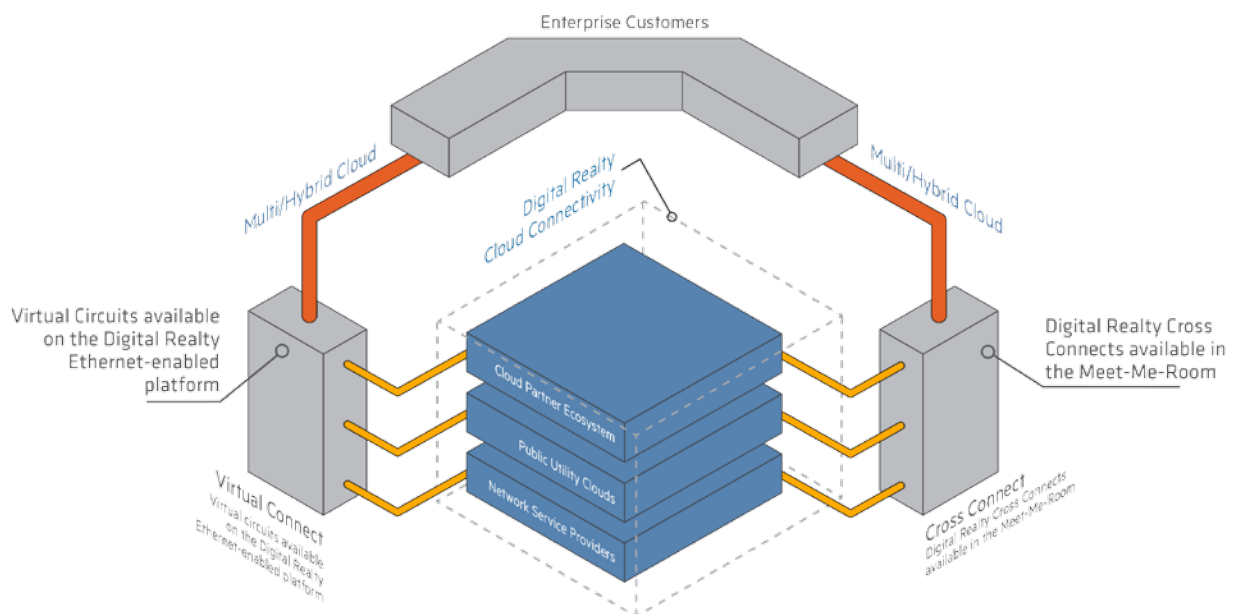# Cloud Xchange

DIGITAL REALTY

The Digital Realty cloud ecosystem makes it easy for businesses to choose from a variety of cloud options that include both cloud services and cloud interconnections to address their growing IT needs. Companies of all sizes are looking to reduce costs and increase IT efficiency. Digital Realty provides the ability to select the right cloud solution that can provide these benefits through connections to a diverse ecosystem of premium cloud service providers.

The cloud is more earthbound than the term might suggest. Physical connections, infrastructure and networks make up the very foundation for everything we access and communicate via the cloud. Digital Realty provides the foundation for that physical infrastructure. We facilitate direct, secure connections between cloud providers and businesses within and between our data centers.

Digital Realty facilitates direct, secure connections between cloud providers and businesses within and between our data centers.

With the Digital Realty Cloud Xchange, a growing ecosystem of premium cloud solutions from a strategic and diverse set of cloud service provider partners, Digital Realty enables enterprises to acquire these services through virtual and physical connectivity across multiple cloud service provider options.

Cloud Xchange Partner Solutions

Hybrid Cloud

With a hybrid cloud computing environment, you run and control a single application or business process across two or more infrastructure platform options. These platforms could include on-premise environments, colocation, private clouds or public clouds. This can be an ideal scenario as you're able to select the platform that is best suited for a given work-load. It also optimizes application specific sensitivities around securing data, system performance and operational control.

Private Cloud

When looking at a private cloud model, you alone control a secure and unique cloud environment to manage all of your resources. Like other models, private clouds offer computing power as a service within a virtualized environment that work with an underlying pool of physical resources. The difference, however, is that this pool of resources is only accessible by you and offers you high levels of data privacy.

Public Cloud

With public cloud models constantly evolving to higher levels of availability, performance and security, they are becoming go-to environments for an ever-growing number of apps. Digital Realty customers offer you comprehensive public cloud solutions with compliance-grade security, governance and performance that will handle all of your demanding workloads.

Managed Services

Keep managed services in mind when looking for the right cloud solution to help run your network-based services, apps, and equipment.. There are several benefits of leveraging managed services including increased efficiency due to their mature toolsets and expertise as well as reduced downtime and risk since a provider can predict and resolve issues before they even happen.

Connectivity Options

Cross Connect

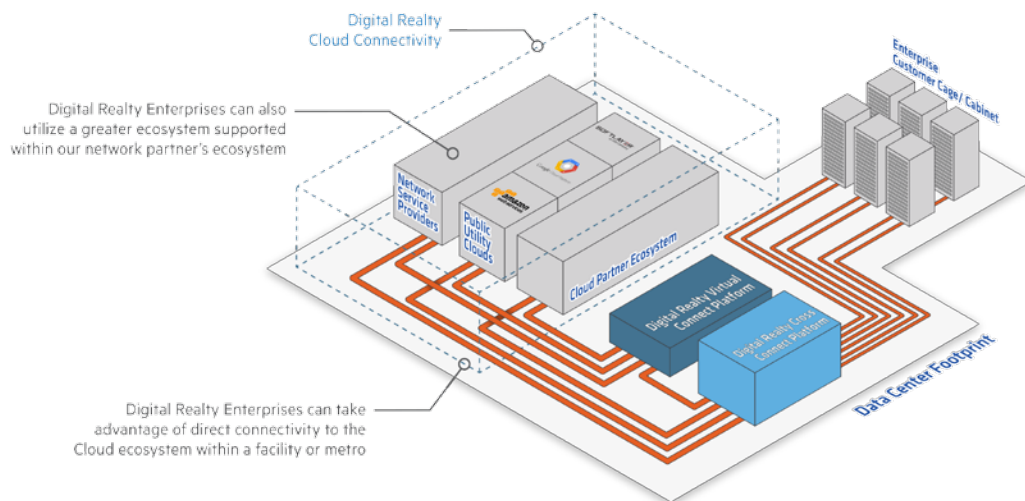allows dedicated connectivity to various cloud providers via standard cross connect inside a Digital Realty facility or metro (via Metro Connect).

Virtual Connect

allows connectivity options to various cloud providers by utilizing Digital Realty's Ethernet enabled fabric.

Public Cloud Connect

enables direct private connectivity to the major public cloud providers in the industry.

Digital Realty Cloud Connectivity

Digital Realty Enterprises can also utilize a greater ecosystem supported within our network partner's ecosystem

Digital Realty Enterprises can take advantage of direct connectivity to the Cloud ecosystem within a facility or metro

Network Service Providers

Public Utility Clouds

Cloud Partner Ecosystem

Digital Realty Virtual Connect Platform

Digital Realty Cross Connect Platform

Enterprise Customer Cage/ Cabinet

Data Center Footprint

Featured Cloud Partners

Cloud Interconnection Partners

Amazon Web Services (AWS) Direct Connect

Digital Realty customers using the AWS Direct Connect service can connect their infrastructure within the data center directly into the AWS cloud to access the numerous public and private compute services offered there. With AWS Direct Connect through Digital Realty, customers bypass traditional IP connections while ensuring a low latency, highly resilient always on connection to the Amazon Web Services cloud.

Google Cloud Interconnect

Digital Realty is a Google Cloud Platform Authorized Services Partner. Obtain network services that connects your enterprise infrastructure directly to Google over enterprise grade connections provided by the Digital Realty ecosystem.
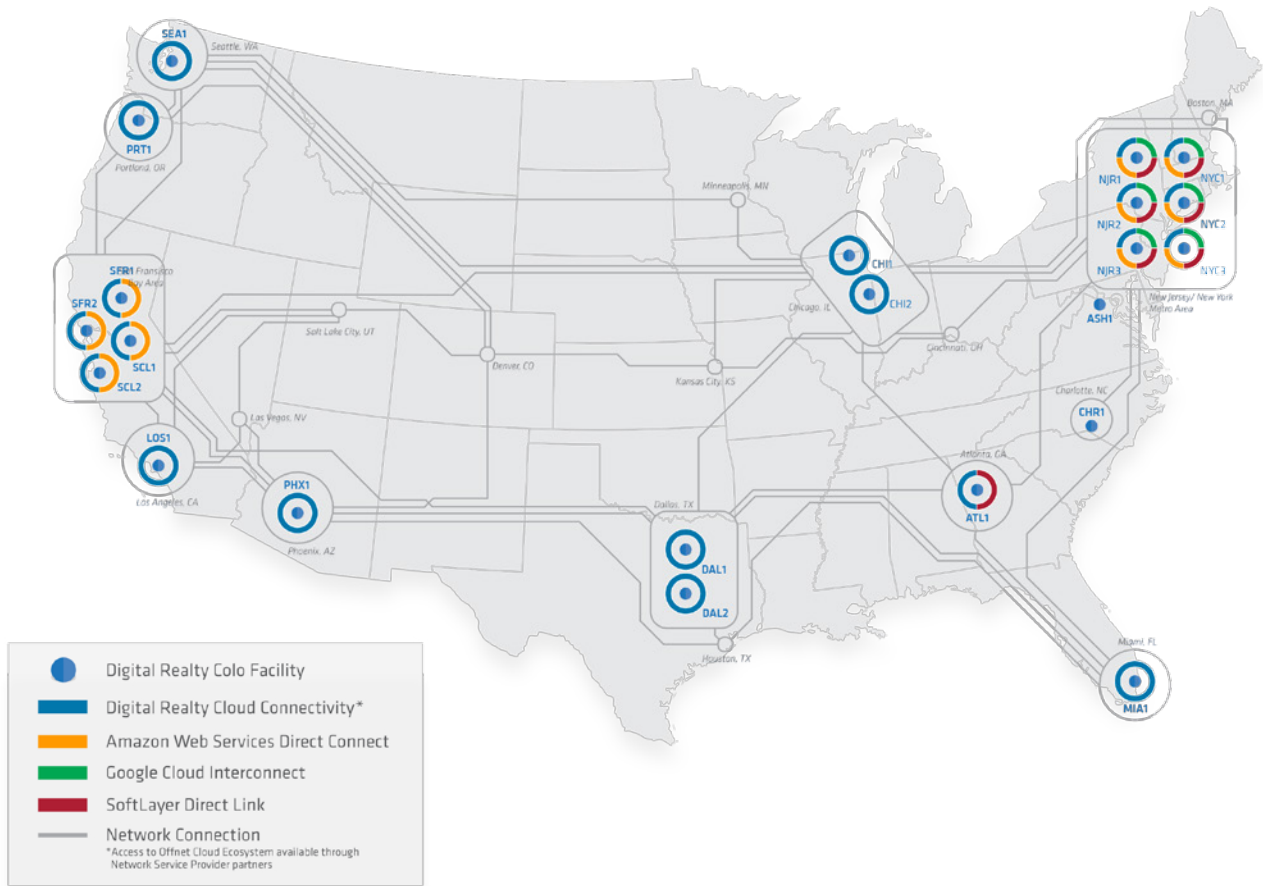
Softlayer Direct Link

Simplify, secure, and speed up data transfer between your private infrastructure and your SoftLayer services. Or create a new hybrid solution that leverages the best of your in-house resources and the Softlayer platform.

See our cloud solution provider ecosystem on the MarketplacePORTAL at marketplaceportal.com

Digital Realty Cloud Xchange Map

Legend:
- ● Digital Realty Colo Facility
- ▬ Digital Realty Cloud Connectivity*
- ▬ Amazon Web Services Direct Connect
- ▬ Google Cloud Interconnect
- ▬ SoftLayer Direct Link
- ▬ Network Connection
  *Access to Offnet Cloud Ecosystem available through Network Service Provider partners

* For a list of Digital Realty Cloud Connectivity participants, contact your Digital Realty Account Team.

Sales

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About Digital Realty

Digital Realty Trust, Inc. supports the data center and colocation strategies of more than 1,000 firms across its secure, network-rich portfolio of data centers located throughout North America, Europe, Asia and Australia. Digital Realty's clients include domestic and international companies of all sizes, ranging from financial services, cloud and information technology services, to manufacturing, energy, gaming, life sciences and consumer products.

www.digitalrealty.com

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