Who is Cloud Carib?

Cloud Carib is the region's premier provider of trusted cloud and managed services founded upon the principles of delivering quality, agility, and value. Our Solutions range from complex bespoke dedicated private cloud offerings to hybrid cloud services. Every solution provides clients with controlled costs, unrivaled levels of service, and unparalleled levels of data protection and privacy – when and where privacy matters.

Cloud Carib's services enable a true competitive advantage for each client that is unmatched in most of the world.

Headquartered in The Bahamas and offering data centre locations throughout Latin America and the Caribbean (*The Bahamas, Panama, Barbados, Jamaica and Ecuador*).

Cloud Carib's **solutions portfolio** includes:

- Security & Business Continuity
- Digital Transformation
- Cyber Security & Data Protection
- Managed Services

Regional Imperatives for Digital Transformation Post Pandemic
ACHIEVING GREATER CONTROL & SUSTAINABILITY | Cloud Carib
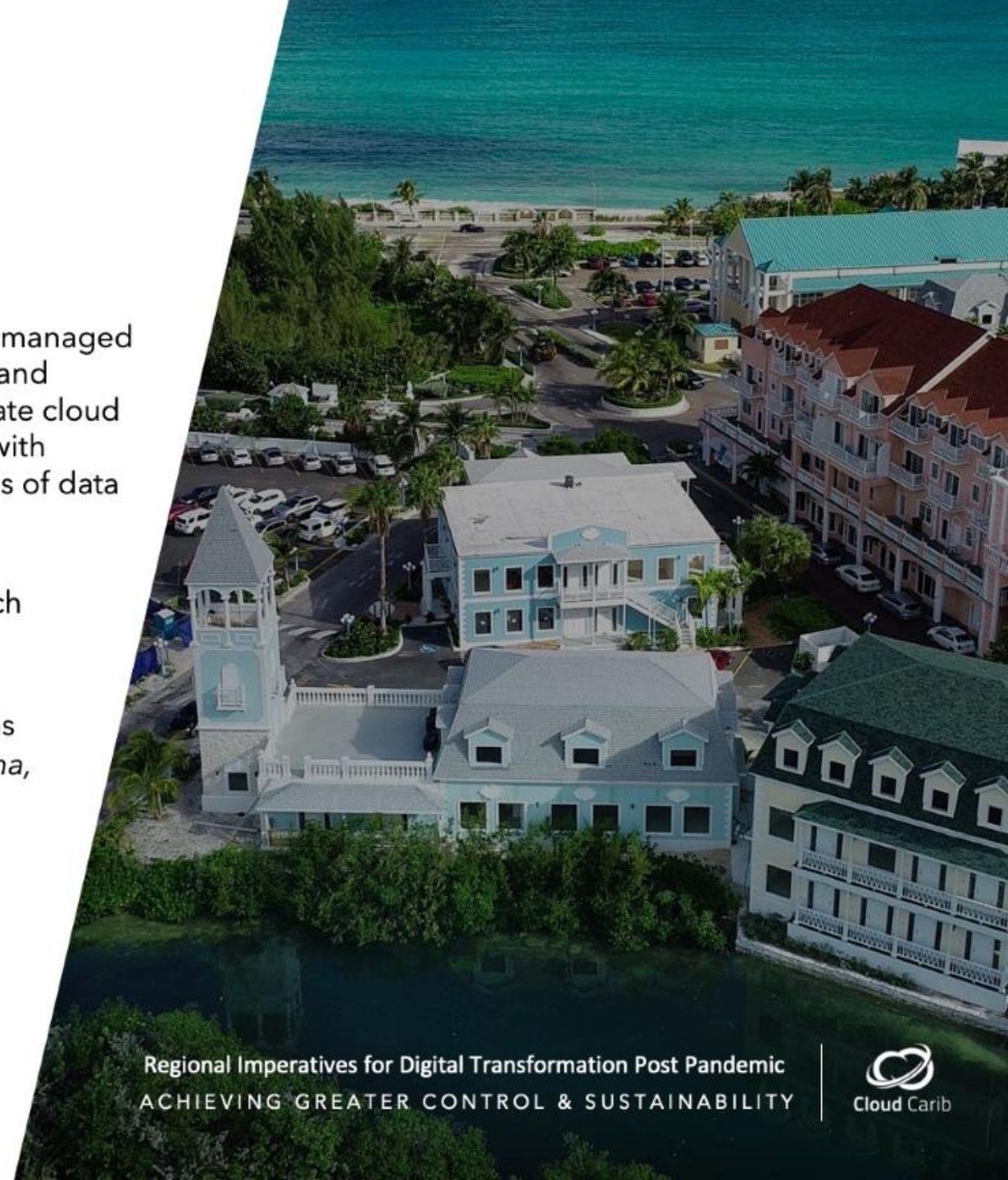
Presentation Overview

- Data Sovereignty & Data Privacy

- A Sustainable Costing Model for Digital Transformation

- Choosing a Caribbean Provider: Why Cloud Carib?

Data Sovereignty

Data Privacy

- Refers to the jurisdictional control or legal authority that can be asserted over data because of its physical location within jurisdictional boundaries.

- Data privacy generally means the ability of a person to determine for themselves when, how, and to what extent Personal Identifiable Information (PII) is accessed, shared with, communicated or used by others.

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Data Privacy Legislation in the Caribbean

Country	Act
Antigua & Barbuda	Data Protection Act, 2013
The Bahamas	Data Protection (Privacy of Personal Information) Act
Barbados	Barbados Data Protection Act, 2019
Jamaica	Data Protection Act, 2020
St. Kitts & Nevis	Data Protection Act, 5 of 2018
St. Lucia	Data Protection Act, 2011
St. Vincent & The Grenadines	Privacy Act of 2003
Trinidad & Tobago	Data Protection Act, 2011

Why is this Important to Caribbean Governments?

United Nations Economic Commission for Latin America and the Caribbean **(ECLAC) report states:**

"Due to its extraterritorial scope and influence, the GDPR is prompting the harmonization of data protection legislation around the world and **a number of Caribbean countries and territories are following suit.**

The study concludes that implementing data protection legislation aligned with the GDPR across the sub-region will not only **guarantee individual privacy rights** but also help to create an enabling environment for data sharing and **e-governance** and facilitate data and trade flows within and outside the Caribbean."

Source: Creating an enabling environment for e-government and the protection of privacy rights in the Caribbean: A review of data protection legislation for alignment with the General Data Protection Regulation

DATA SOVEREIGNTY & DATA PRIVACY

Data Protection Legislation

The GDPR has a very strong component on the storage and processing of PII data in non-EU jurisdictions.

Currently **only twelve (12) jurisdictions** are recognized as having adequate legal provisions for the processing and storage of European PII data.

Note: The USA is not one of those recognized countries.

Where exactly *IS* your data?

These familiar platforms that may be putting your data at risk due to data residency and compliance requirements

1 **MICROSOFT TEAMS**

2 **ZOOM**

3 **GOOGLE CLASSROOM**

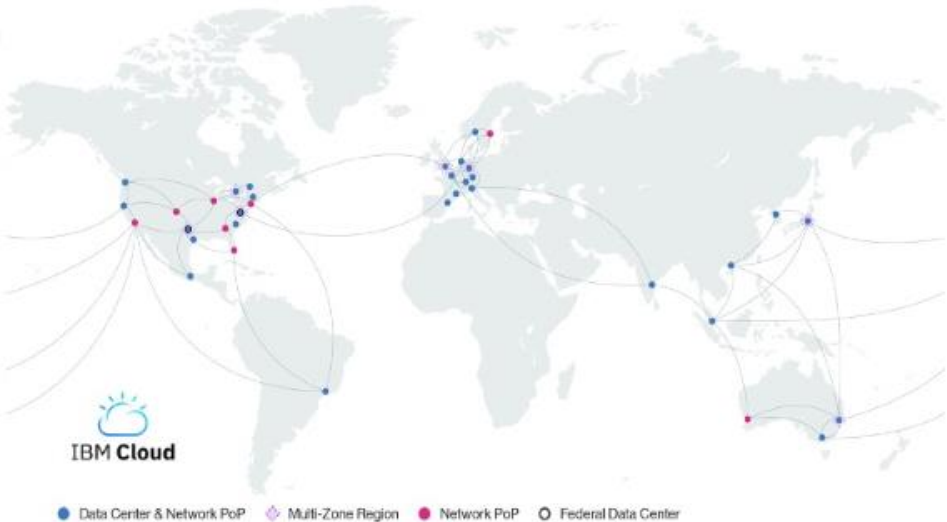4 **OFFICE 365**

5 **VIRTUAL EVENT PLATFORMS**

Covid-19 has dramatically increased use of ICT and Cloud-based solutions specifically

Source: Creating an enabling environment for e-government and the protection of privacy rights in the Caribbean: A review of data protection legislation for alignment with the General Data Protection Regulation

DATA SOVEREIGNTY & DATA PRIVACY

FOREIGN PRESENCE IN THE REGION

ZERO
Total data centres in the Caribbean

The largest cloud platform providers in the world

aws

Azure

Google Cloud

Alibaba Cloud

IBM Cloud

A Sustainable Costing Model for Digital Transformation

A SUSTAINABLE COSTING MODEL FOR DIGITAL TRANSFORMATION

Capital Costs (CapEx)

CapEx Capital costs are fixed, one-time expenses incurred on the purchase of equipment (servers, network switches, firewalls, software, etc.)

Operation Costs (OpEx)

Operational costs are associated with the maintenance and administration of an organization on a day-to-day basis.

Challenges of CapEx for ICT

- Digital Transformation will require significant capital investment
- Lifecycle for certain core ICT products is short (5 – 7) years
- Capital Expenditure spikes will occur in short intervals
- Error-prone guesswork to estimate future capacity needs for static hardware/software
- Lengthy and arduous processes to estimate budgets and approvals
- Lengthy tendering and complex tendering processes
- Once the technology is purchased, the organization is stuck with it – despite technology advancements or changes in company growth

Advantages of OpEx through Strategic Partnerships

- Pay only for the capacity needed now and scale as requirements change
- Ease and speed up the budgeting process because strategic partnerships can be sustained over an extended period
- Make multiple investments across the organization since capital is not tied up in large upfront expenditures
- Implement projects faster as there is not a requirement to seek significant levels of up-front capital budgets
- Smooth out cash flows over time instead of requiring spiked outlays
- Scalability

A SUSTAINABLE COSTING MODEL FOR DIGITAL TRANSFORMATION

Software-as-a-Service (SaaS) has quickly become the norm

Inevitability of the OpEx model **subscription services:**

Many other ICT software providers are moving to cloud-based subscription models:

- Human Resource applications

- Financial management systems

- Database Management systems, etc.

What are the implications to **moving to an OpEx model?**

- Lease/Buy Services over time
- The onus is on the service provider to maintain and update the environment (IaaS, PaaS, SaaS)
- Use of Service Level Agreements (SLA) are in place to manage service delivery
- Change in functions/roles for government ICT Departments

Clientele

Clients spanning a variety of industries

- Government
- Financial Services
- Legal
- Entertainment & Hospitality
- Healthcare
- IT Integrators & Software Developers

**Cloud Carib does not provide hosting for illicit gambling and pornographic sites – the only high trust service provider in the Caribbean
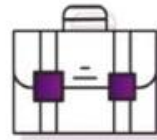
We specialize in working with these verticals:

| Legal | Governments | Hospitality | Financial | Professional Services |

DEVELOPMENT IN THE REGION

CURRENT PODS 6
FUTURE SITES 3

FREEPORT, BAHAMAS
NASSAU, BAHAMAS
DOMINICAN REPUBLIC
JAMAICA
BARBADOS
TRINIDAD
PANAMA
GUYANA
ECUADOR

Cloud Carib

Local Development
Education & Knowledge Transfer
Regional Investment

Hybrid Cloud

FREEPORT, BAHAMAS

NASSAU, BAHAMAS

JAMAICA

DOMINICAN REPUBLIC

BARBADOS

TRINIDAD

PANAMA

GUYANA

ECUADOR

Private Cloud

GOVERNMENT   TELCO   HEALTHCARE
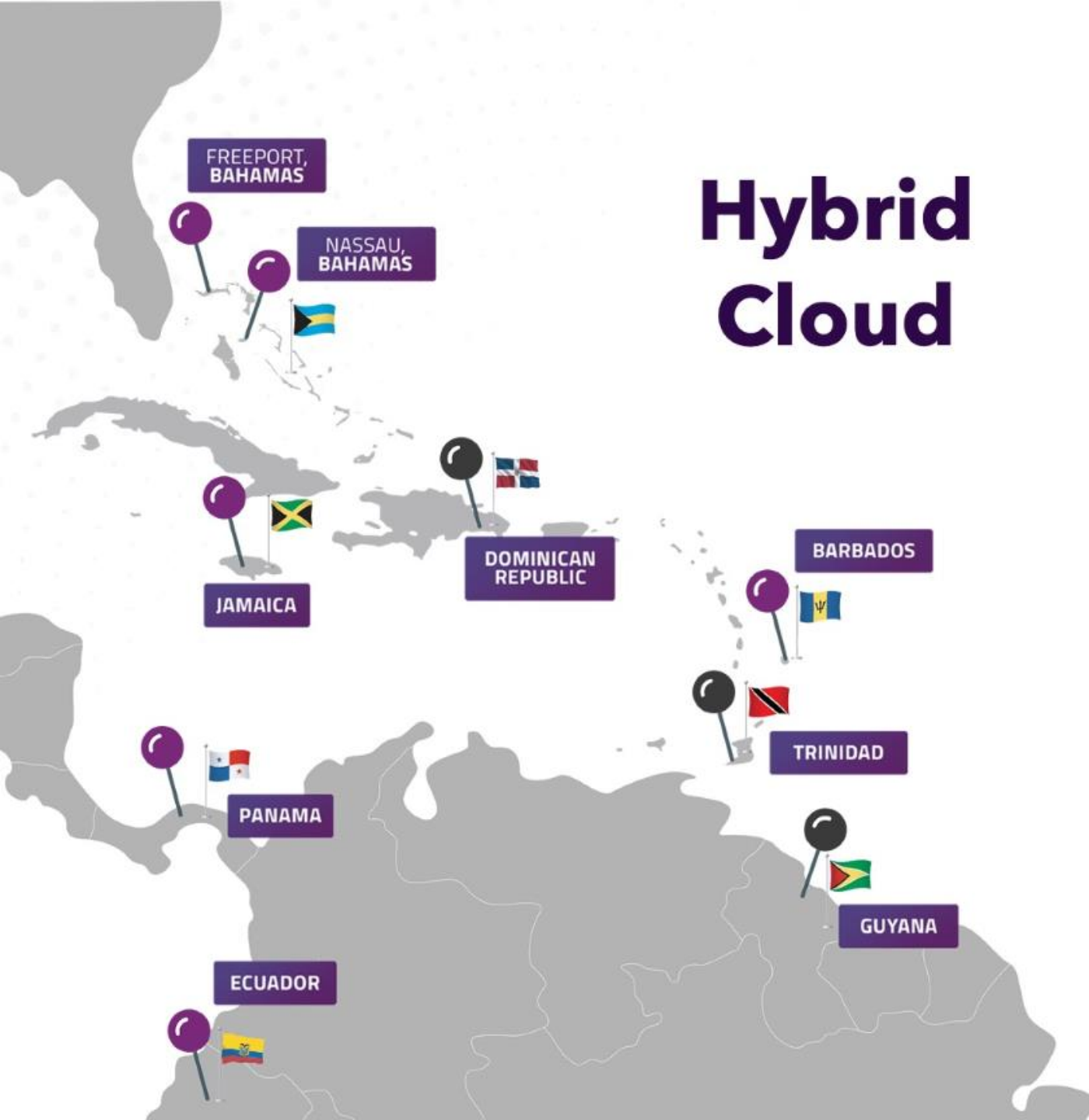
Cloud Carib

Centre of Excellence

- Dedicated facility to promote cutting edge ICT in the Caribbean Region

- State-of-the art infrastructure for small conferences/workshops, etc.

- Available to Caribbean governments and regional organizations as well as commercial ICT vendors

- Promoting strategies for ICT sustainability and resilience in the region