



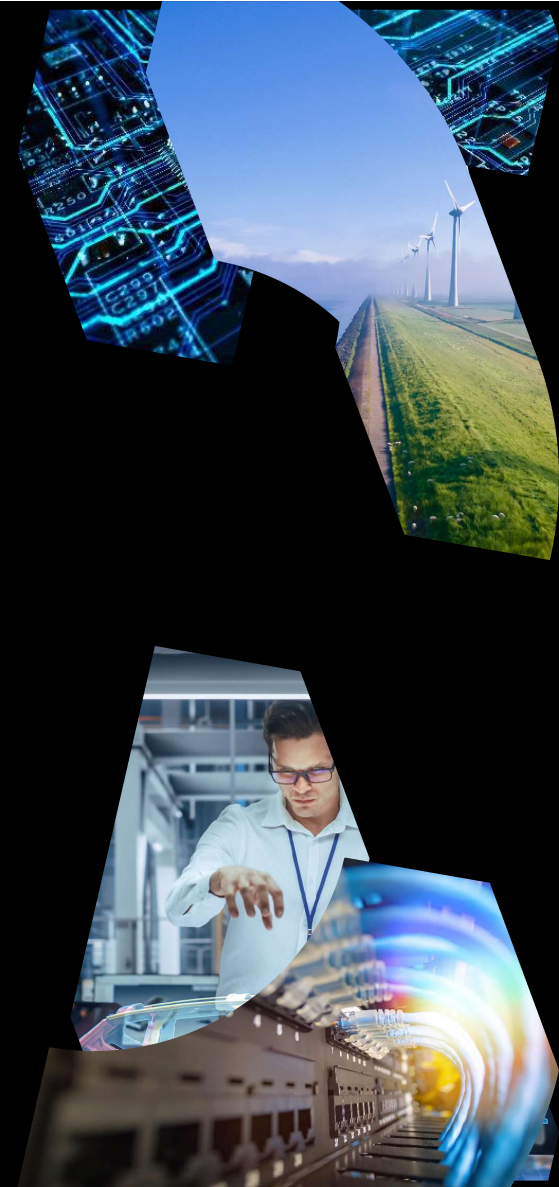
The meeting place for companies and data

inetum.

Data Sovereignty

Deployment considerations and strategies

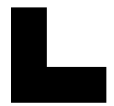
Geert Vandermeulen





Data Sovereignty

In the context of the data center



Global Data Insights Survey

Q1 - 2024



2254 responses
11 countries
21 industries

1. Data-first strategies advance AI innovation

79%

of Data and AI Leaders are executing a formal data strategy to guide IT infrastructure investments

2. Data is pervasive and growing

53%

of Data and AI Leaders prioritize sufficient investments in data systems, infrastructure, and analytics

3. Data localization matters more than ever

52%

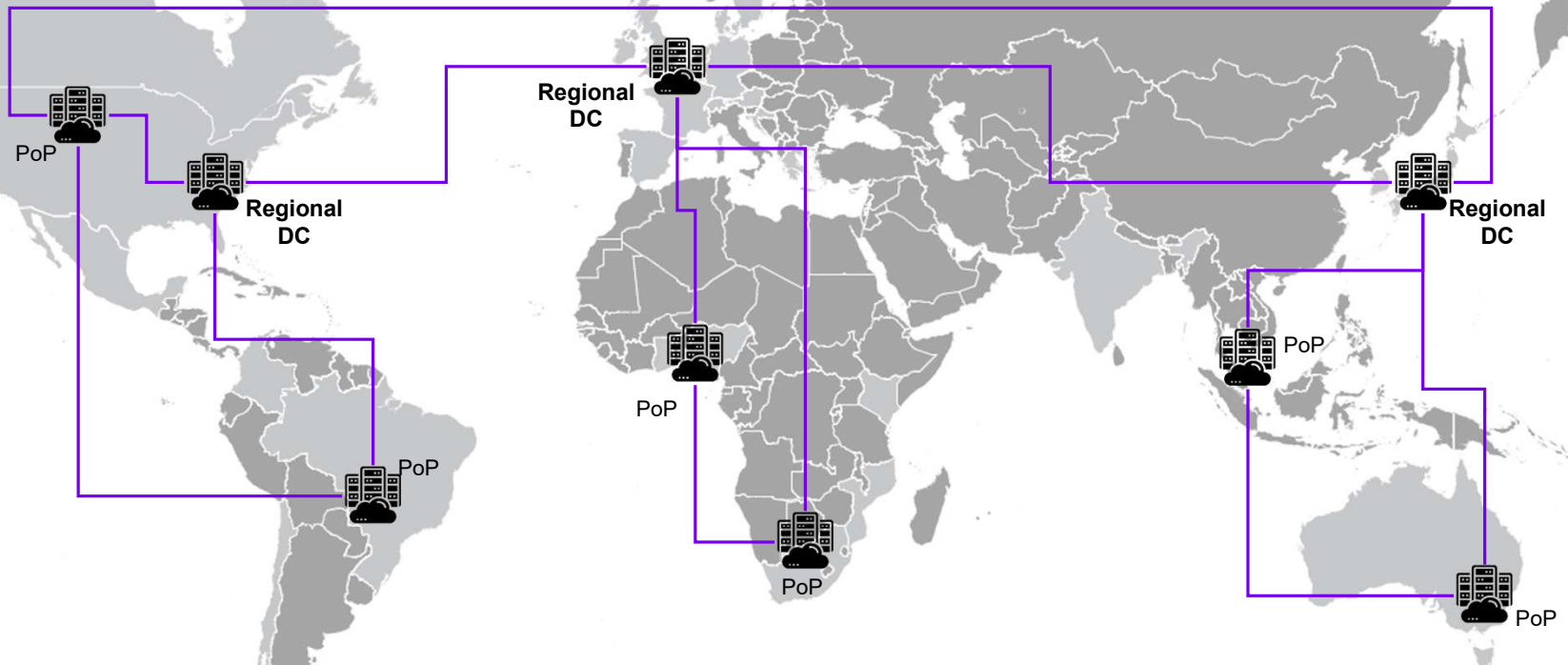
of Data and AI Leaders localize workloads closer to data and users for successful AI strategies

4. Data drives the business agenda

37%

of Data and AI Leaders analyze and draw insights from data

Deployment example – No sovereignty considerations

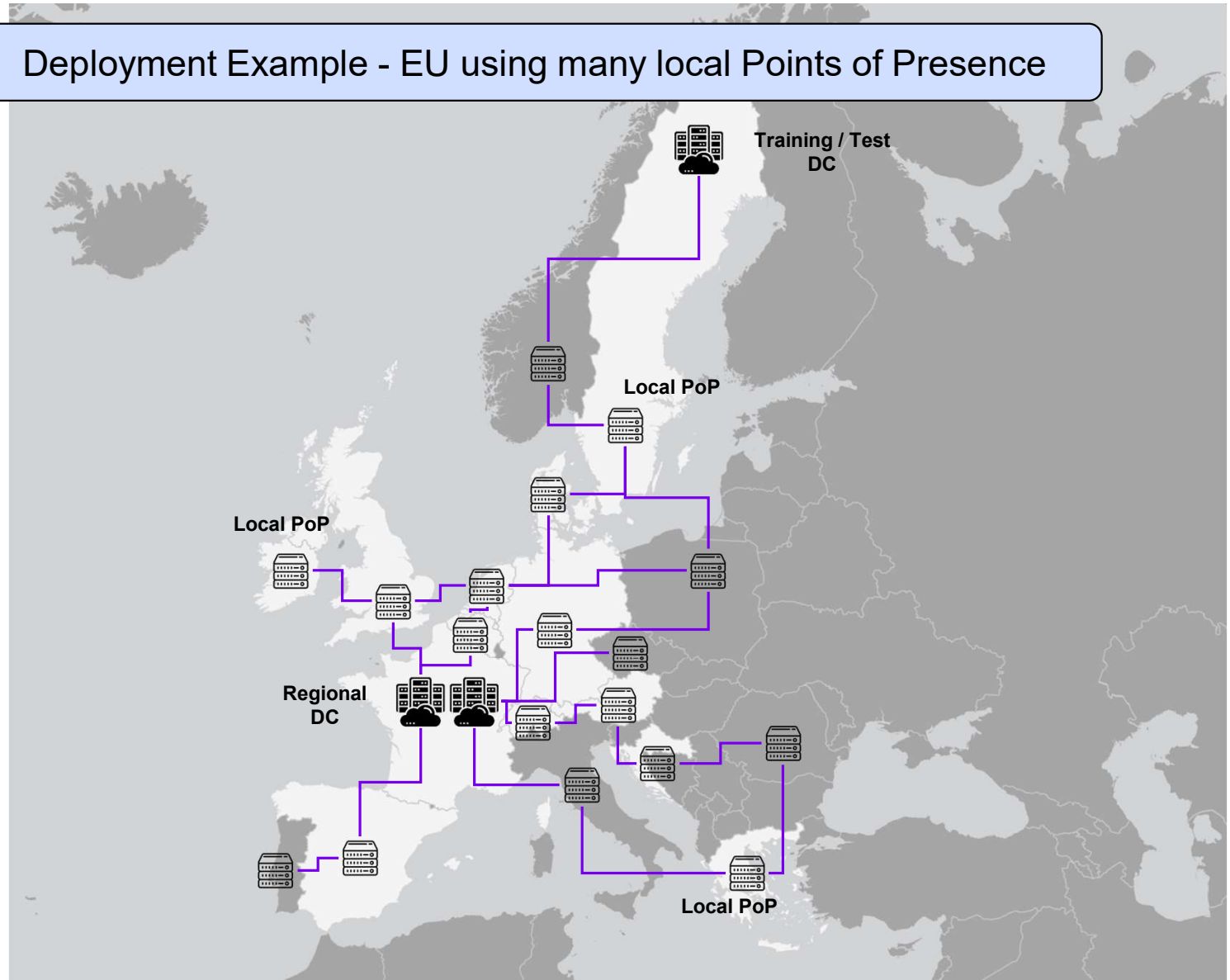


Deployment Example - EU using many local Points of Presence

- **Regional Data Centers** for most processing tasks and storing of generic data
- **Points of Presence** with local data and associated processing
- **Strategic Data Center** for App Development and simulations

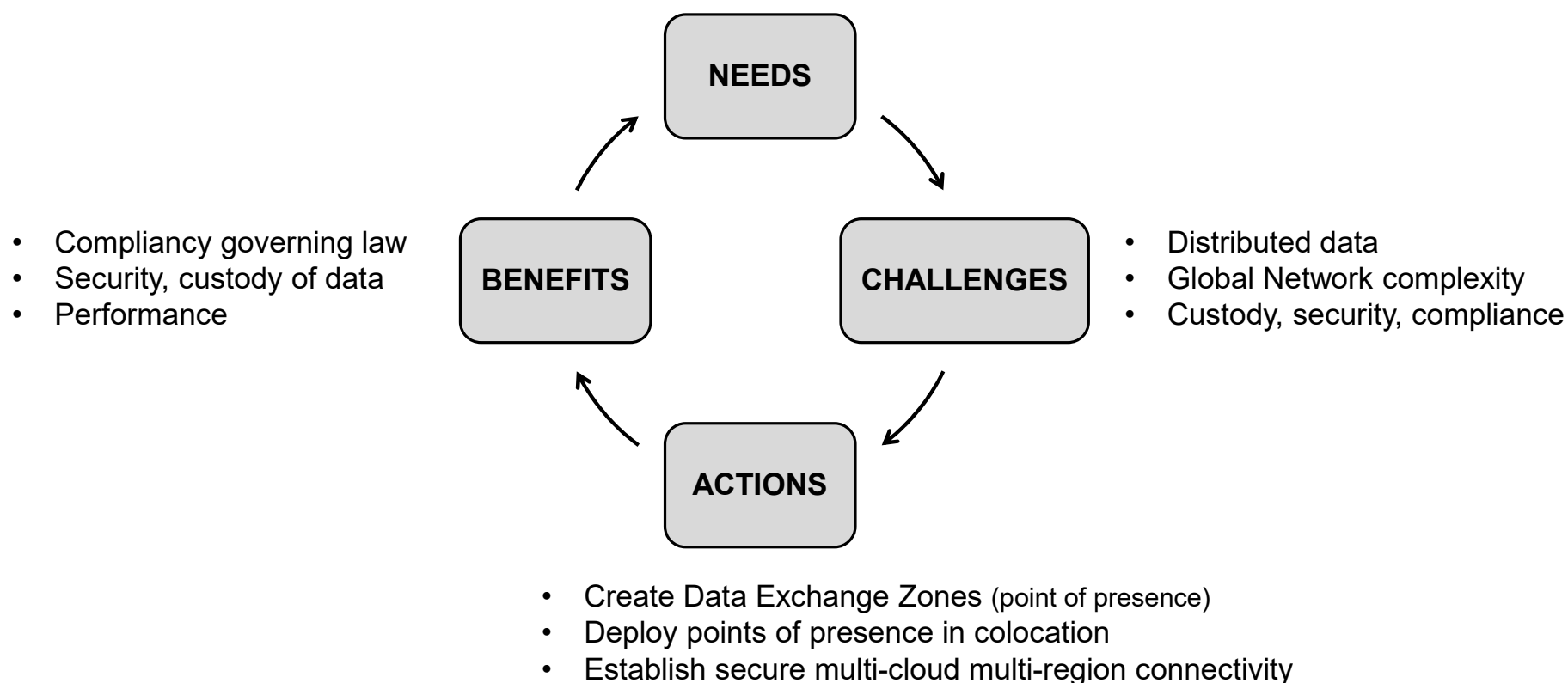
Requires an **open** and **flexible** network “fabric” with **self-service** and **pay-per-use** that **connects** to:

- Multiple Public Clouds Availability Zones / Regions
- Internet
- Managed Service Providers
- Data Providers
- Centers of Data Exchange
- Authorities
- Business Partners
- End Users



Data Sovereignty – What it means to our customers

- In region data compliance – having customers or suppliers outside of Belgium?
- Access to public/private clouds in each Point of Presence
- Scalable infrastructure to accommodate size of business in a PoP





Actions: Deploying Data with sovereignty considerations

- Create Data Hubs
- Deploy points of presence in colocation
- Establish secure multi-cloud multi-region connectivity

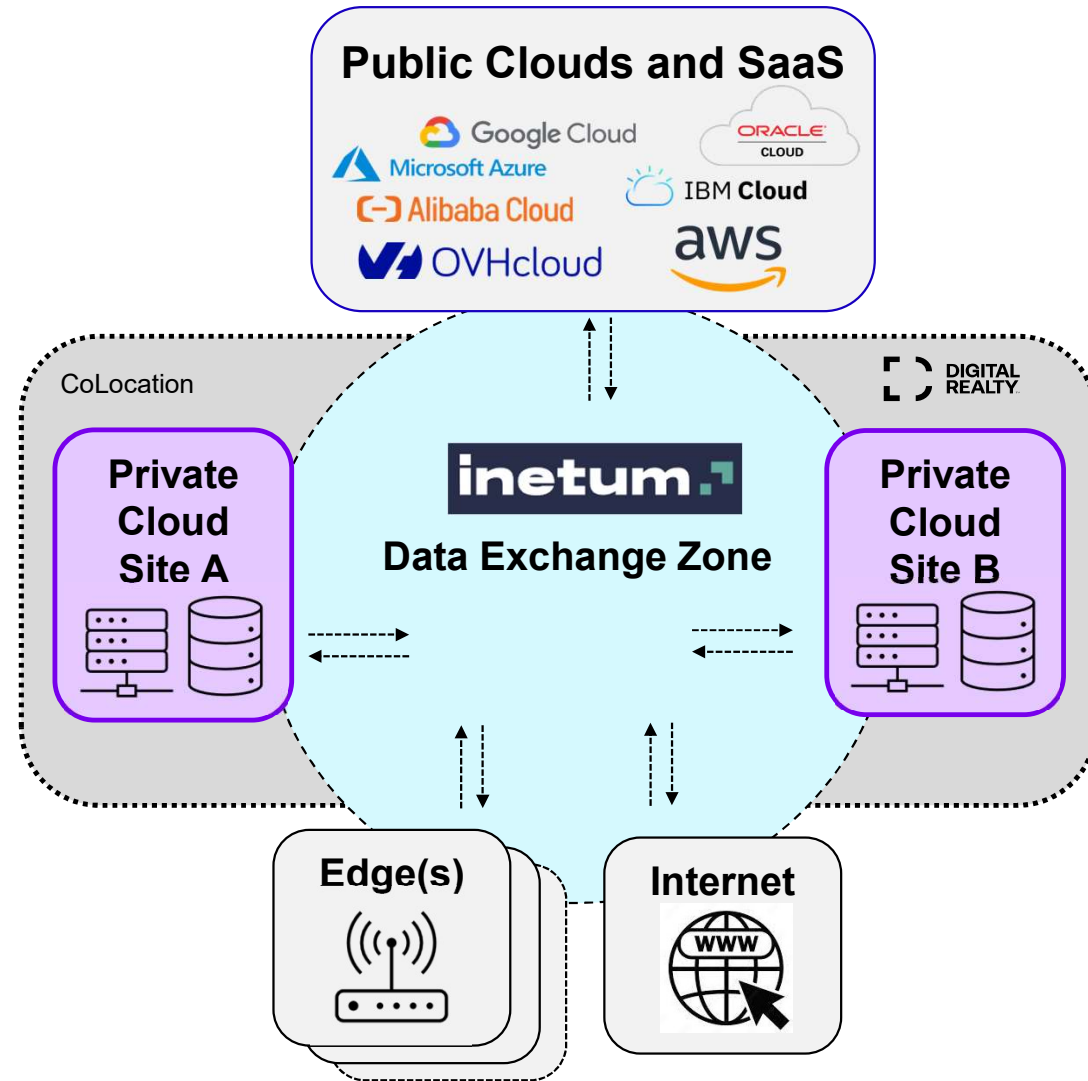
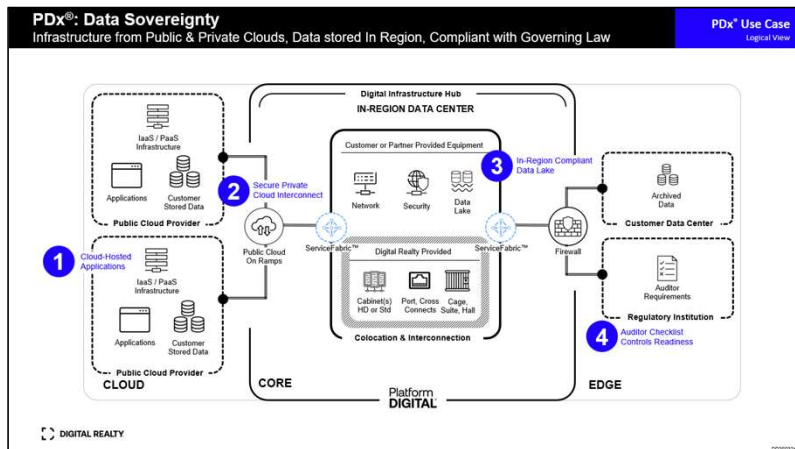


**Your data strategy is unique to your organization,
but the deployment can use standards-based building blocks**

The Data Exchange Zone

for IT platform deployment with sovereignty

Standardized deployment
blueprint for
Data Exchange Zone



Pick your points of presence

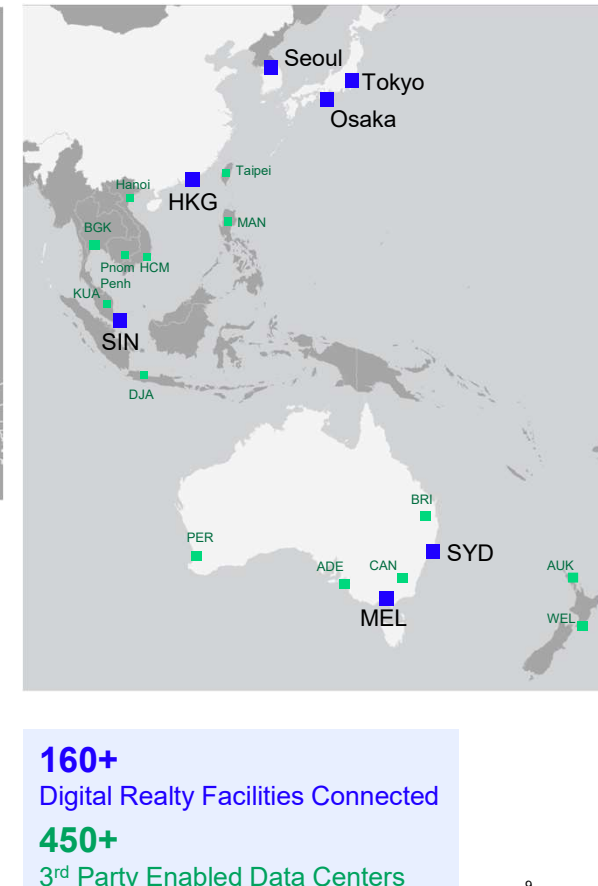
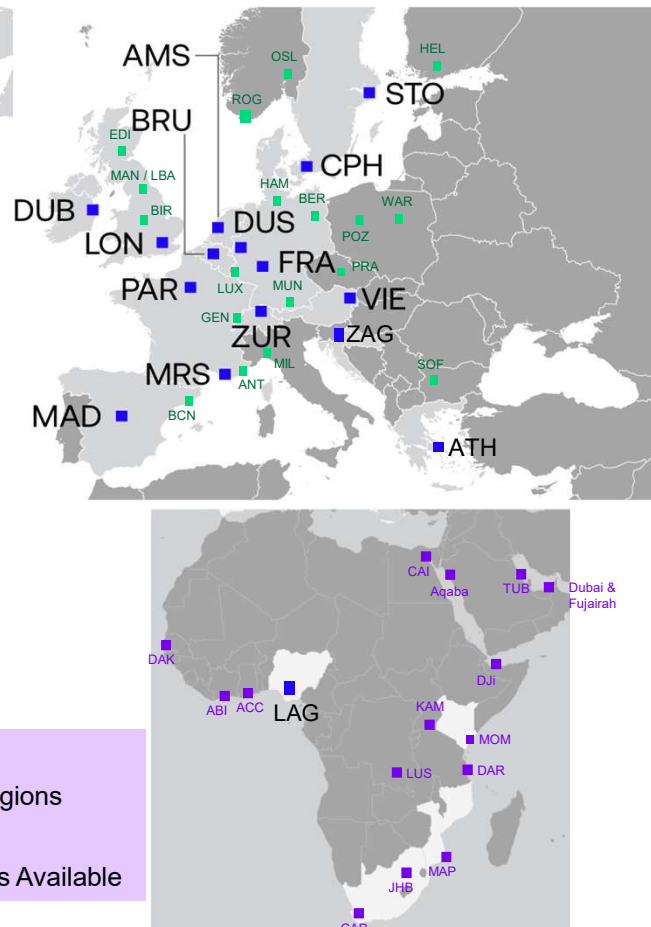
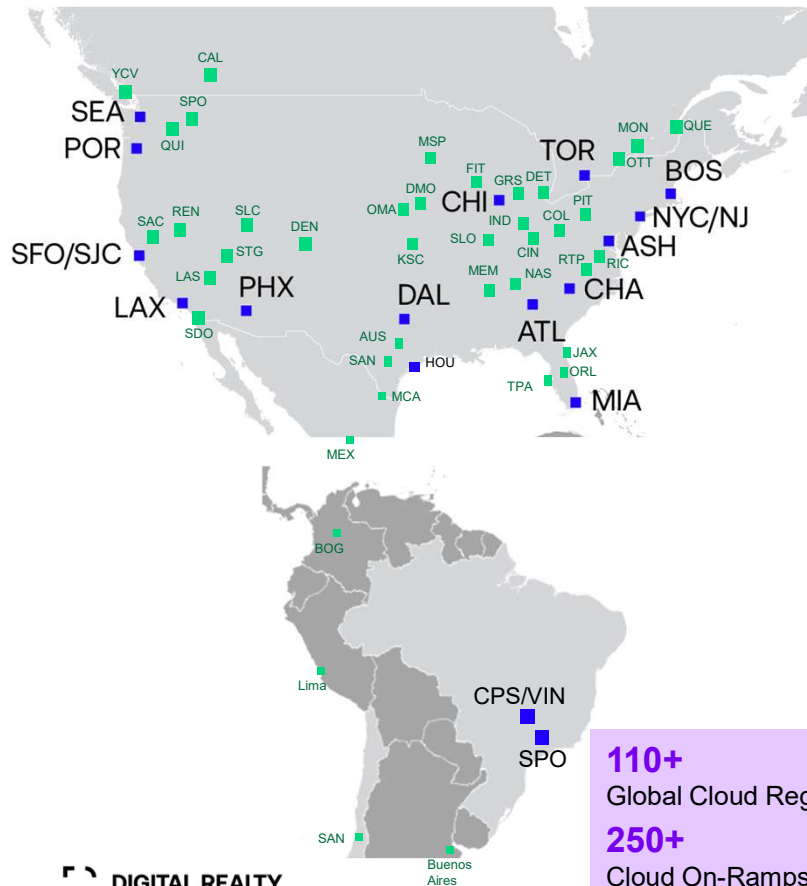
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Americas

Europe & Africa

APAC



Your own Private Cloud deployment?

- Sizing your deployment :
 - Floor Space in 19inch Racks
 - Energy Consumption (Liquid Cooling ?)

- Financial Options :
 - Metered / Unmetered Energy
 - Creating a business case for moving into Colocation

- Connectivity Requirements
 - Combining rCloud with Private Cloud

ServiceFabric™ - Multi Cloud, Multi Region Connectivity

Self Service Portal

- 1. Establish a Port** in the locations where you need connectivity
- 2. Create Links** to as many destinations as you need

To Public Clouds, other Data Centers, SaaS Providers and other participants of the platform

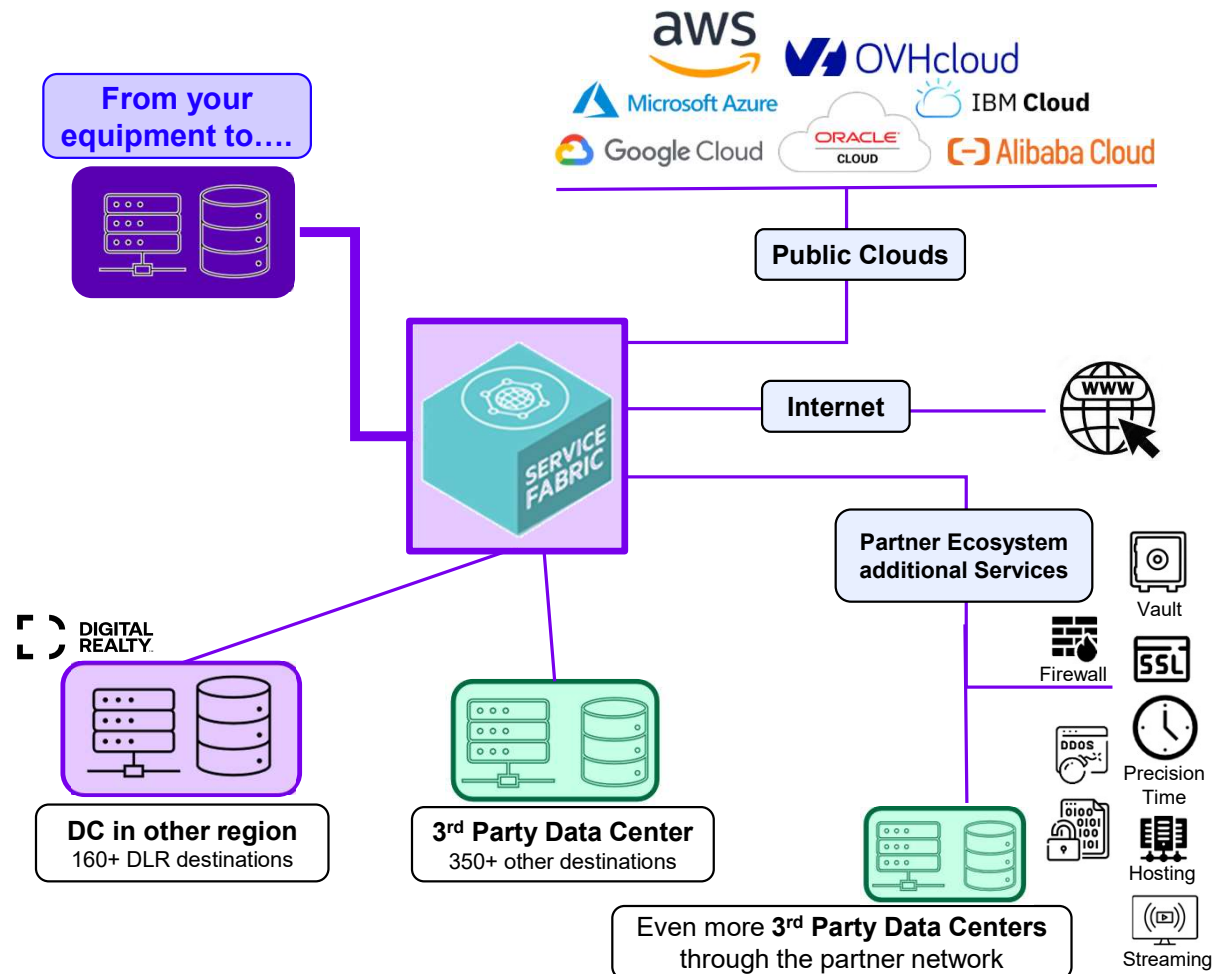
CREATE

- 3. Press** and the link will be available within a couple of minutes.

Browse the Service Directory and add Internet, security, hosting, networking and other data center related services from the partners in our ecosystem. Just Click to

+ CONNECT

 DIGITAL REALTY





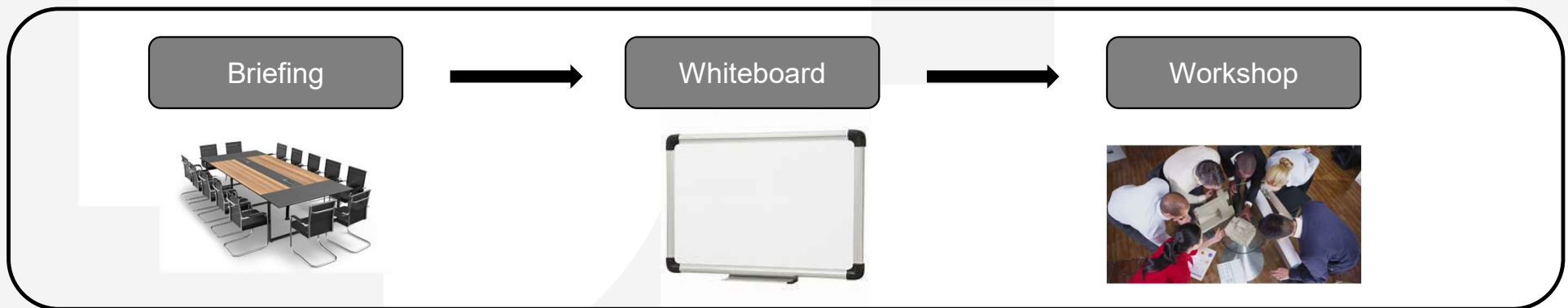
Adoption Plan for Data Sovereignty

Based on early adaptor success stories



Data Sovereignty – Activation Action Plan

1. **Strategy:** Augment your [data strategy](#) to include data sovereignty
2. **Architect:** Discuss deployment considerations, create scenario's
3. **Deploy:** Execute project implementation plan



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Questions?





Thank you

