Platform **DIGITAL** 



# ServiceFabric<sup>™</sup> Connect

**Data Sheet** 

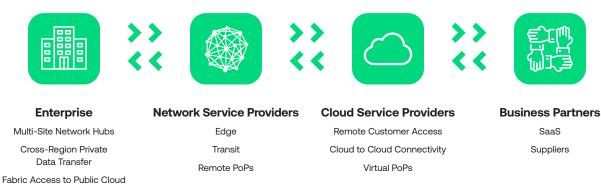


## ServiceFabric<sup>™</sup> Connect

## **Overview**

Digital Realty's ServiceFabric<sup>™</sup> is a global service delivery platform that provides a seamless, on-demand suite of wide-ranging services. ServiceFabric<sup>™</sup> Connect is the initial service, which provides management, visibility and connectivity to global cloud, network providers and business partners. This service seamlessly interconnects workflow participants, applications, multiple clouds and ecosystems to support the exploding volume of data and interactive traffic of digital business workflows and use cases.

## **Connectivity Use Cases**



SaaS Software as a Service PoPs Points of Presence NOC Network Operations Center

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**P** 

#### Connected

Broad ecosystem of carrier & cloud neutral service providers, suppliers and business partners

## Secure

Network segmentation and private backbone ensure security

## Resilient

Fully redundant hardware, power distribution, 99.9% single port availability, 100% redundant port availability, network diversity and 24x7 NOC/Global Command Center Operations

### **Key Benefits**

- One port to connect to Anyone, Anywhere, at Anytime, through a global platform
- "On-Ramp" to new services and innovation, quickly connect to new services provided by cloud, SaaS and partners
- Integrated security through network segmentation and private connections that bypass the public Internet
- Bandwidth on-demand, simply and rapidly provision any-to-any connectivity to anywhere at any time
- Flexible billing, scaled up and down bandwidth based on your business needs with no long-term commitments
- Service Directory to showcase capabilities, extend reach to a global customer base and to directly collaborate with customers, partners and providers

**Compliant** Security controls and

access logging for data compliance

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## Extensible

Scale deployments up and out with flexible consumption models



#### Performant

Purpose built for low latency and high throughput

#### At-a-Glance

Purpose-built product for cost effective interconnections to global data centers, cloud service providers, network service providers and business partners with a single secure interface

## ServiceFabric<sup>®</sup> Connect

## How it Works

Deployed in PlatformDIGITAL<sup>®</sup>'s global campus facilities, a ServiceFabric<sup>™</sup> Connect Port allows the customer to establish numerous Layer 2 or Layer 3 virtual private connections to multiple cloud service providers, network providers, SaaS providers and other providers from a single interface. Interconnections support both Metro (metropolitan area) and Intercity (between distant locations) connections.

The ServiceFabric<sup>™</sup> Connect Virtual Router (vRouter) allows customers to connect via Layer 3. The vRouter joins two or more independent connection services into a single routing domain, providing connectivity between all of the connections attached to the vRouter.

ServiceFabric<sup>™</sup> Connect connections join two or more locations together within a metropolitan area or between distant locations using Digital Realty's global high-speed backbone.

ServiceFabric<sup>™</sup> enables customers to directly connect with providers and partners, showcase services, engage with others, and explore collaborative opportunities, fostering seamless partnerships.

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#### **Orchestration Layer**



Interface



Integrated Services

#### Interface

Interact with the platform via the standard portal or programmatically via API. API interface allows integration into existing workflows and orchestration tools.

#### **Advanced Services**

Connectivity

Flexible connectivity options

allow connections from any-to-any,

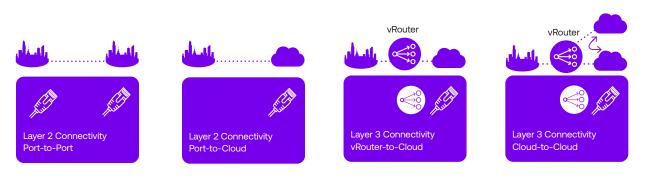
and any-to-many. Reach spans from Metro to Intercity with connectivity

targets including self, clouds, partners,

customers, and service providers.

New service offerings, such as Network Function Virtualization (NFV), decouple software function from hardware, accelerating delivery of network functions and applications.

#### Connection



#### Ecosystem

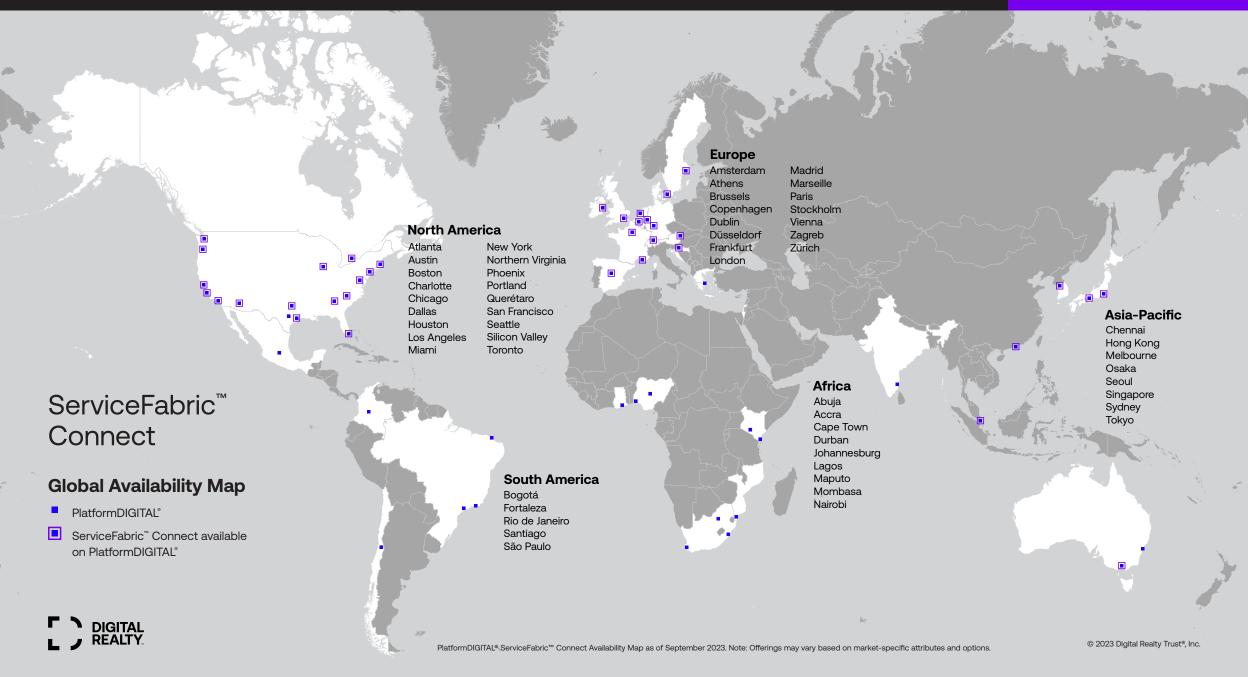


**API** Application Programming Interface \*Indicates future features of ServiceFabric<sup>™</sup> Connect

PlatformDIGITAL<sup>®</sup> ServiceFabric<sup>™</sup> Connect Components

#### Ecosystem

ServiceFabric<sup>™</sup> Connect seamlessly interconnects workflow participants, applications, multiple clouds, and ecosystems to support the exploding volume of data and interactive traffic of digital business workflows and use cases.



## **About Digital Realty**

Digital Realty brings companies and data together by delivering the full spectrum of data center, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data center platform, provides customers with a secure data meeting place and a proven Pervasive Datacenter Architecture (PDx®) solution methodology for powering innovation and efficiently managing Data Gravity challenges. Digital Realty gives its customers access to the connected data communities that matter to them with a global data center footprint of 300+ facilities in 50+ metros across 25+ countries on six continents. To learn more about Digital Realty, please visit **digitalrealty.com** or follow us on **LinkedIn** and **Twitter**.

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