SADA / Google Cloud

HYBRID IT & CLOUD | PUBLIC SECTOR NETWORK EVENT

Digital transformation with Google Cloud

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People are connecting from places beyond the office

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Every industry is going digital.

What is your digital?

By 2021,
Over 75% of midsize and large organizations will have adopted a multi cloud and/or hybrid IT strategy*

By 2022,
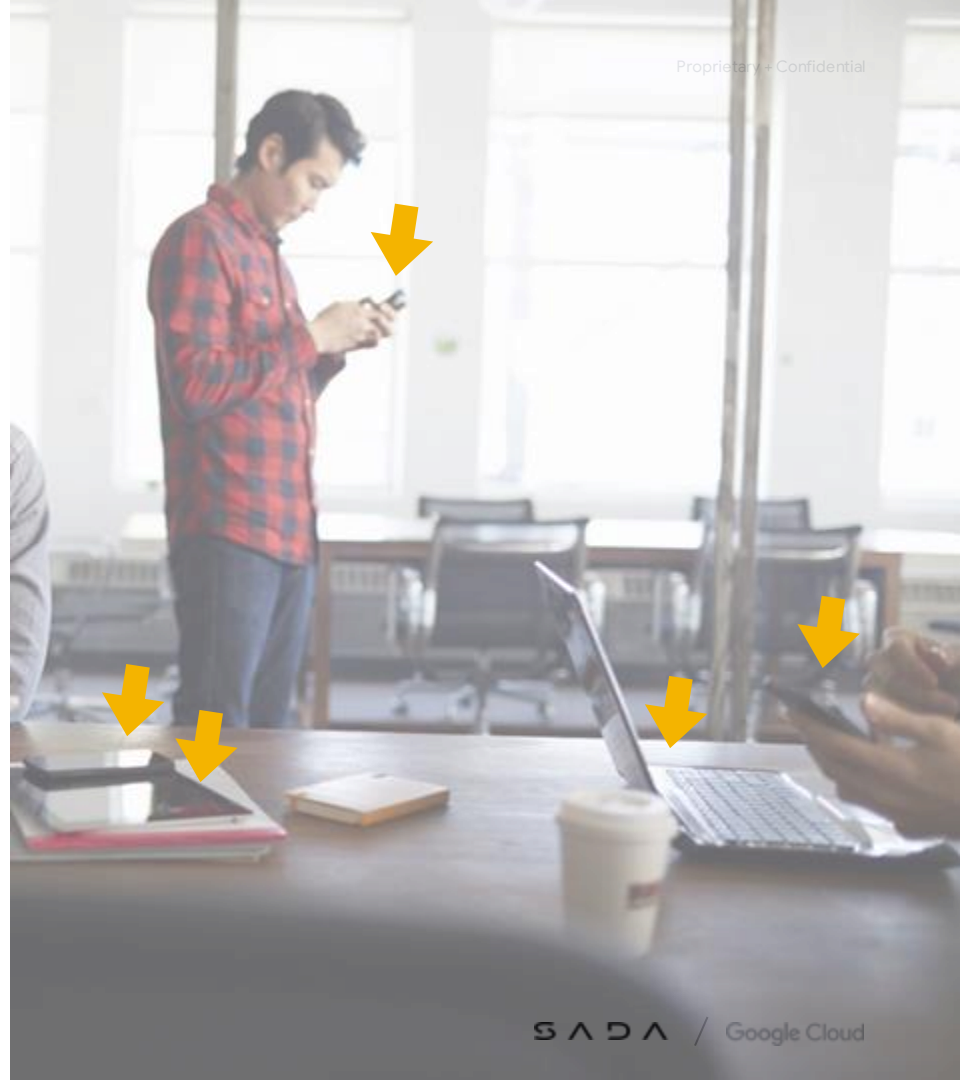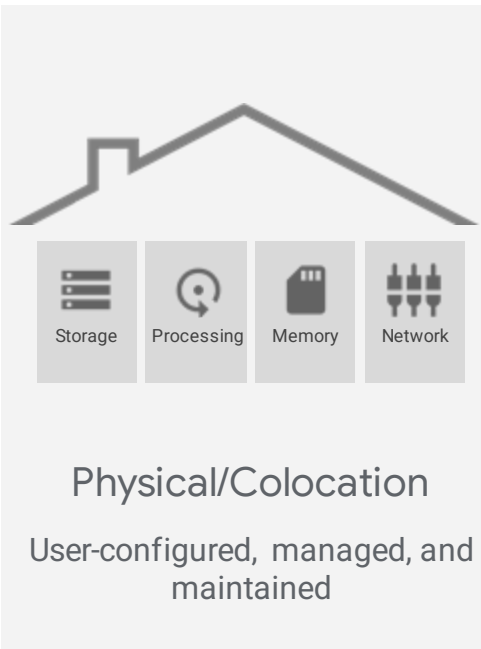Public cloud services will be essential for 90% of business innovation*

And by 2025...
The sum of the world's data is expected to swell more than 5 times its current size**

People are connecting from many more devices

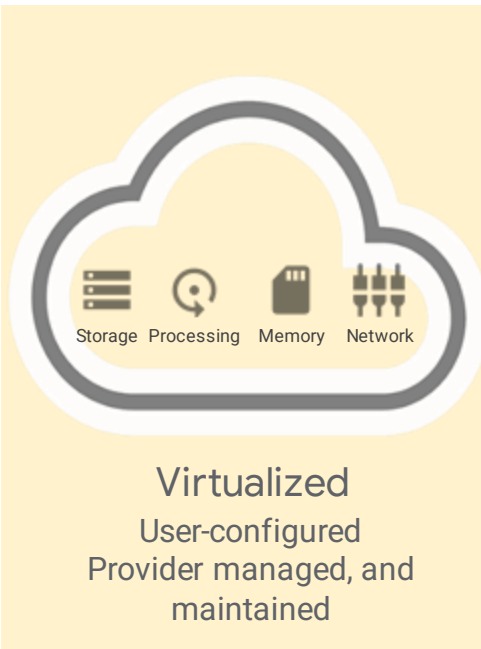SADA / Google Cloud

How did we get here? Where are we going?
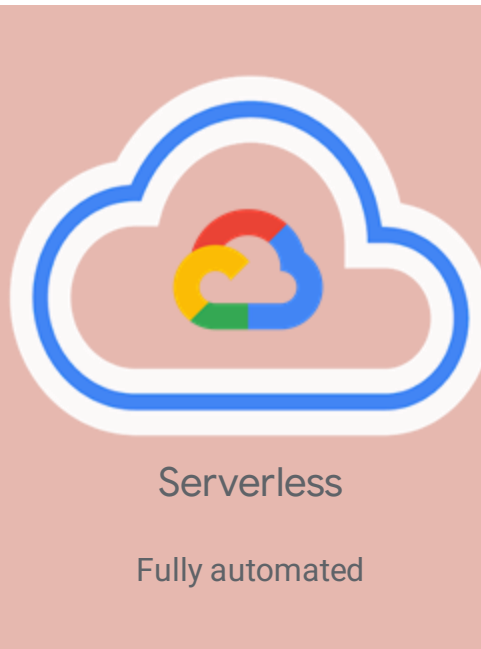
Physical/Colocation

User-configured, managed, and maintained

Virtualized

User-configured
Provider managed, and
maintained

Serverless

Fully automated

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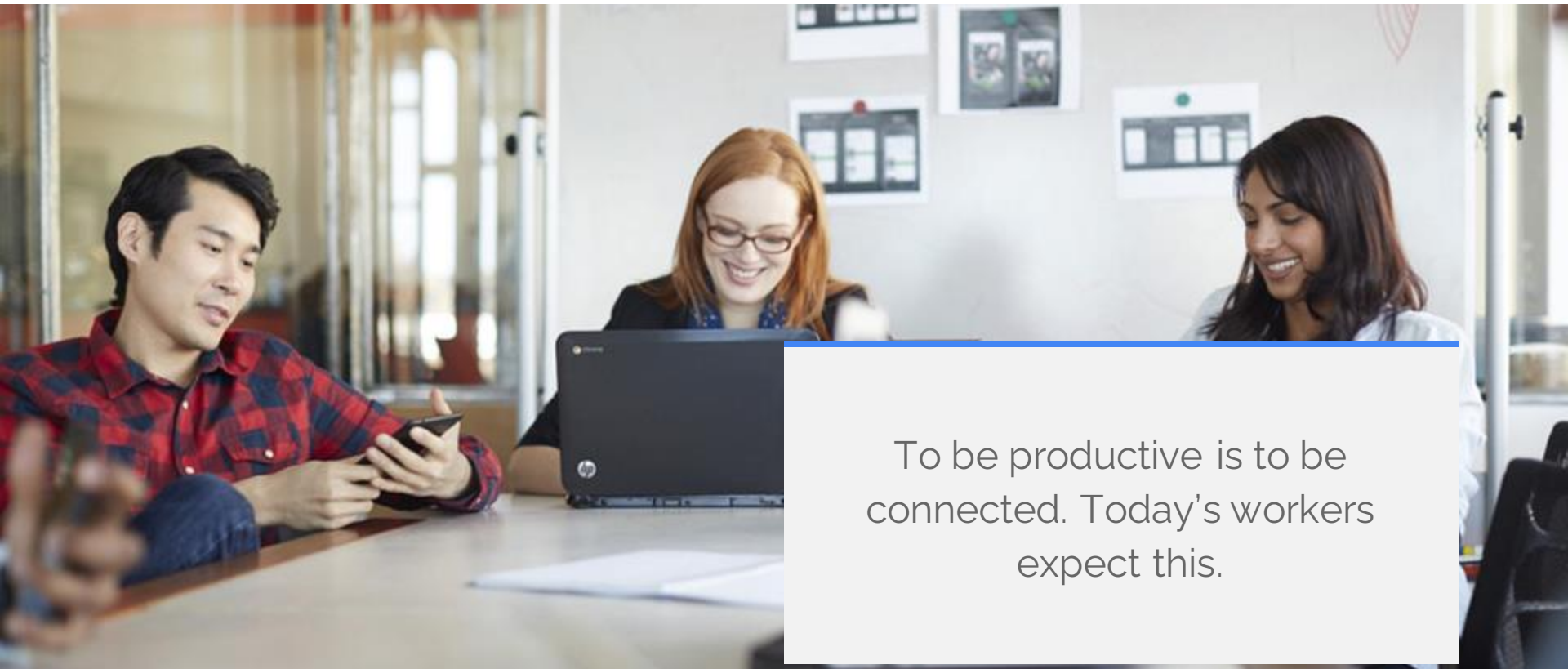
To be productive is to be connected. Today's workers expect this.

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What is cloud computing?

On-demand self-service	Broad network access	Resource pooling	Rapid elasticity	Measured service
No human intervention needed to get resources	Access from anywhere	Provider shares resources to consumers	Get more resources quickly as needed	Pay only for what you consume
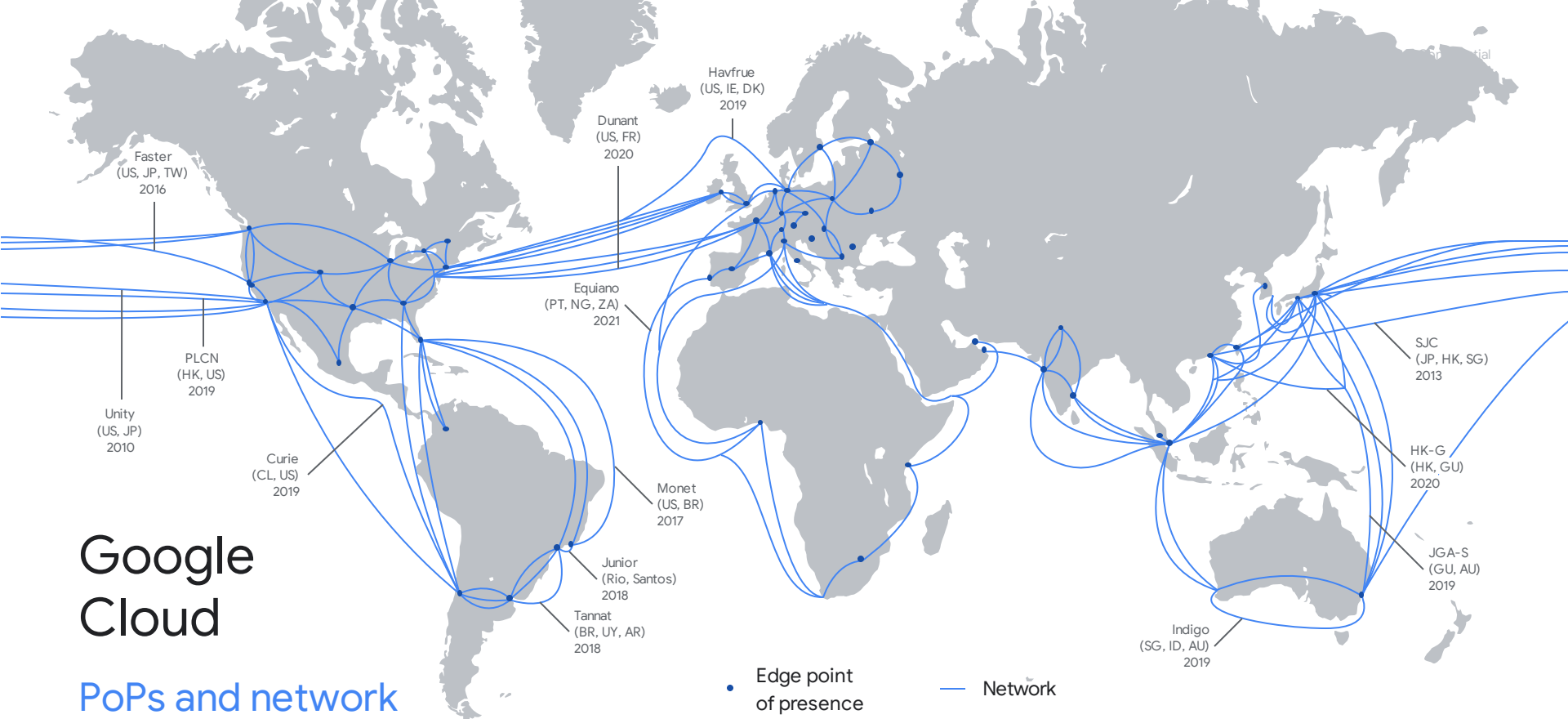
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Google
Cloud

PoPs and network

Faster
(US, JP, TW)
2016

Unity
(US, JP)
2010

PLCN
(HK, US)
2019

Curie
(CL, US)
2019

Junior
(Rio, Santos)
2018

Tannat
(BR, UY, AR)
2018

Havfrue
(US, IE, DK)
2019

Dunant
(US, FR)
2020

Equiano
(PT, NG, ZA)
2021

Monet
(US, BR)
2017

SJC
(JP, HK, SG)
2013

HK-G
(HK, GU)
2020

JGA-S
(GU, AU)
2019

Indigo
(SG, ID, AU)
2019

● Edge point
of presence

── Network

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Google Cloud

Regions

26 regions | 79 zones | 144 Network Edge locations

Oregon
Salt Lake City
Los Angeles
Las Vegas
Iowa
Toronto
Montréal
N. Virginia
S. Carolina
São Paulo
Santiago

Finland
Netherlands
London
Belgium
Paris
Madrid
Zurich
Warsaw
Frankfurt
Milan
Doha
Delhi
Mumbai
Hong Kong
Taiwan
Seoul
Osaka
Tokyo
Singapore
Jakarta
Sydney
Melbourne

Current region with 3 zones

Future region with 3 zones

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Hybrid & Multi-Cloud solutions to enable choice

Write once, run anywhere

Anthos deploys on **existing hardware**, allowing on-prem apps to leverage the cloud during burst workloads without lock-in. AWS requires vendor-specific hardware

Connect legacy applications across clouds

Google Cloud's Apigee API management platform enables enterprises to more easily connect legacy and modern workloads in **hybrid and multi-cloud environments**

Avoid lock-in with open source

#1 contributor to Cloud Native Computing Foundation and creator of **Kubernetes** - adopted by AWS and Azure

" Google is a **Leader** in Public Cloud Enterprise Container Platforms

The Forrester New Wave™: Public Cloud Enterprise Container Platforms, Q3 2019

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Anthos is Google's modern solution for hybrid and multi-cloud systems and services management

- Kubernetes and GKE On-Prem create the foundation.

- On-premises and cloud environments stay in sync.

- A rich set of tools is provided for:
  - Managing services on-premises and in the cloud.
  - Monitoring systems and services.
  - Migrating applications from VMs into your clusters.
  - Maintaining consistent policies across all clusters, whether on-premises or in the cloud.

What makes Google Cloud different

Best-in-class Security ❯ Protect systems, data, and users

Hybrid & Multi-Cloud ❯ Enables choice

Fully Managed No Ops ❯ Ease of use with serverless

Embedded AI & ML ❯ Intelligence in everything

Best of Google ❯ Bringing culture of innovation to customers and partners

Google is committed to environmental responsibility

One of the world's largest corporate purchasers of renewable energy

100% carbon neutral since 2007

First data centers to achieve ISO 14001 certification

SADA

Google is the best cloud partner for your journey

New Workloads

Build new cloud-native applications or spin up new data warehouse

Only Google Cloud lets you **write once, run anywhere** on prem or in any cloud

Anthos

On-Prem Migration

Enhance business decision making with data analytics, AI/ML

We pioneered the use of data to help you **gain unique insight** at extreme **global scale**

Google BigQuery

Digital Transformation

Deliver new customer experiences, redesign business models and transform culture

Google is an **innovation company** at the core; we build cultures of collaboration & agility

Google

Looking Ahead

Don't fear multi cloud

You're already doing it.

You already use software and application services from a mix of providers.

Embrace the right foundational components including Kubernetes

Consistent experience across clouds.

Containers orchestration to manage infrastructure and cloud-native services.

Use Google Cloud as your anchor

Anthos as a way to build and run distributed Kubernetes fleets in Google Cloud and across clouds.

Cloud-based backplane instead of an on-prem one, to leverage managed services for scale and security, and introduce modern practices.

SADA services for Canadian Governments

Cloud Subscription
Contracting, license management, renewals

Readiness + Planning
Determine Total Cost of Operation, cost benefit analysis, and migration paths

Professional Services
Infrastructure modernization, Application development, Data & Analytics

DevOps + Continuous Integration/Continuous Delivery Training, development, scripting for enhancing DevOps and CI/CD pipelines

Support + Managed Services
24/7 North American-based support for tiers 1-3, with escalation to Google engineering

SADA

About SADA

At SADA, we climb every mountain, clear every hurdle, and turn the improbable into possible – over and over again. Simply put, we propel your organization forward.

It's not enough to migrate to the cloud, it's about what you do once you're there. Accelerating application development. Advancing productivity and collaboration. Using your data as a competitive edge. When it comes to Google Cloud, we're not an add-on, we're a must-have, driving the business performance of our clients with its power.

Beyond our expertise and experience, what sets us apart is our people. It's the spirit that carried us from scrappy origins as one of the Google Cloud launch partners to an award-winning global partner year after year. With a client list that spans healthcare, media and entertainment, retail, manufacturing, public sector and digital natives – we simply get the job done, every step of the way.

Your challenges are ours. We're ready. Let's go.

Let's talk :   437 . 747 . 2812   rahul.parmar@SADA.com   SADA.com/canada

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