



Edge and Equinix

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Global Principal Solutions Architecture



Equinix is the world's digital infrastructure company™.

229*	65	26	>99.9999%	375,000
Data Centers	Metros	Countries	Uptime Record	Interconnections



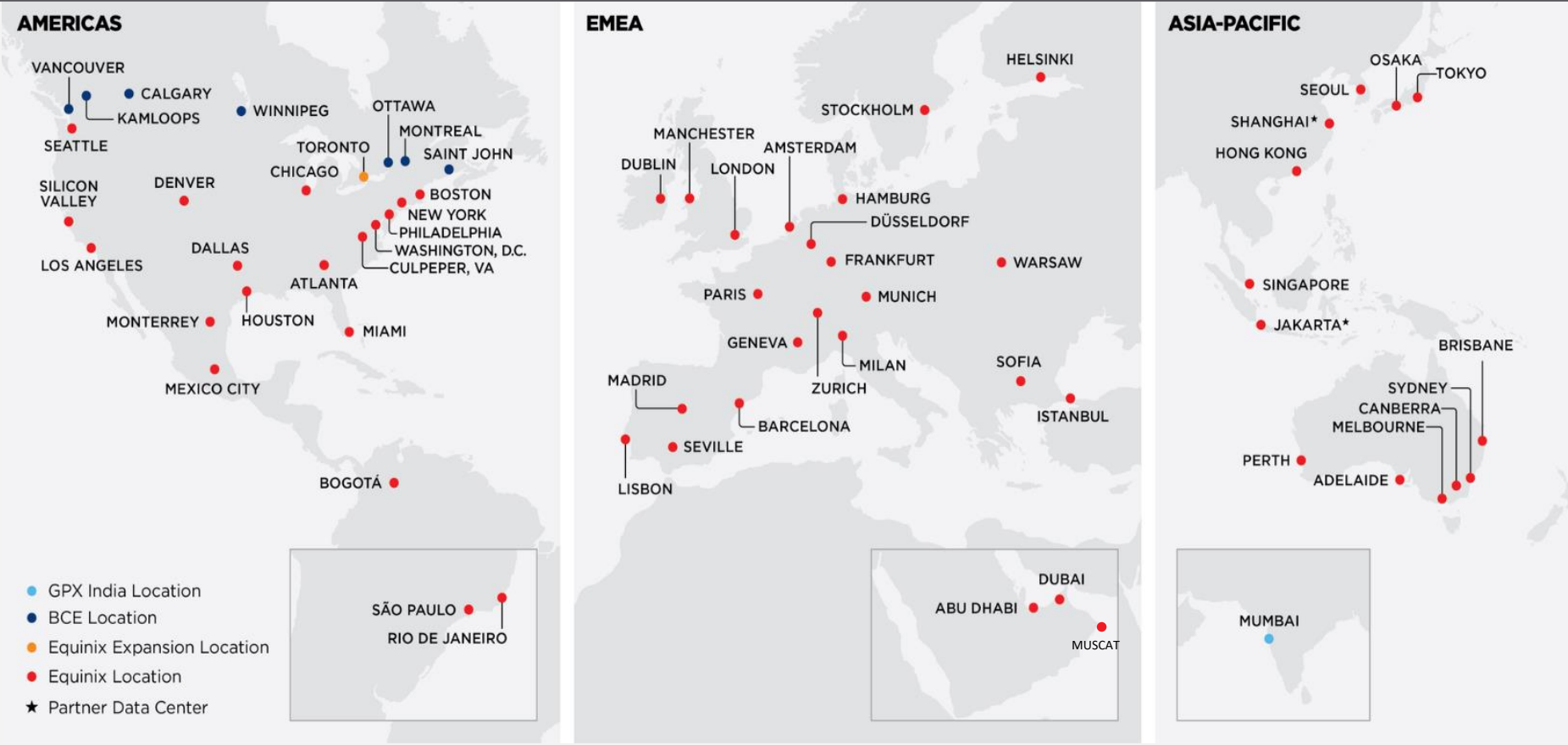
Edge



Interconnection

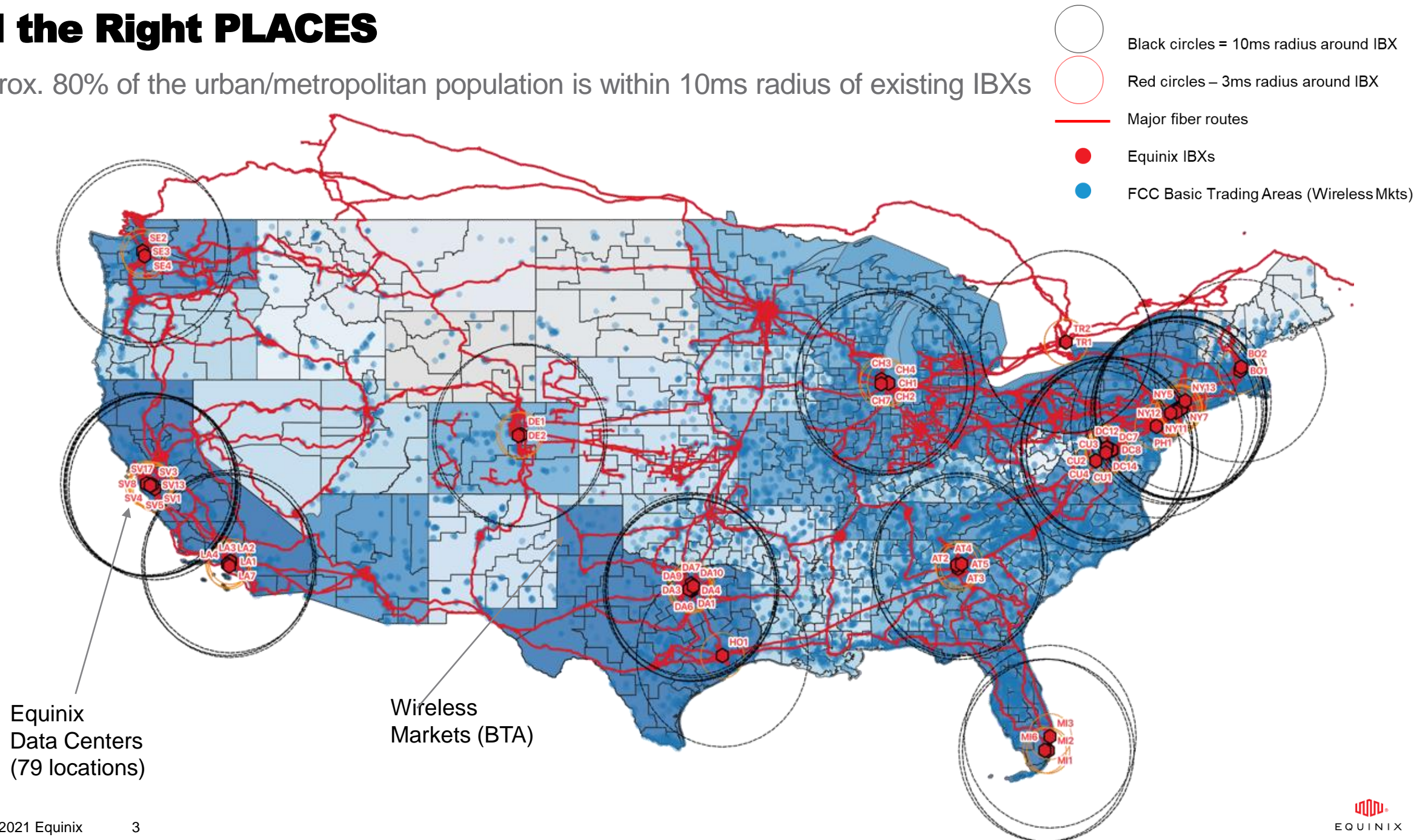


Data Center



All the Right PLACES

Approx. 80% of the urban/metropolitan population is within 10ms radius of existing IBXs



Equinix Edge Definition

Equinix Edge Focus



FAR EDGE / PREMISE

MICRO EDGE

MACRO EDGE

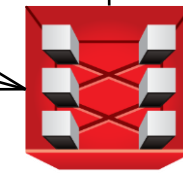
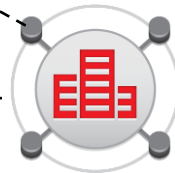
CORE

3rd Party
EDC

Equinix
EDC

3rd Party
DC

Equinix
IBXs



LATENCY (ms)
From user device

1-5

5-10

10-50

50-100

Fiber Aggregation
Tower Sites

Traffic Aggregation
Central Office
Edge Data Center
Cloud Edge Zones

Interconnection Hubs / Peering
Mobile Switching Centers
MTDC
Cloud Local Zones

Cloud AZ
Telco Core

Equinix Focus

Areas of Focus for Equinix at the Edge

Validate Use Cases

AMER POC - 5G and MNO Engagement

Use case and
ecosystem
demonstration around
5G & Edge Services

Vendors, MNO and
Enterprise

AI/ML At the edge

Partnership with AI/ML Players

NVIDIA AI LaunchPad

Nokia Data
Marketplace

Interconnect Solutions

MNO Interconnection Solutions

Bring 5G O-RAN and
EPC functions to
Equinix

Connect RAN to
Fabric

CLS/Subsea &
Satellite as interesting
edge use cases

Platform For the edge

Equinix Edge Services

Equinix Metal – bare-
metal-as-a-service
options for new service
layers

Network Edge -
Network Function
Virtualization (NFV)
as-a-service

Barriers of consumption at the Edge are driving a shift in preference towards as-a-service infrastructure

TRADITIONAL IT BARRIERS



Operational overhead

Heavy, complex, slow



Skills shortage

Alignment, availability, time



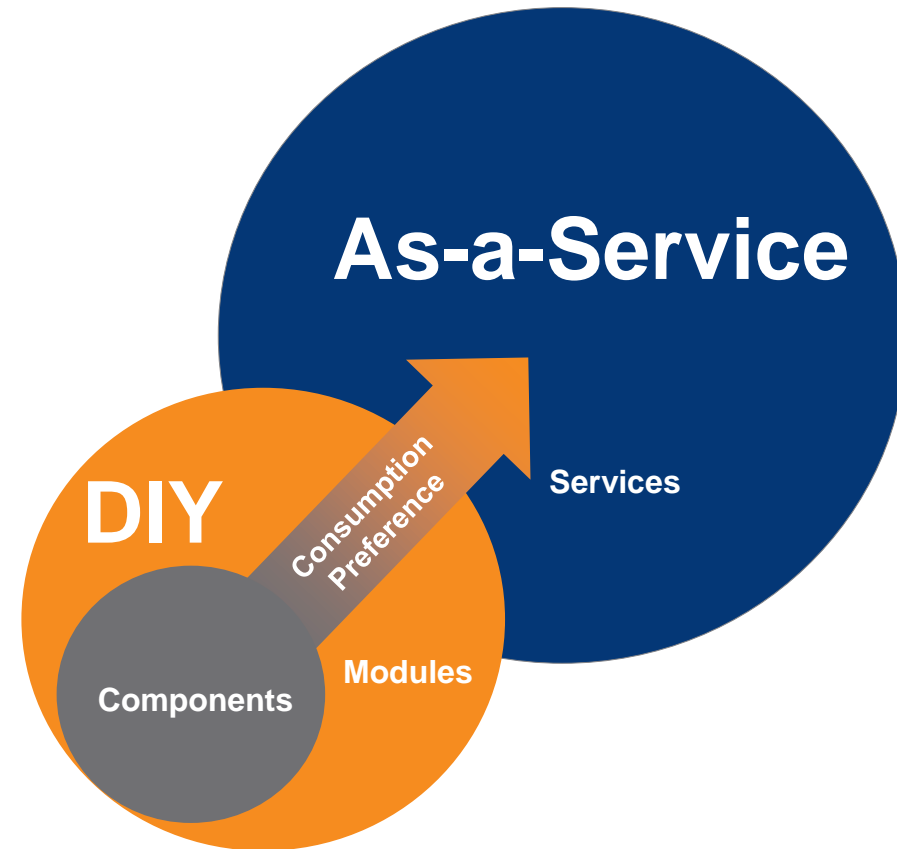
Capital outlay

Investment, fixed, uncertainty



Lack of Speed / Agility

Slow delivery and inflexibility



...driving us to evolve our platform in delivery but our core value remains unchanged

DISTINCTIVE VALUE



Global Reach



Interconnection



Ecosystems



Trust

Virtual

**On
Demand**

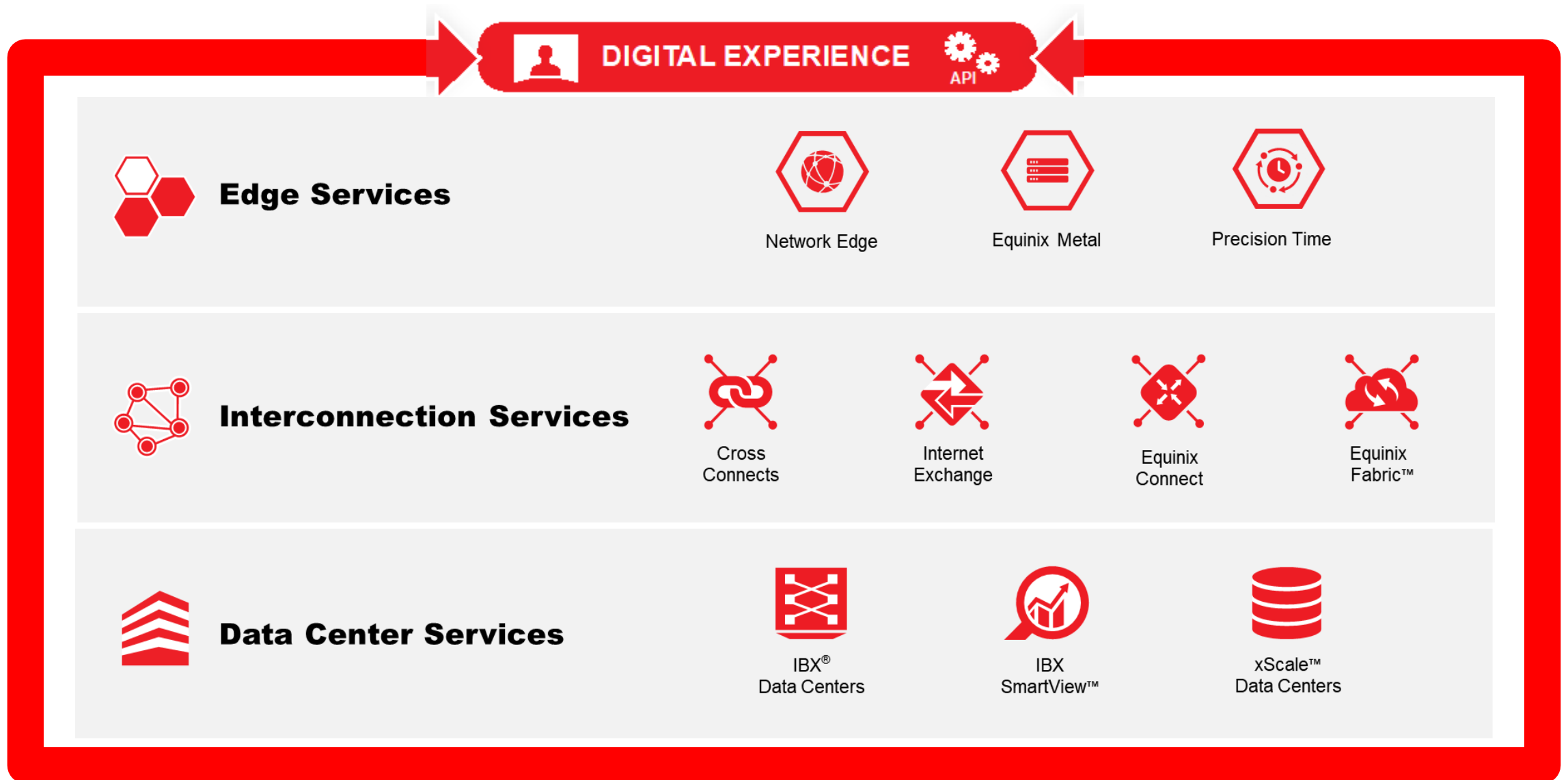
**Partner
Rich**

**As-a-
Service**

**Fully
Integrated**

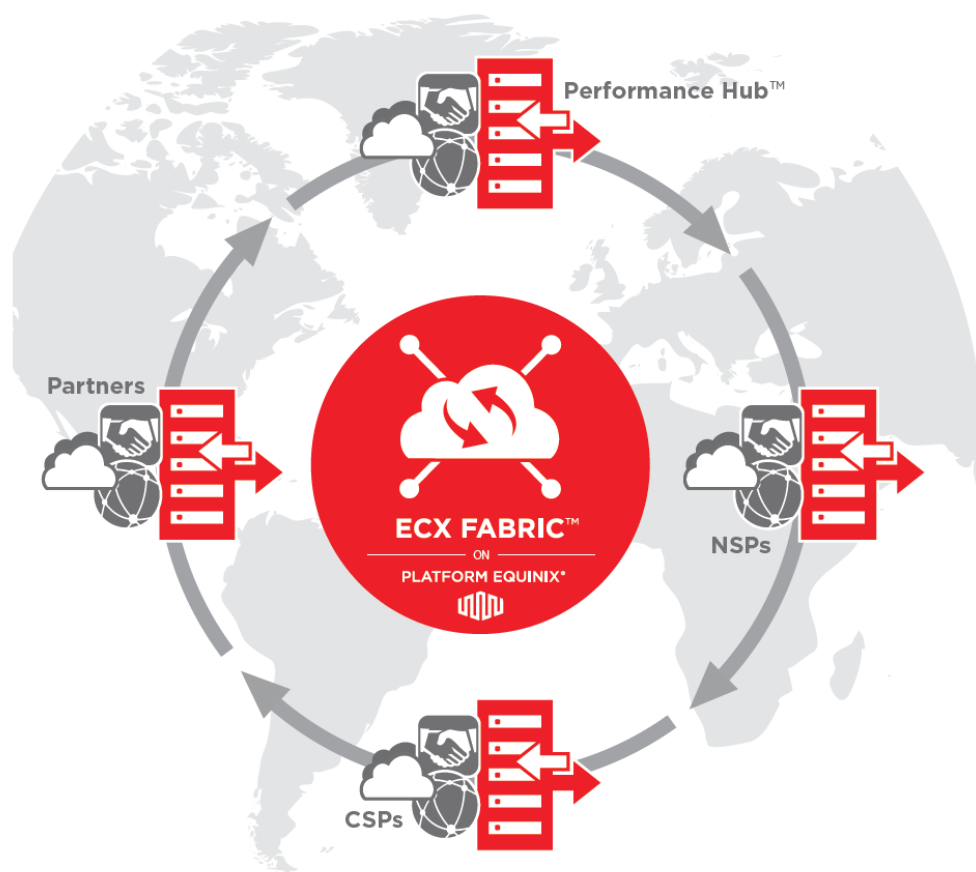


Platform Equinix for Digital Business



Equinix Fabric™

Software-defined global interconnection



HIGHLIGHTS

Available in 45+ global metros

2,000+ customers

Software-defined

On-demand, private connectivity

Connect between Fabric metros globally to connect with:

- Clouds
- Networks
- Your own infrastructure
- Any other Fabric participant

PARTNER OPPORTUNITY

Single platform, multiple use cases

Enables new markets and unlocks new customer propositions

Flexible, rapid, cost effective deployment & provisioning of services

Enhance with value-add service wraps and professional services

Network Edge

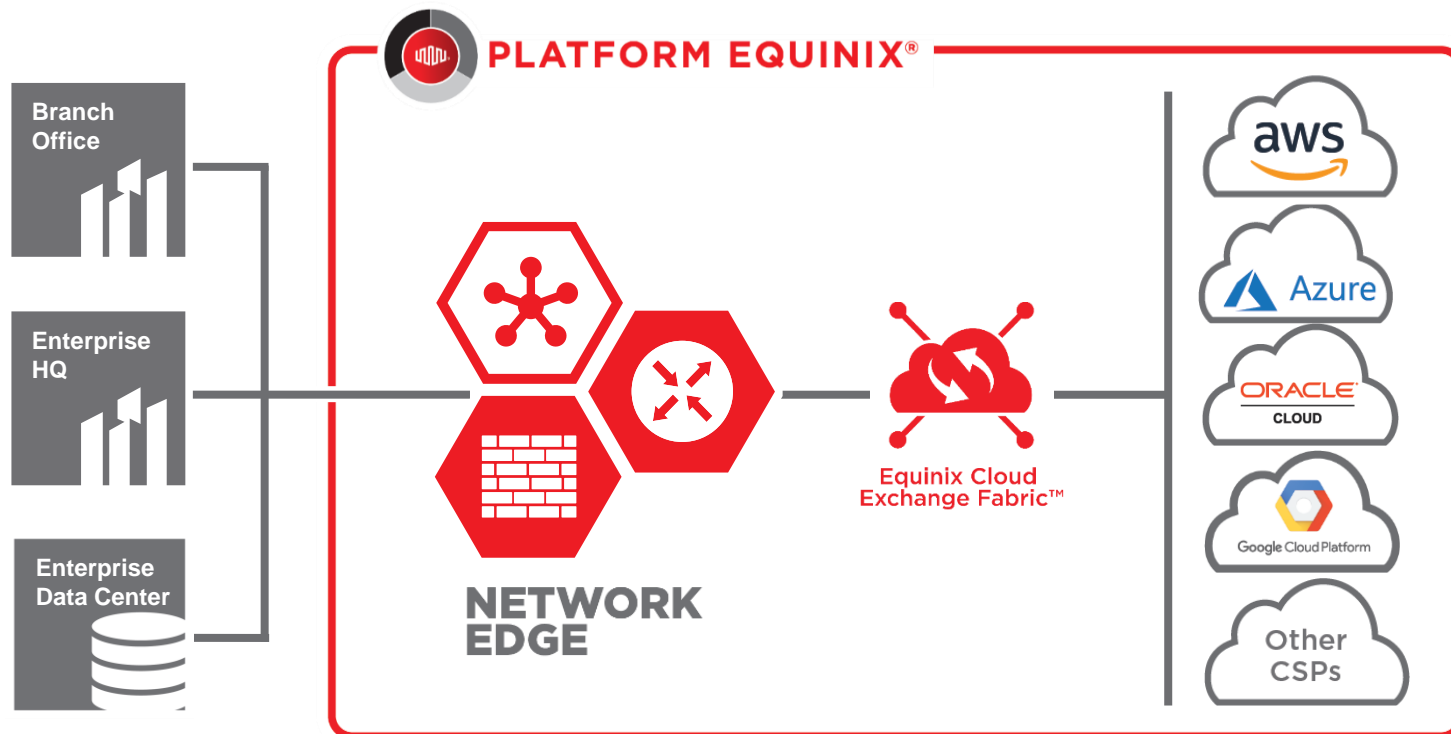
A marketplace of virtual network functions deployed as-a-service on Platform Equinix™

SELECT ➤ DEPLOY ➤ CONNECT

the virtual network services you want

virtually in the locations you need

instantly to the cloud services you require



BENEFITS



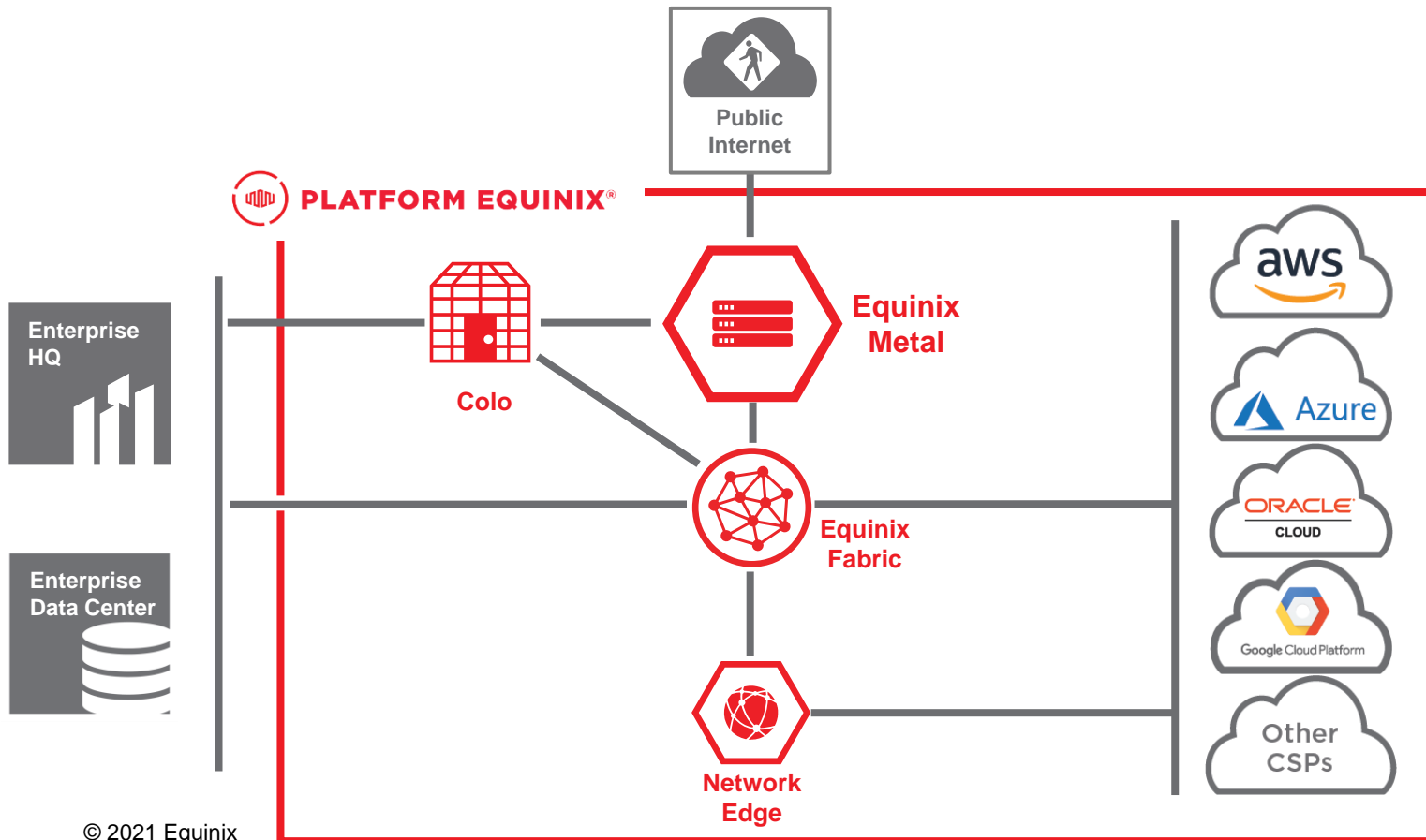
- Speed: Deploy network services in minutes
- Performance – 2-8CPU, up to 10Gbps throughput
- Lower CapEx – No hardware required
- Control - Self-service portal
- Access – Access to all major cloud providers
- Flexibility – No long-term contract, “pay-as-you-go”
- Choice – A marketplace of virtual network services vendors



Equinix Metal

A whole-server, single tenant, compute resource available in an OPEX model on Platform Equinix™

ORCHESTRATE with an API native platform, ready for DevOps workflows ➤ **DEPLOY** whole servers in the locations you need ➤ **SCALE** your workloads globally on-demand



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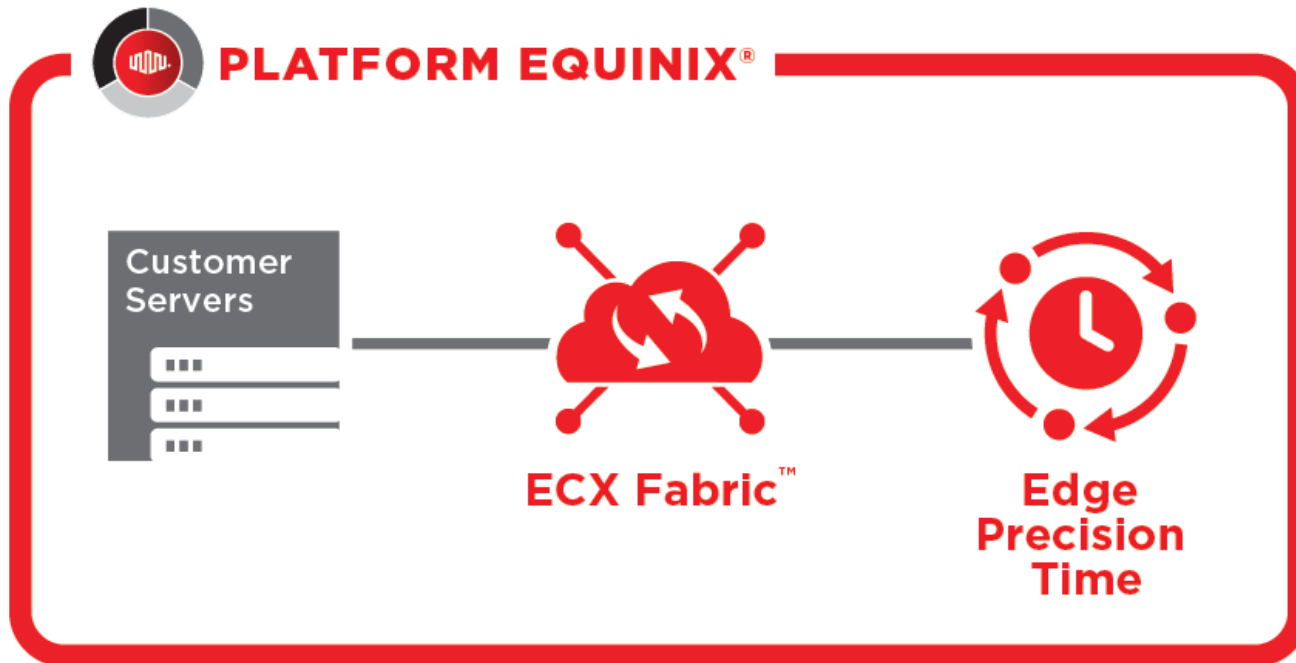
BENEFITS

- **Hybrid Multicloud** – distribute IT infrastructure closer to users and networks
- **API Native** - Integrate with existing DevOps tools
- **Reduce CAPEX** - Free up capital with OPEX model
- **Security** - 100% dedicated single tenancy
- **Control** - Self-service portal
- **Access** - Major cloud providers and digital ecosystems
- **Flexibility** – pay as you go or contract available
- **Choice** - “Bring your own image” model (iPXE)



Edge Precision Timing

Precise, reliable and secure time synchronization as-a-service for distributed systems



EQUINIX

Key Features

- Industry standard protocols (NTPv3, NTPv4 and PTPv2)
- Fully managed service, requiring no maintenance.
- Single click install and service dashboard
- Optional UI-based precision monitoring service

BENEFITS

- Extremely accurate
- No capital expenditure
- Multiple use cases



Power Your Digital Infrastructure with Green Energy

More than 165 of Equinix's 210+ global data centers are powered by 100% clean and renewable energy.

- 100% clean, renewable energy pledge
- Clean and renewable power
- 4th largest user of renewable energy in the U.S.
- EcoVadis Silver certification
- For our full sustainability report visit: Sustainability.Equinix.com



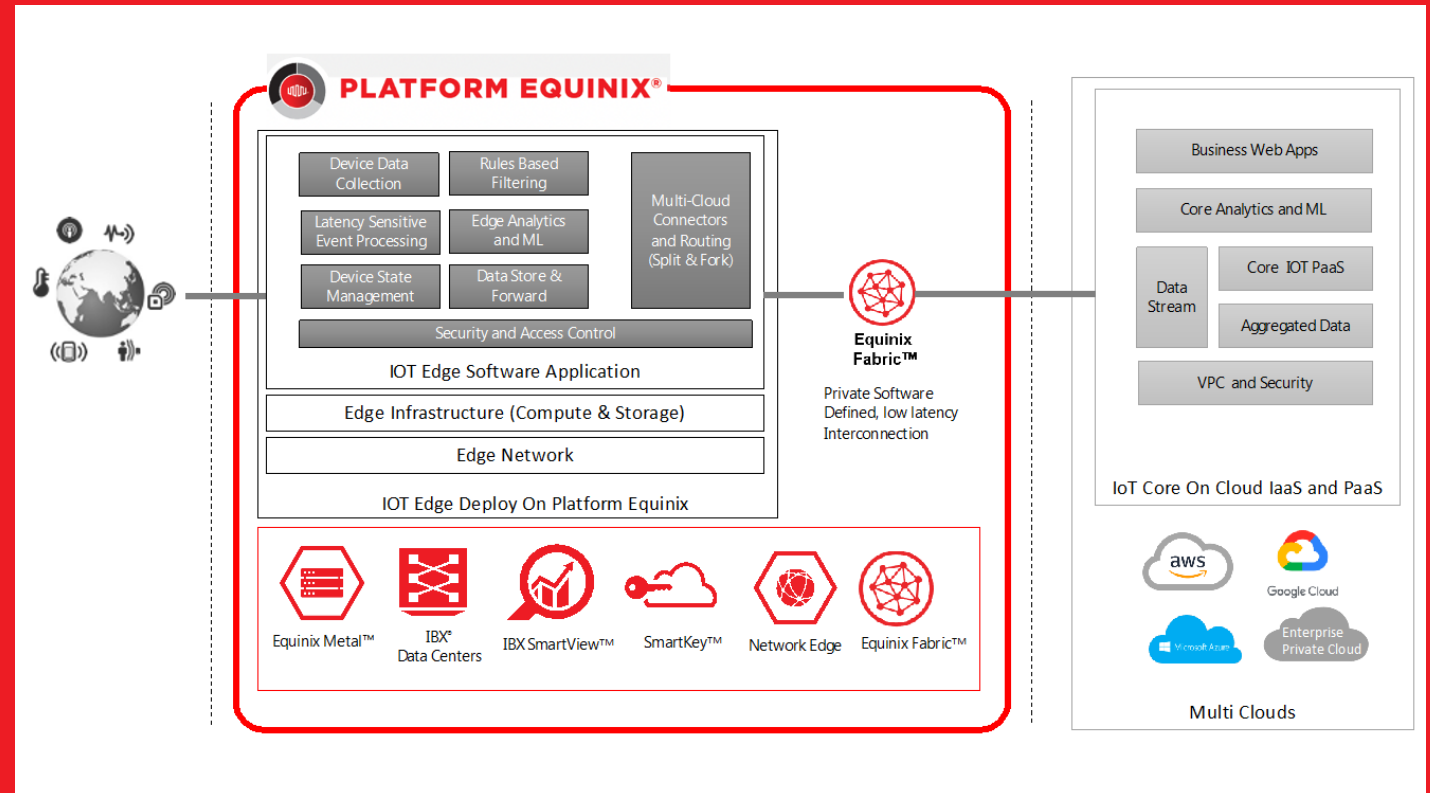
Green Energy

IoT Data Aggregation @ Edge

Benefits of deploying edge-powered IoT architecture

- Enable low-latency IoT workloads
- Multi-cloud data orchestration
- Reduced IoT edge-to-cloud traffic
- Fast response through edge analytics
- Edge-based security
- Easy and Secure access to IoT PaaS
- Ecosystem of IoT and AI/ML providers

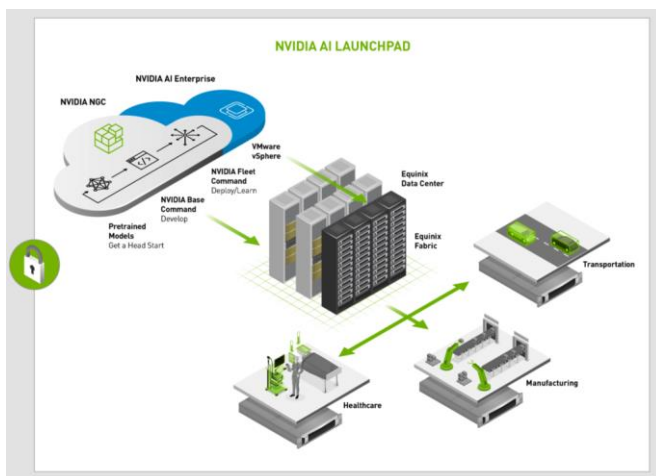
Equinix IoT Use Case



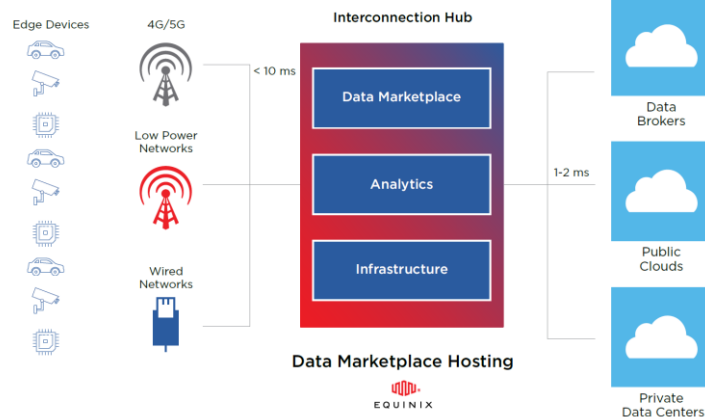
Ecosystem

IoT and AI/ML Ecosystems @ Equinix

NVIDIA AI LaunchPad



Nokia Data Marketplace



Infrastructure as a Service by Equinix



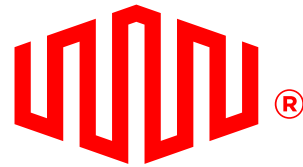
**Equinix Metal
Network Edge**



Equinix Fabric



Data Center



EQUINIX

WHERE OPPORTUNITY CONNECTS