# DPA <> Cloud

**Webinar By Incentro Africa**

# About Incento

who are we

We are a **full-service digital agency** with a combined knowledge of more than 350 teammates in the Netherlands, Spain and Kenya.

**Incentro Africa** is part of Incentro International and the first office in Africa, supporting the African market

**Incentro Africa**

We currently offer our **services** in more than 26 Countries in Africa from our office in Nairobi, Kenya.

O Incentronauts

# Great Place To Work®

**Incentro Africa** has been placed as 6th greatest place to work in Africa!

# What we do

From our office right in here Kenya we service customers in Europe and Africa with Cloud based solutions. As they only Google Premier partner in the region we are proud to be regarded as the cloud expert by customers.

# Cloud migration

We support companies opening up their time to actually innovate and grab that competitive advantage by reducing time spent on operational maintenance. Migrating on-premise data(centers) to the cloud with a proven cloud strategy. From Hybrid cloud to a full cloud native infrastructure. We meet you where you are and will get you there.

# Enterprise collaboration

In the age of the Cloud Worker, collaboration is different. Especially now the world has changed beyond recognition. Incentro supports companies to become more efficient by implementing tools and practices that boost their productivity.

Using existing productivity solutions like Google Workspace in combination with training, change management and support we help companies boost their returns on investments.
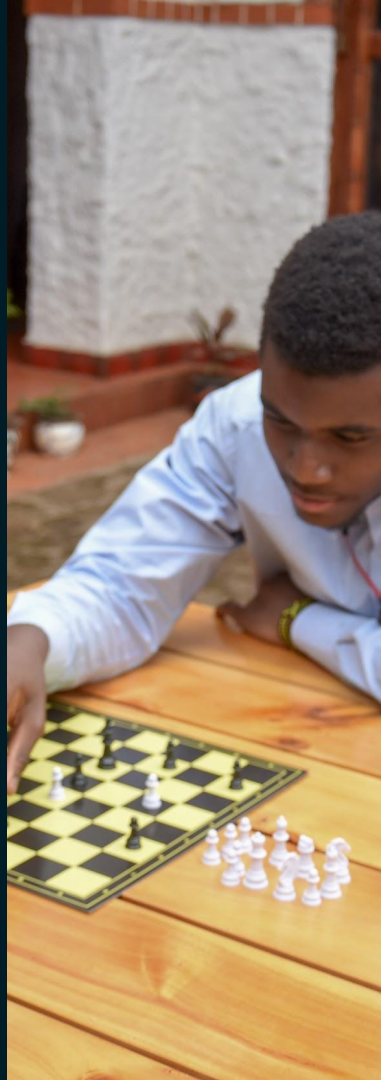
### Custom solutions

We extend Google Workspace to meet our customers' requirements. For instance, we've built an email signature manager that makes every email into a marketing tool.

### Chrome enterprise

Reduce expenses for hardware and maintenance by secure and easy to use Chromebooks.

### Video conferencing

As an essential part of working from home and connecting to other all over the world, we offer easy to use Google Meet kits.

# High quality software development

We design and build cloud based software solutions for our customers in Europe and Africa. With over 25 years of experience our best practices for Agile software development generates high quality solutions based upon the innovative cloud architecture for our customers.

We build a wide range of solutions: Apps (hybrid/native), Websites (WordPress/ REACT), Web based applications and conversational AI.

# Working with Incentro

As a Google partner for more than 10 years we have extensive experience and are highly awarded for our skills and expertise delivering Google Cloud solutions.

Google Cloud
Partner

SPECIALIZATION
Work Transformation Enterprise

Google Cloud

SPECIALIZATION
Infrastructure

Google Cloud

SPECIALIZATION
Machine Learning

Google Cloud

About

# Cloud services

By Simon

# Cloud Locations & Network

**24** REGIONS

**73** ZONES

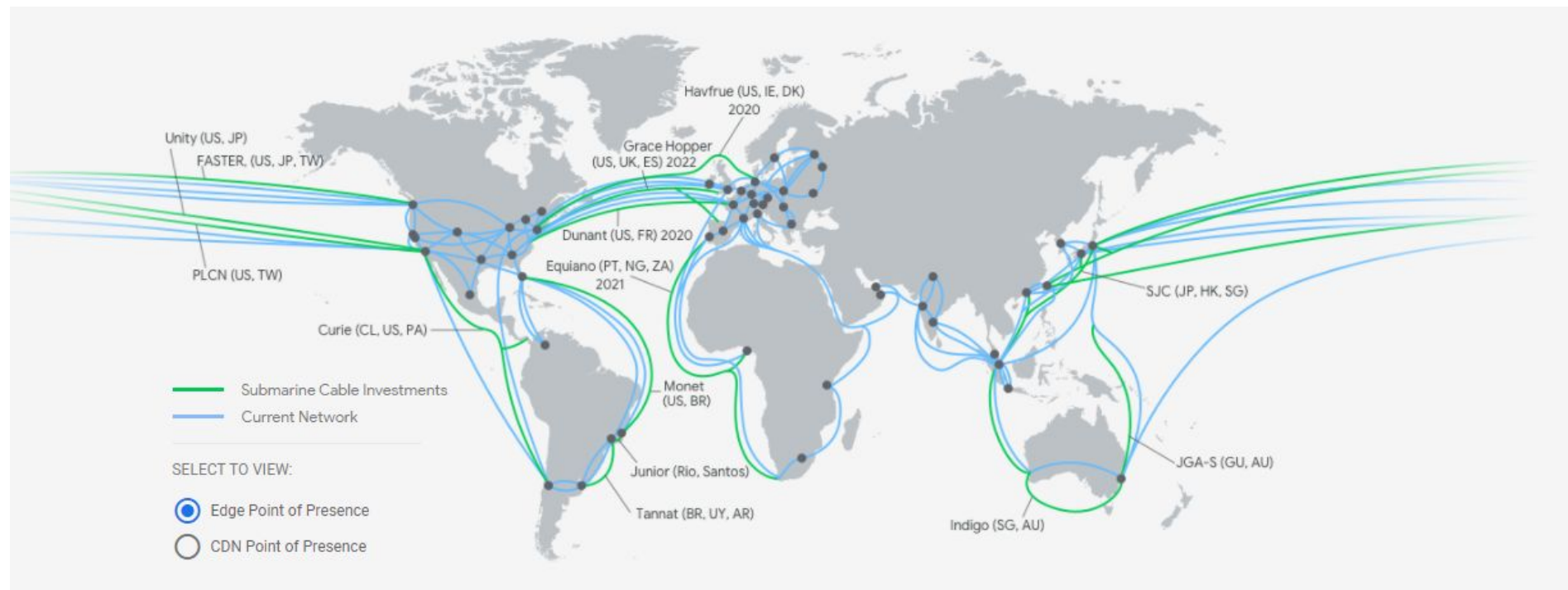**144** NETWORK EDGE LOCATIONS

AVAILABLE IN
**200+** COUNTRIES AND TERRITORIES

COMING SOON! Google Cloud will continue expanding into the following regions: Warsaw (Poland), Doha (Qatar), Toronto (Canada), Melbourne (Australia), Delhi (India), Paris (France), Milan (Italy), Santiago (Chile), and Madrid (Spain).

# Physical DataCenter

# Physical Network & PoP



Havfrue (US, IE, DK) 2020
Grace Hopper (US, UK, ES) 2022
Unity (US, JP)
FASTER, (US, JP, TW)
Dunant (US, FR) 2020
PLCN (US, TW)
Equiano (PT, NG, ZA) 2021
SJC (JP, HK, SG)
Curie (CL, US, PA)
Monet (US, BR)
JGA-S (GU, AU)
Junior (Rio, Santos)
Tannat (BR, UY, AR)
Indigo (SG, AU)

Submarine Cable Investments
Current Network

SELECT TO VIEW:
◉ Edge Point of Presence
○ CDN Point of Presence

## Compute

From virtual machines with proven price/performance advantages to a fully managed app development platform.

Compute Engine

App Engine

Kubernetes Engine

Container Registry

Cloud Functions

## Storage and Databases

Scalable, resilient, high performance object storage and databases for your applications.

Cloud Storage

Cloud Bigtable

Cloud Datastore

Cloud SQL

## Networking

State-of-the-art software-defined networking products on Google's private fiber network.

Cloud Virtual Network

Cloud Load Balancing

Cloud CDN

Cloud Interconnect

Cloud DNS

## Management Tools

Monitoring, logging, and diagnostics and more, all a easy to use web management console or mobile app.

Stackdriver Overview

Monitoring

Logging

Error Reporting

Debugger

Deployment Manager & More

## Big Data

Fully managed data warehousing, batch and stream processing, data exploration, Hadoop/Spark, and reliable messaging.

BigQuery

Cloud Dataflow

Cloud Dataproc

Cloud Datalab

Cloud Pub/Sub

Genomics

## Machine Learning

Fast, scalable, easy to use ML services. Use our pre-trained models or train custom models on your data.

Cloud Machine Learning Platform

Vision API

Speech API

Translate API

## Developer Tools

Develop and deploy your applications using our command-line interface and other developer tools.

Cloud SDK

Deployment Manager

Cloud Source Repositories

Cloud Endpoints

Cloud Tools for Android Studio

Cloud Tools for IntelliJ

Google Plugin for Eclipse

Cloud Test Lab

## Identity & Security

Control access and visibility to resources running on a platform protected by Google's security model.

Cloud IAM

Cloud Resource Manager

Cloud Security Scanner

Cloud Platform Security Overview

# Identity & Security

**Cloud IAM (Identity & Access Management)**

Fine-grained access control and visibility for centrally managing cloud resources

**Cloud Resource Manager**

Hierarchically manage resources by project and organization

**Cloud Security Scanner**

Automatically scan your App Engine apps for common vulnerabilities

**Cloud Platform Security Overview**

Deploy on an infrastructure protected by more than 500 top experts in information, application, and network security

# Compliance offerings

**Cloud Computing Compliance Controls Catalog (C5)**

Learn more

**EBA Outsourcing Guidelines**

Learn more

**EIOPA Cloud Outsourcing Guidelines**

Learn more

**South Africa POPI**

Learn more

**HIPAA**

Learn more

**EU Model Contract Clauses**

Learn more

**GDPR**

Learn more

**HDS**

Learn more

**ISAE 3000 Type 2 Report**

Learn more

**NHS Information Governance**

Learn more

About

# The Data Protection Act

**By Neema**

# Legal Framework Overview

> **The Data Protection Act 2019 came into force in November 2019.**

> **The Act is designed to protect the privacy of individuals by regulating activities of personal data collection, processing, use or exchange. The Act to provides for the rights of data subjects and obligations of data controllers and processors.**

> **The DPA is meant to give effect to Article 31(c) and (d) of the Constitution.**
*Article 31 – Every person has the right to privacy, which includes the right not to have: (c) information relating to their family or private affairs unnecessarily required or revealed; or (d) the privacy of their communications infringed.*

**Information must be:**

**01.** **Fairly and lawfully processed**

**02.** **Processed for specified purposes**

**03.** **Adequate, relevant and not excessive**

**04.** **Accurate and up-to-date**

**05.** **Not kept for longer than is necessary**

**06.** **Processed in line with individuals' rights**

**07.     Secure**

**08.     Not transferred outside Kenya without proof of adequate protection**

**Information must be:**

**A natural or legal person, public authority, agency or other body which, alone or jointly with others, determines the purpose and means of processing of personal data**

**Data Controller**

a natural or legal person, public authority, agency or other body which processes personal data on behalf of the data controller

**Data Processor**

# Registration requirements

**The Data Controller or Data Processor must apply to the Data Commissioner for registration as a controller or processor.**

**In addition to the applicant's contact details, the application must show:**

- a description of the personal data to be processed by the data controller or data processor;
- a description of the purpose for which the personal data is to be processed;
- the category of data subjects, to which the personal data relates;
- a general description of the risks, safeguards, security measures and mechanisms to ensure the protection of personal data; and
- any measures to indemnify the data subject from unlawful use of data by the data processor or data controller.

\* A renewal registration certificate is then issued to the applicant.

# Processing of personal data - what is allowed and what is not

**There are six lawful bases for processing data:**

1. **Consent** Obtained from the data subject
2. **Performance of a Contract** Processing activity is necessary for the performance of a contract to which the data subject is a party
3. **Legal compliance** - processing activity is necessary for compliance with any legal obligation

# Processing of personal data - what is allowed and what is not

**There are six lawful bases for processing data:**

4. **Vital Interest** processing activity is necessary in order to protect the vital interests of the data subject or another natural person.
5. **Public interest** processing is necessary for the performance of a task carried out in the public interest
6. **Legitimate interest** processing activity is necessary for the data collector to function
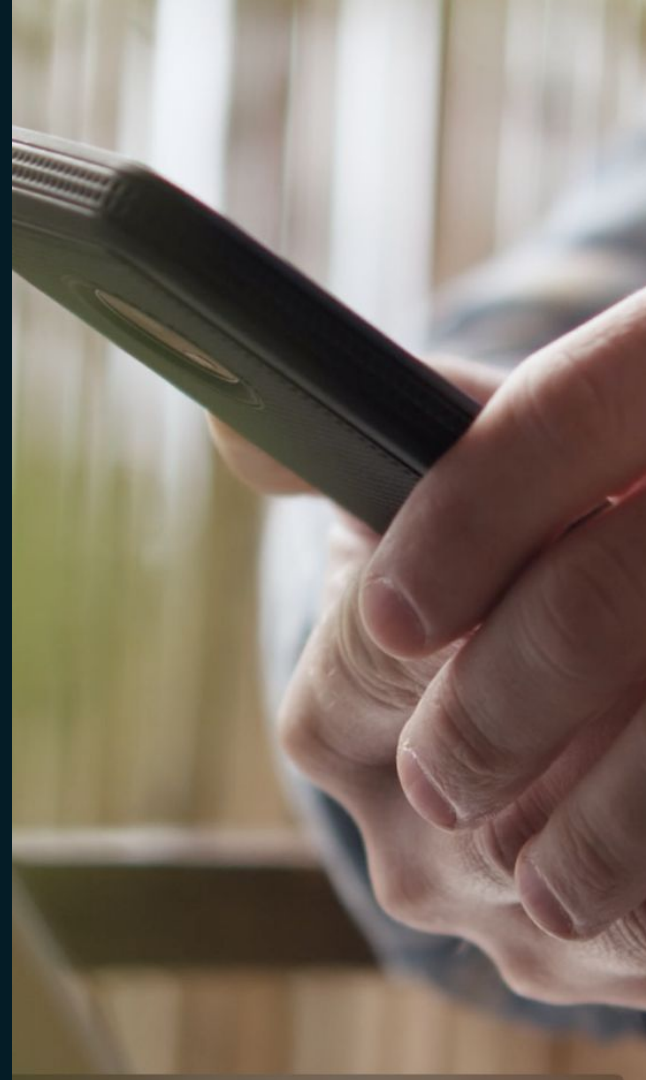
## DATA TRANSFER

**A data controller or data processor may transfer personal data to another country only where the data controller or data processor has:**

a. given proof to the Data Commissioner on the appropriate and adequate data protection safeguards with **respect to the security and protection** of the personal data; or

b. obtained **consent** from the data subject.

# Data Protection Officer

**It is recommended to designate a Data Protection Officer (DPO) to act as the contact person for your data protection needs.**

**The DPO will:**

**Ensure the data processing activities are in compliance with the DPA and all laws in other jurisdictions with commensurate data protection obligations.**

**Conduct and provide advice on data protection impact assessments.**

**Cooperate with the Data Commissioner and any other Authority on matters relating to data protection.**

**Act as the contact person for data subjects especially incase of a data breach.**

**About**

# Using cloud DPA complaint

**Panel discussion with Neema & Simon**

# incentro

LET'S EMBRACE CHANGE