

Unleash the Power of Google Cloud Interconnect and Digital Realty PlatformDIGITAL® for Seamless Cloud Connectivity

Leverage Digital Realty’s Dedicated and Hosted Google Cloud Interconnect Connectivity Options to Support High-Performance Connectivity Requirements in a Hybrid Cloud Environment

Why Google Cloud and Digital Realty?

Google Cloud Interconnect enables customers to transfer data to and from Google Cloud across a dedicated connection, so transfer rates are fast, consistent, and reliable. Digital Realty provides PlatformDIGITAL®, the single global data center platform to solve global coverage, capacity, connectivity, and multi-cloud adjacency needs by bringing the users, things, networks, and clouds to the data to remove data gravity barriers and scale digital business.

For Google Cloud customers looking to leverage Google Cloud Interconnect to connect to Google Cloud, Digital Realty offers three connectivity options:

- 1. Dedicated:** Google Cloud has deployed Google Cloud Interconnect cloud onramps within 18 Digital Realty data center facilities, enabling cloud-adjacent, hybrid cloud architectures across. Customers at each of these data center campuses can connect to Google via physical connections Digital Realty has with Google Cloud.
 - 2. Hosted:** Customers located in any of our 150+ global data centers where ServiceFabric™, Digital Realty’s global, service orchestration platform, is available can connect to any Google Cloud region seamlessly and on-demand, including the 14 markets offering dedicated connections.
 - 3. Remote:** Customers in remote locations can connect via a community of 1,300+ local and global network service providers present in our data centers.
- Use cases for Dedicated and Hosted Google Cloud Interconnect on PlatformDIGITAL® include:
- **AI & HPC Applications:** When customers transfer large amounts of data between their AI/HPC colocation environment and Google Cloud, high performance and low latency are an absolute requirement. Digital Realty data centers that host Google Cloud Interconnect provide the throughput and consistency required for data-intensive workloads.
 - **Proprietary Customer Data:** By utilizing a cross-connect between a customer’s colocation cage and Google Cloud, the customer’s data never traverses the public Internet. This end-to-end private connection isolates proprietary customer data from other internet traffic improving security and privacy.
 - **Low Latency:** In a Digital Realty data center with Google Cloud Interconnect present, customers can take advantage of cloud-adjacent colocation ensuring a consistent, low-latency hybrid networking solution.
 - **Periodic Data Migration, Business Continuity, Disaster Recovery:** Fast, reliable, and secure end-to-end dedicated connections between a customer’s colocation environment and Google Cloud ensures smooth and reliable data transfers at massive scale for real-time analysis and rapid data backup.
 - **Data Sovereignty:** If a customer is required to keep certain workloads out of the public cloud for compliance reasons, then placing those workloads in a Digital Realty data center with a dedicated Google Cloud Interconnect allows the customer to stay compliant while not sacrificing performance, reliability, or security.

Key Benefits of Digital Realty’s Direct Connection to Google Cloud:

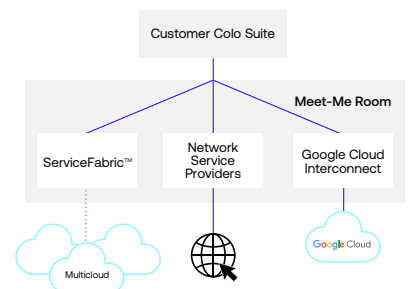
Performance: By connecting to Google Cloud Interconnect from the same data center campus, you minimize latency (just a cross-connect away) – cloud-adjacent colocation.

Reliability: Achieve predictable, reliable latency, which is needed for many hybrid architectures.

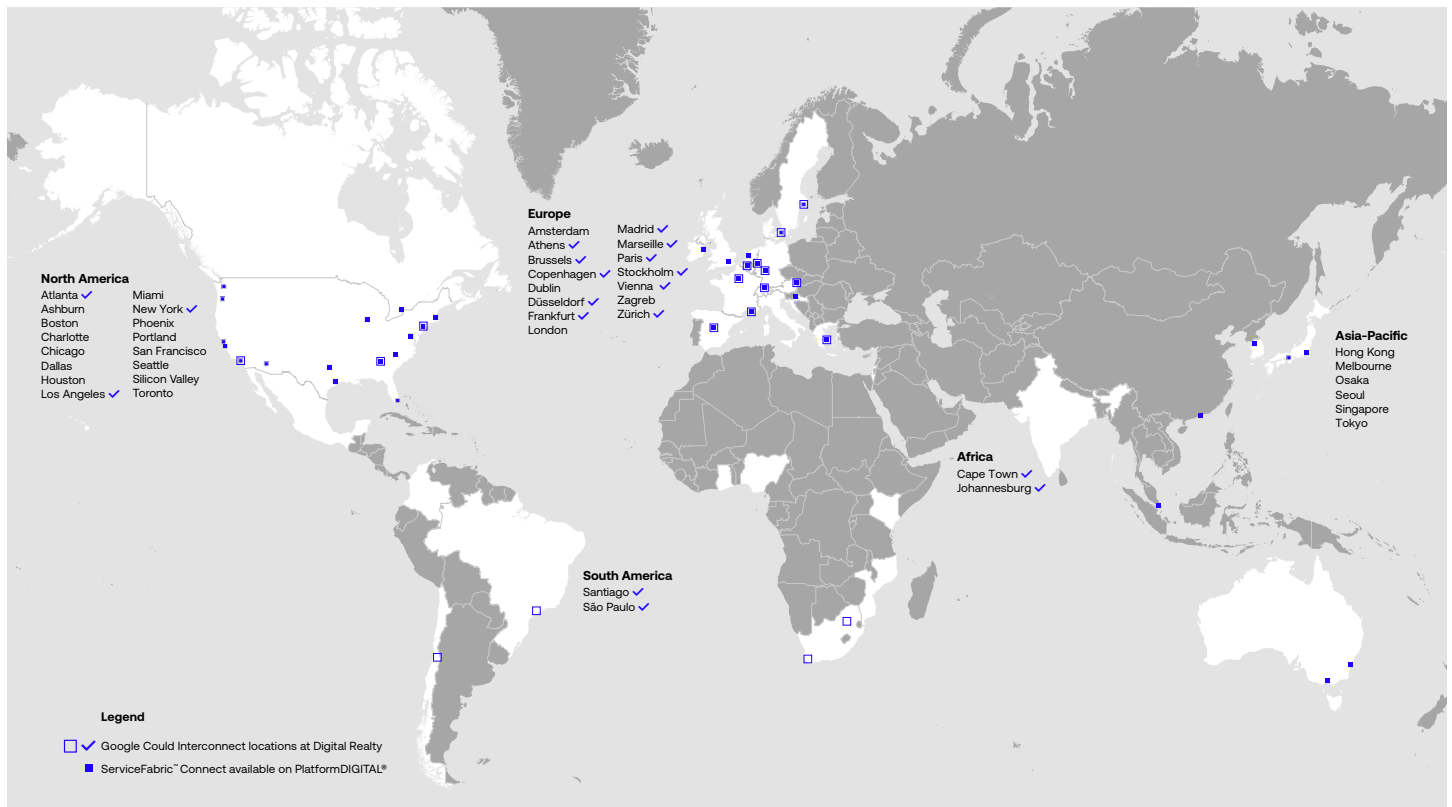
Security: Cross-connects are inherently secure - just a cable in a data center with no active component in-between.

Cost: Moving massive amounts of data is expensive. The costs of WAN and internet usage can be significant for companies that require private connections. For Digital Realty data centers with a dedicated Google Cloud Interconnect, the Digital Realty cross connect fee is a factor of 10x lower than the cost of redundant WAN connections.

Digital Realty Data Center



Data Center Solutions When and Where You Need Them



Learn more

P 877 378 3282

E sales@digitalrealty.com

www.digitalrealty.com/platform-digital

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 [X](#).

Digital Realty Trust, Inc. owns or licenses all copyright rights in all content, including, without limitation, all text, images, videos, and graphics in this document, to the full extent provided under the copyright laws of the United States and other countries. This copyright prohibits any act of copying, reproducing, modifying, distributing, displaying, performing or transmitting any of the content in this document for any purpose.

Disclaimer

The information in this document ("Information") is meant to provide indicative information on current and future available capacities by Digital Realty Trust LP or any of its affiliates (hereinafter, "Digital Realty") for the provision of data center services. The Information provided (including but not limited to any pricing, terms and conditions, capabilities, product/technical information) is subject to changes or updates without any obligation on the part of Digital Realty to provide notice thereof. Digital Realty presents this Information "as is" and makes no representations or warranties about the accuracy or suitability of this Information and accepts no liability of any nature resulting from reliance upon the Information. Digital Realty's obligations with respect to any products and services provided to you are governed solely by the signed agreements under which they are provided.

