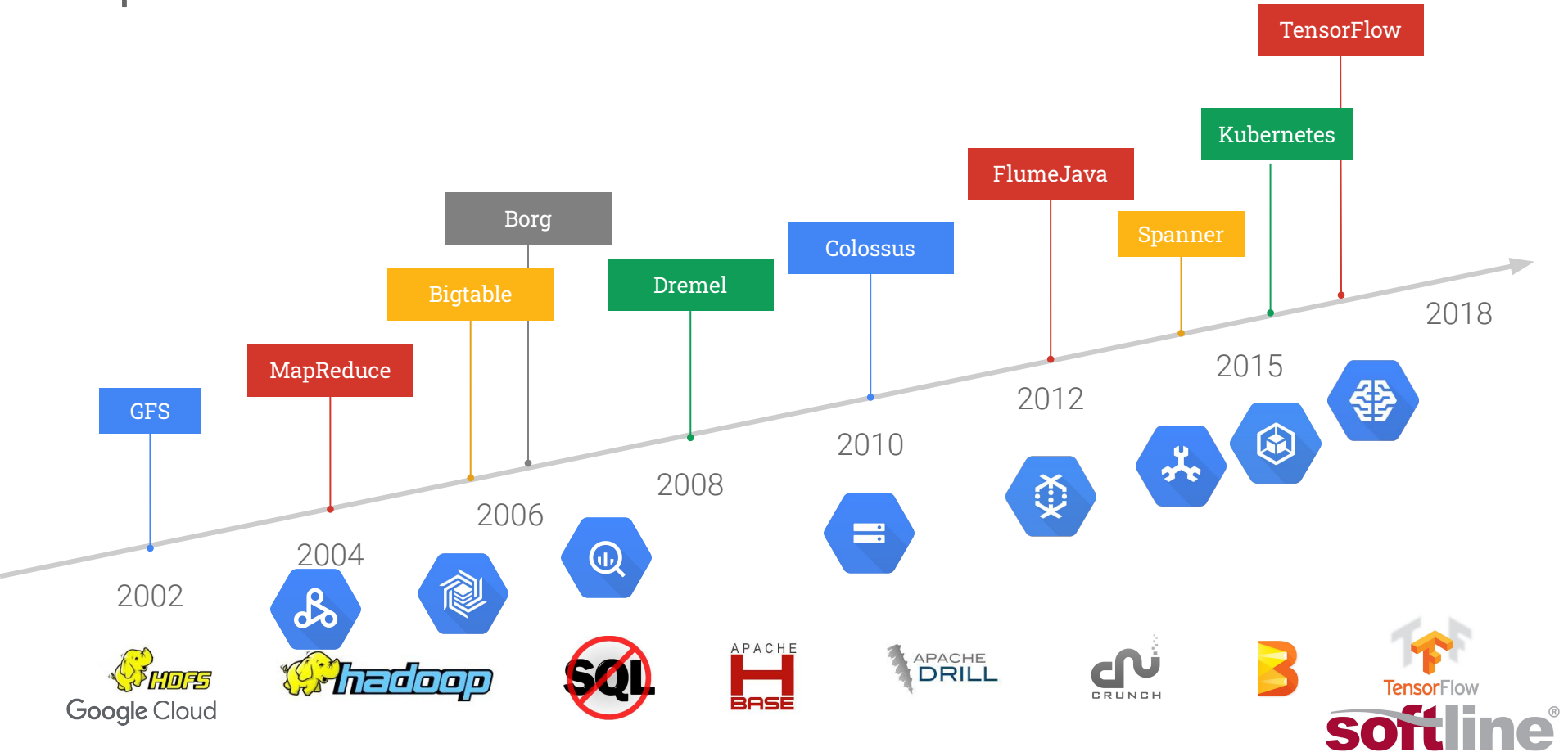
An aerial photograph of a Google data center at dusk. The facility consists of several large, white, rectangular buildings with glass facades, illuminated from within. A river flows through the middle ground, and rolling hills are visible in the background under a dark, cloudy sky. The text is overlaid in the center of the image.

Последние 20 лет Google строит самую быструю и мощную облачную инфраструктуру на планете.

World Class Network Infrastructure



Open Innovation at our Core



Что такое **Google Cloud Platform**?

Google Cloud Platform (GCP) - это набор коммерческих облачных сервисов, основанных на разработках и опыте **Google** в эксплуатации широко известных продуктов и сервисов



Google Cloud Platform сегодня

Compute



Compute Engine



App Engine



Container Engine



Container Registry



Cloud Functions

Storage and Databases



Cloud Storage



Cloud Bigtable



Cloud Datastore



Cloud SQL



Cloud Spanner



Persistent Disk

Networking



Virtual Private Cloud



Cloud Load Balancing



Cloud CDN



Cloud Router



External IP



Cloud Interconnect



Cloud DNS



Networking



VPN

Big Data



BigQuery



Cloud Dataflow



Cloud Dataproc



Cloud Datalab



Cloud Pub/Sub



Genomics

Machine Learning



Cloud Machine Learning



Cloud Vision API



Cloud Speech API



Cloud Natural Language API



Cloud Translation API



Cloud Jobs API

Identity & Security



Cloud IAM



Cloud Resource Manager



Cloud Security Scanner



Key Management Service



Firewall



BeyondCorp



Data Loss Prevention



Identity-Aware Proxy



Security Key Enforcement

Compute

Build What's Next



Google Cloud Platform сегодня

Compute



Compute Engine



App Engine



Container Engine



Container Registry



Cloud Functions

Storage and Databases



Cloud Storage



Cloud Bigtable



Cloud Datastore



Cloud SQL



Cloud Spanner



Persistent Disk

Networking



Virtual Private Cloud



Cloud Load Balancing



Cloud CDN



Cloud Router



External IP



Cloud Interconnect



Cloud DNS



Networking



VPN

Big Data



BigQuery



Cloud Dataflow



Cloud Dataproc



Cloud Datalab



Cloud Pub/Sub



Genomics

Machine Learning



Cloud Machine Learning



Cloud Vision API



Cloud Speech API



Cloud Natural Language API



Cloud Translation API



Cloud Jobs API

Identity & Security



Cloud IAM



Cloud Resource Manager



Cloud Security Scanner



Key Management Service



Firewall



BeyondCorp



Data Loss Prevention













Identity-Aware Proxy



Security Key Enforcement

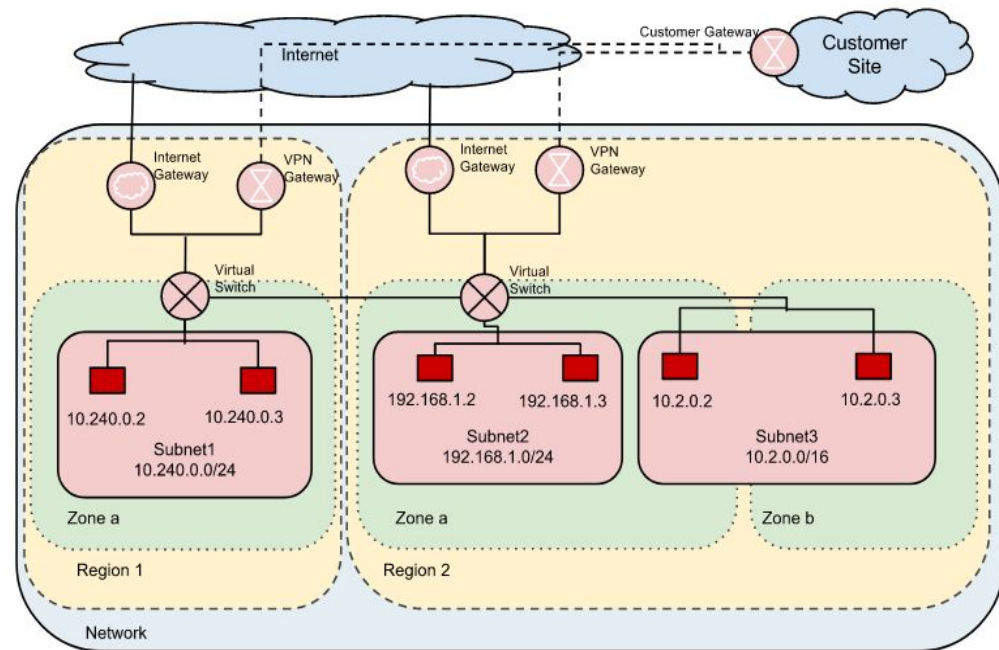
Google Cloud Networking Services

-  External IP addresses — Allocate your own public IP Address
-  Firewall rules — Allow or Deny traffic to and from your instances
-  Routes — Route your traffic where you want
-  Load balancing — Public & Private load balancer services
-  Cloud DNS — High available , high performance Google DNS service
-  VPN — IPsec VPN , connect securely to your VPC from any location
-  Cloud Routers — Enable BGP between your VPC and your on premise facilities
-  VPC network peering — Peer VPCs from your own or other account to build flexible & sophisticated topologies
-  Cloud CDN
-  Shared VPC network (XPN)

VPC - Design your own Network on Google Cloud

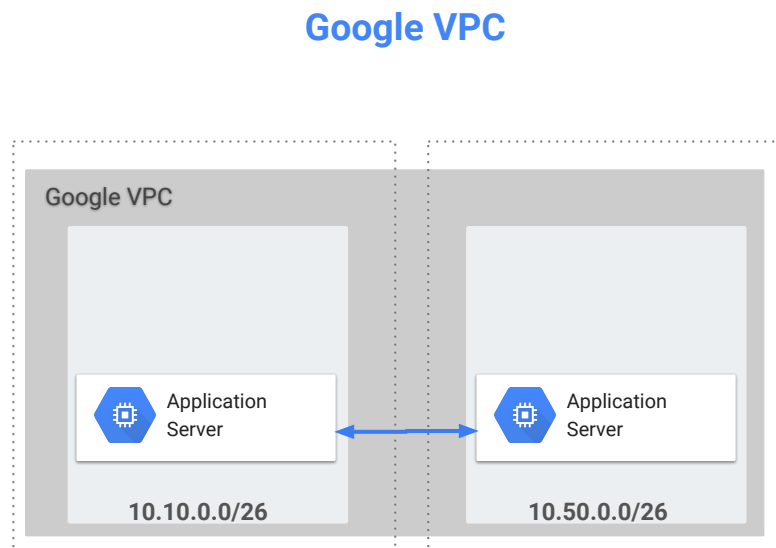
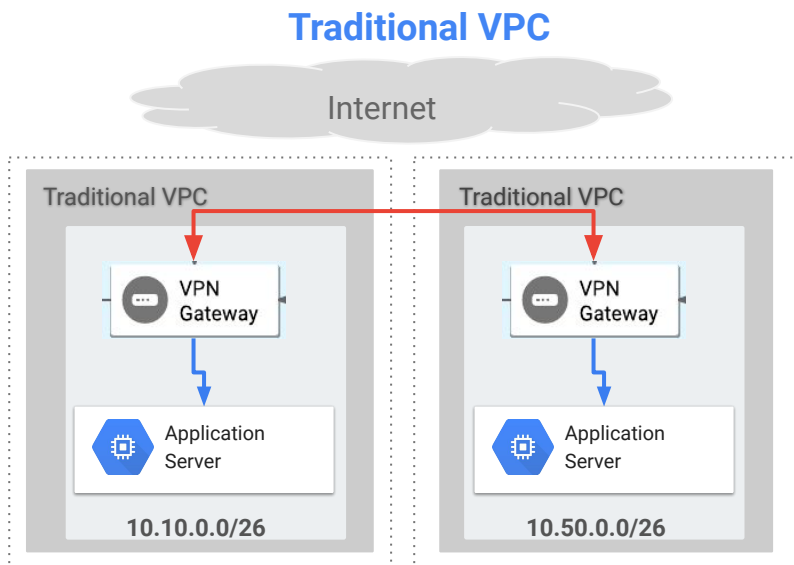


- Global resource
- Design your own virtual network topology.
- Allocate subnetworks to regions choosing your own private IP address range.
- Grow as you need.
- Connect to your sites.
- Share your VPC



Google VPC Global Reach

- Connect automatically workloads across any regions
- Access any region by interconnecting through a single location, through Google's backbone network



Premium

Standard

Compute



Cloud Functions

Serverless платформа для event-based микросервисов



App Engine (GAE)

PaaS решение от Google - готовые к использованию runtimes для Python, Java, PHP, Go и других языков.



Google Kubernetes Engine (GKE)

SaaS (Container-as-a-Service) - оркестрация задач в Docker контейнерах



Compute Engine (GCE)

IaaS: “Классические” виртуальные машины с глобальной балансировкой нагрузки

Computing continuum



Compute Engine



Kubernetes Engine



App Engine



Cloud Functions



IaaS

Raw compute
Granular control

Container clusters

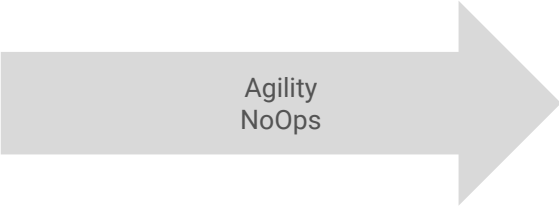
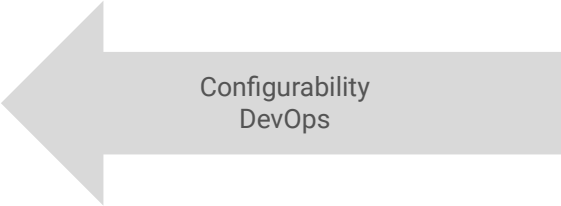
Data center as computer
Declarative management

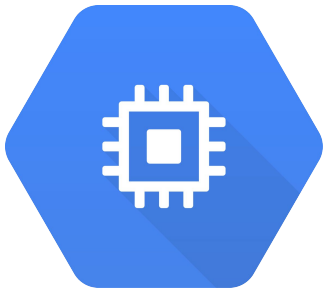
PaaS

Preset run-times
Focus on app logic

Functions

Event-driven and
serverless programming





Compute Engine

Виртуальные машины
с лидирующей в отрасли
ценой /
производительностью

[Link](#)



Быстрое и простое выделение ресурсов



(Really) Оплата только за то, что вы используете



**Высокопроизводительные виртуальные машины с
возможностью выбора платформы CPU и GPU**



Preemptible Instances со скидкой до 80%



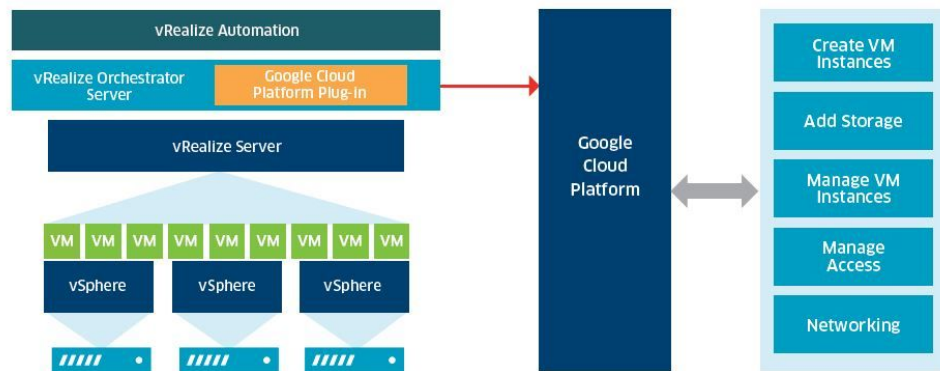
Безопасность уровня Google

VMware



Теперь в консоли VMware vRealize Orchestrator можно заказать ресурсы в Google Cloud Platform

We've announced a new plug-in for VMware vRealize Orchestrator so that customers can use GCP alongside their on-premise VMware environment. This new plug-in lets users create vRealize Automation blueprints, which allow for end-user self-service catalogs, initiating Day 2 operations on Compute Engine VMs, reclaiming provisioned resources and more. And it lets customers keep their existing governance and approval processes, making consumption of cloud resources more secure and trackable. You can read more [on the GCP blog](#).





Cloud Functions

Serverless платформа для event-based микросервисов



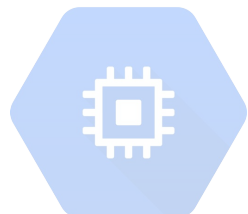
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Google Kubernetes Engine (GKE)

CaaS (Container-as-a-Service) - оркестрация задач в Docker контейнерах

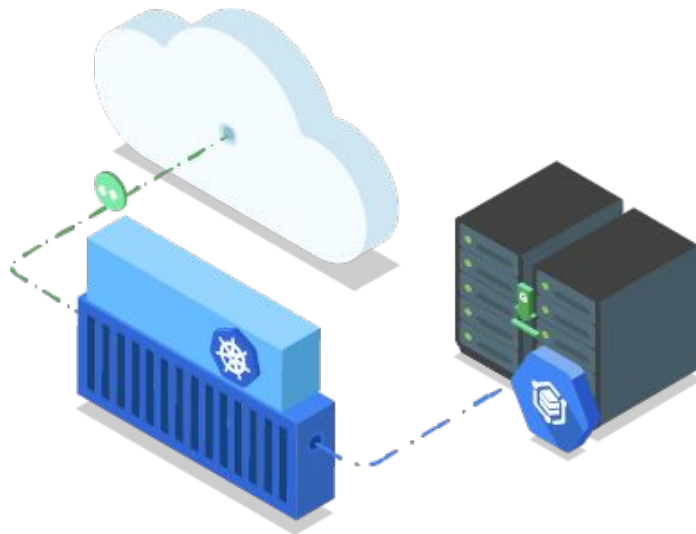


Compute Engine (GCE)

IaaS: “Классические” виртуальные машины с глобальной балансировкой нагрузки

Kubernetes on Prem

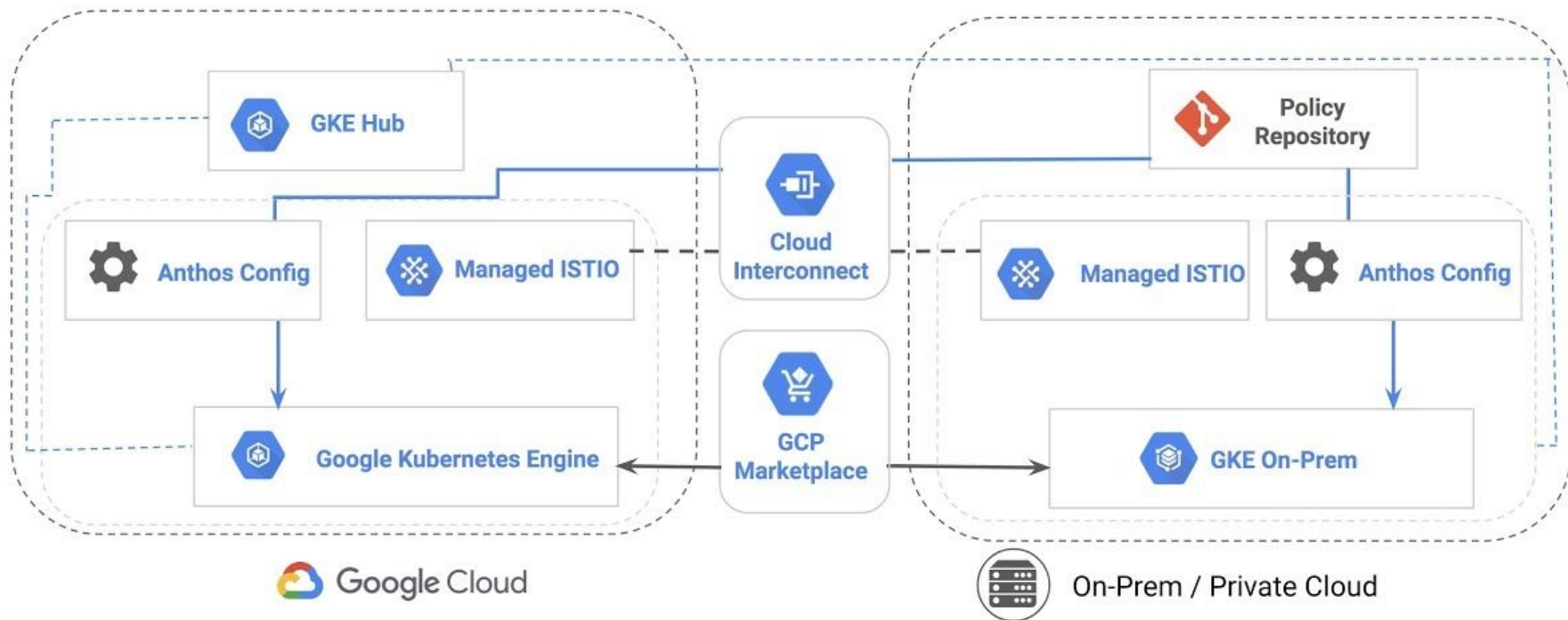
гвоздь программы — [Kubernetes GKE On-Prem](#) с мультикластерным управлением (coming soon to alpha), который позволяет реализовать настоящую гибридную архитектуру. Например, при пиковых нагрузках Kubernetes из датацентра прозрачно масштабируется в Google Cloud.



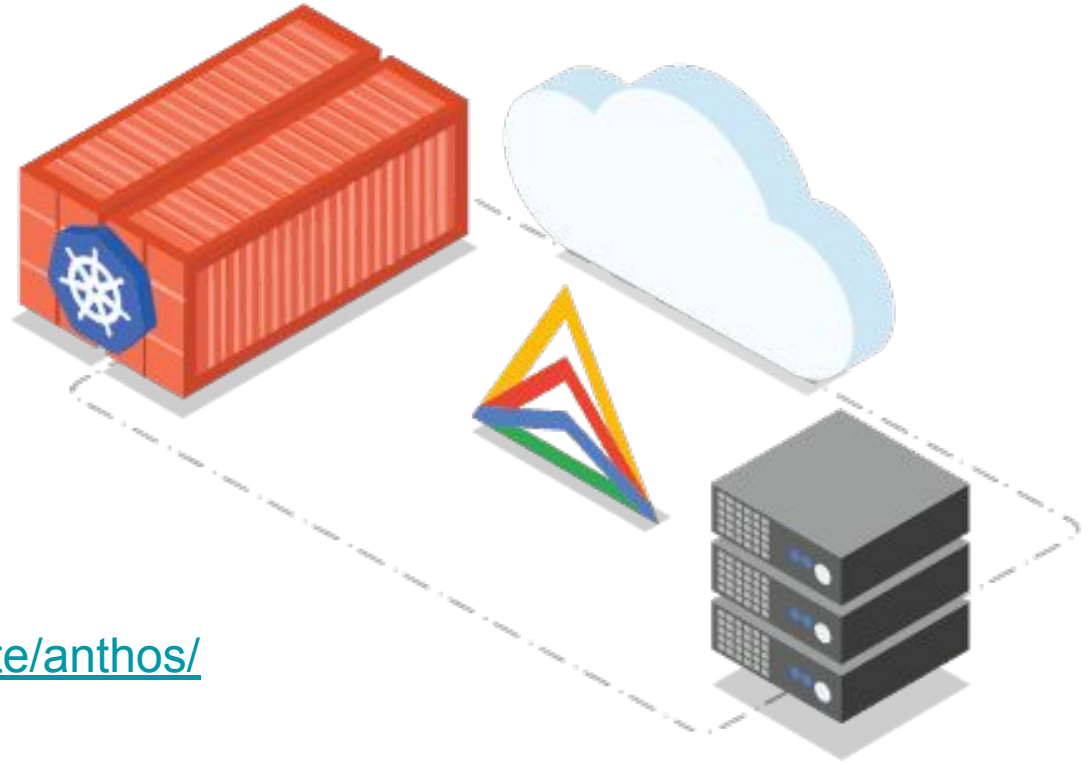


Anthos

Anthos - Architecture - Components



Migrate for Anthos



<https://cloud.google.com/migrate/anthos/>



Cloud Functions

Serverless платформа для event-based микросервисов



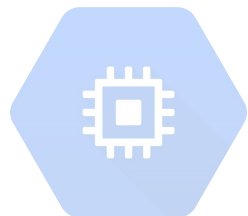
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Compute Engine (GCE)

IaaS: “Классические” виртуальные машины с глобальной балансировкой нагрузки

Google App Engine - Developer Experience

```
var express = require('express')
var app = express()
app.get('/', function (req, res) {
  res.status(200).send('Hello,
world!');
});
```

Choose your Framework & Code!!

```
service: mobile-frontend
runtime: python27
api_version: 1
threadsafe: true
automatic_scaling:
  min_idle_instances: 2
  max_pending_latency: 1s
```

Configure App Engine

```
$ gcloud app deploy
```

Deploy

And you get...



Logging



Autoscaling



Load balancing



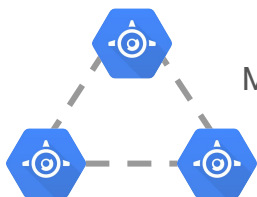
Monitoring



Health checking



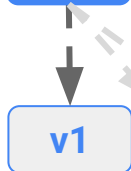
SSL & Domains



Multi Zone



Versioning/AB Testing



Security Scan

Хранение

Fully Managed Storage & Database Services

Object



Cloud Storage

Binary or object data

Images, Media serving, backups

Key-value



App Engine Memcache

Web/mobile applications, gaming

Game state, user sessions

Non-relational



Cloud Datastore

Hierarchical, mobile, web

User profiles, Game State



Cloud Bigtable

Heavy read + write, events

AdTech, Financial, IoT

Relational



Cloud SQL

Web frameworks

CMS, eCommerce



Cloud Spanner

RDBMS+scale, HA, HTAP

Transactions, Ad/Fin/MarTech

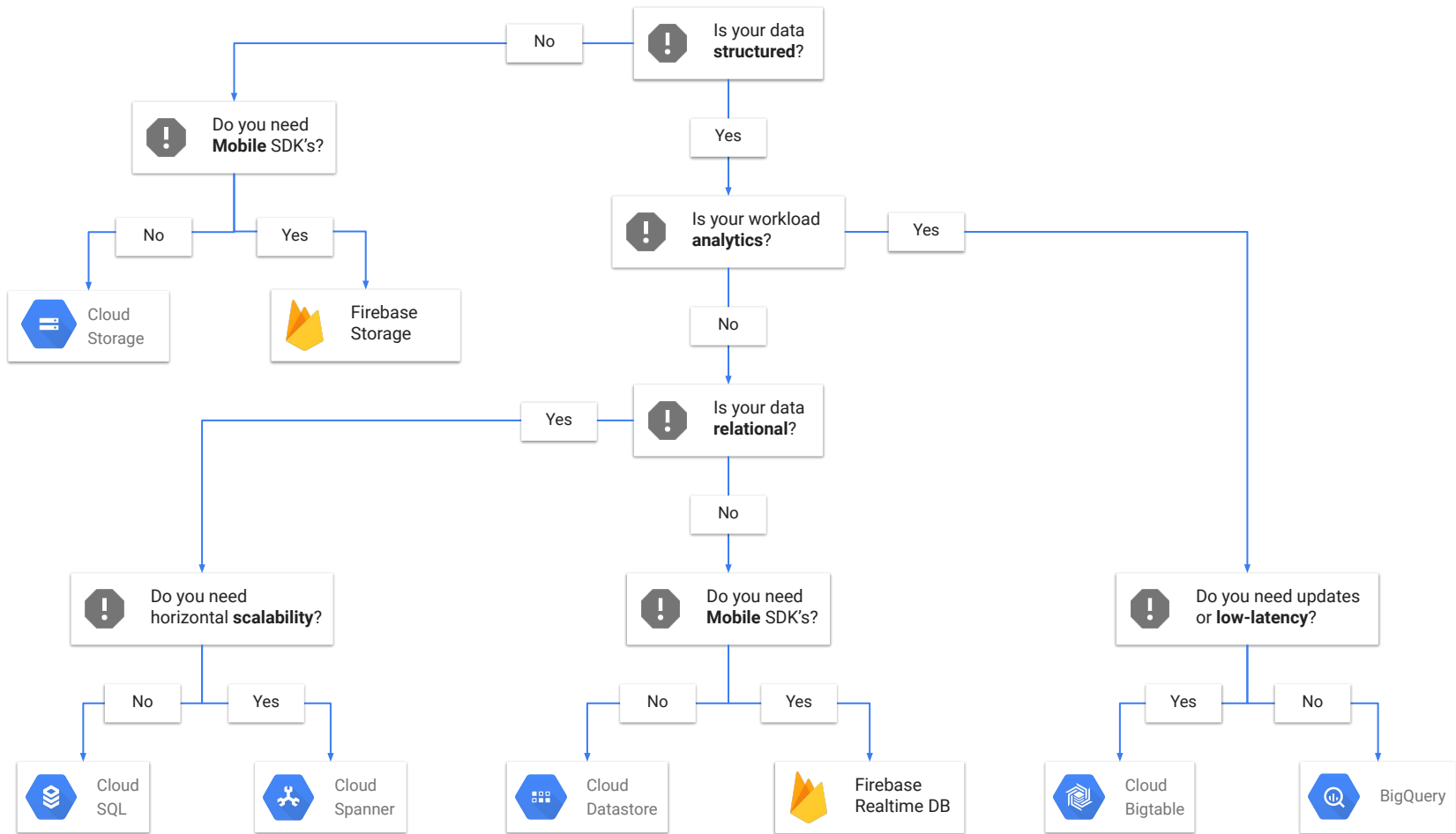
Warehouse



BigQuery

Enterprise Data Warehouse

Analytics, Dashboards




Экономика

Custom machine types


Machine type

Basic view

Cores

 22 vCPU 1 - 32

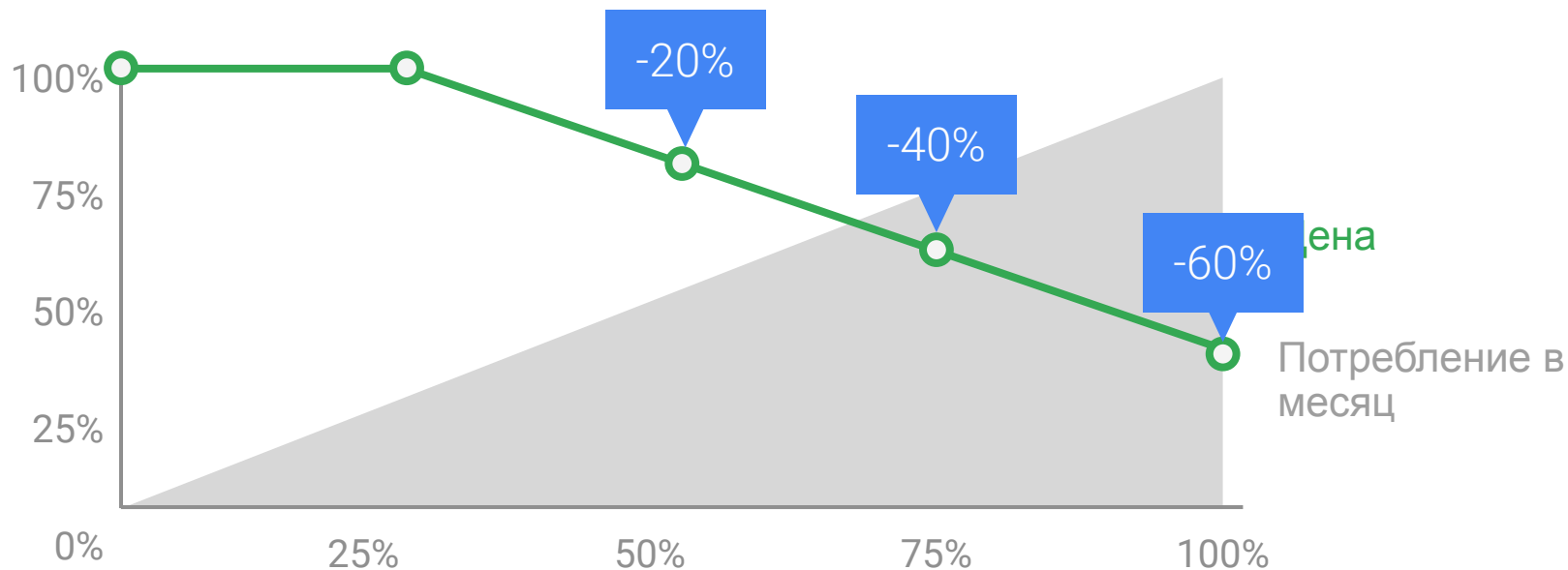
Memory

 70 GB 20 - 143
















[Choosing a machine type](#) ↗

Скидка на продолжительное использование

24%
снижение
расходов



7 instances could be resized to save you up to an estimated \$355 per month and increase performance. [Learn more](#)

<input type="checkbox"/>	Name	Zone	Machine type	Recommendation ^	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>	 <u>instance-4</u>	europe-west1-c	8 vCPUs, 30 GB	 Save \$145 / mo		10.132.0.5	104.155.90.140 ↗	SSH ⋮
<input type="checkbox"/>	 instance-10	europe-west1-c	4 vCPUs, 26 GB	 Save \$101 / mo		10.132.0.11	104.155.111.113 ↗	SSH ⋮
<input type="checkbox"/>	 instance-2	europe-west1-c	4 vCPUs, 15 GB	 Save \$76 / mo		10.132.0.3	104.155.88.201 ↗	SSH ⋮
<input type="checkbox"/>	 instance-7	europe-west1-c	1 vCPU, 3.75 GB	 Save \$16 / mo		10.132.0.8	104.155.55.101 ↗	SSH ⋮
<input type="checkbox"/>	 instance-9	europe-west1-c	1 vCPU, 3.75 GB	 Save \$16 / mo		10.132.0.10	104.155.58.90 ↗	SSH ⋮
<input type="checkbox"/>	 instance-11	europe-west1-c	1 vCPU, 0.6 GB	 Increase perf.		10.132.0.2	104.155.108.6 ↗	SSH ⋮
<input type="checkbox"/>	 instance-12	asia-east1-a	1 vCPU, 0.6 GB	 Increase perf.		10.140.0.2	104.199.187.28 ↗	SSH ⋮
<input type="checkbox"/>	 instance-3	europe-west1-c	1 vCPU, 0.6 GB			10.132.0.4	104.155.100.41 ↗	SSH ⋮

Другой провайдер

-24%

Скидка на
продолжительное
использование

-21%

Разница базовой
цены

-15%

Custom
machine types



До
60%
снижения
расходов

Скидка на предоплаченное использование

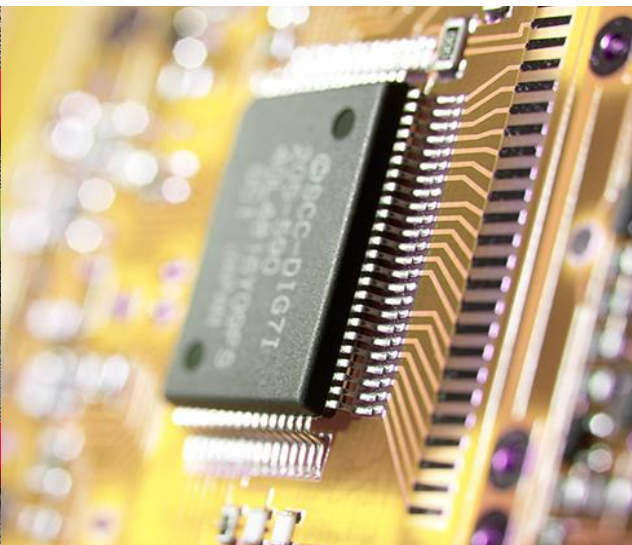
Возможность заказать динамический пул vCPU и RAM на срок 1 или 3 года



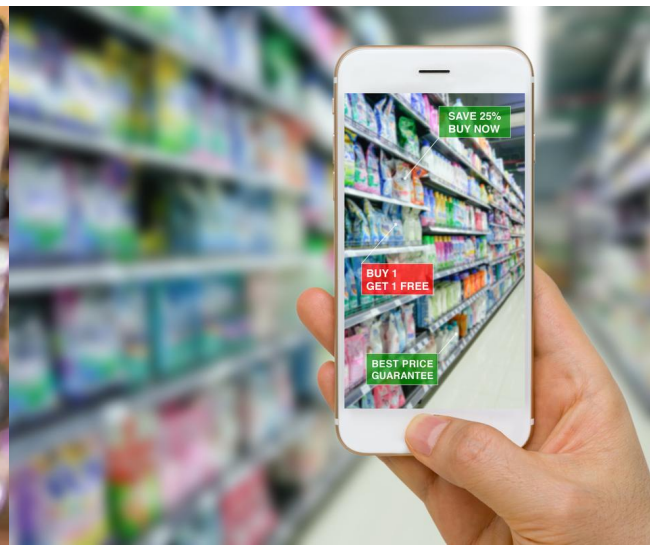
Как Google помогает вашему бизнесу



Building blocks



Platform



Solutions



Google Cloud

По вопросам подключения обращайтесь по телефону

Телефон 8-800-232-0023

Отдел решений Google

google@softline.ru



Start with (300\$) goo.gl/iSW6EC

Add more (500\$) goo.gl/rDxDJk

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