

# CORESITE AND AMAZON WEB SERVICES

EXTEND YOUR INFRASTRUCTURE TO AWS

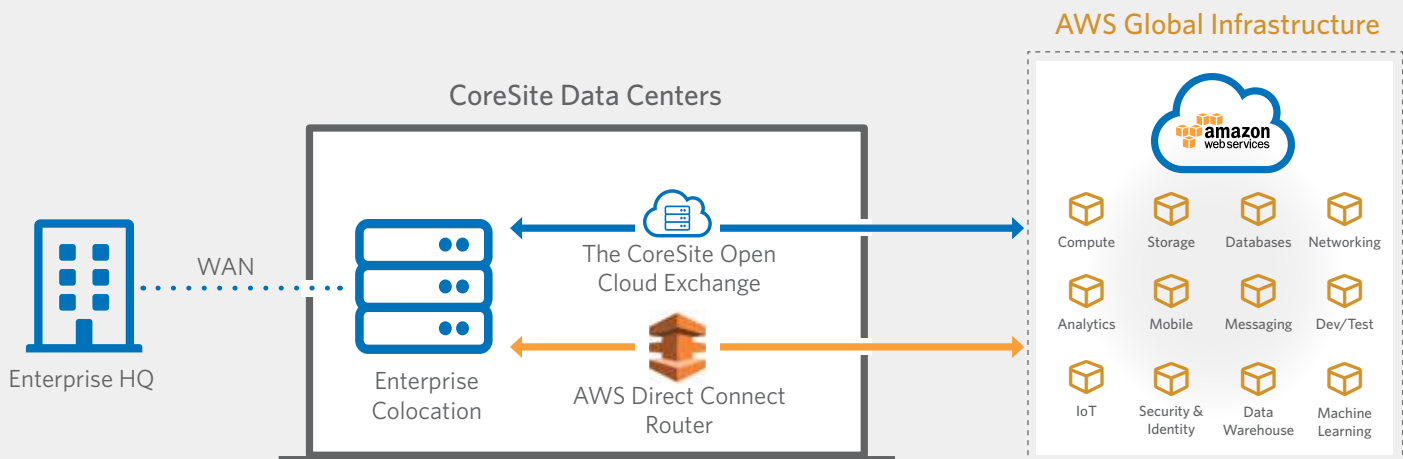
CORESITE OFFERS ACCESS TO AWS DIRECT CONNECT, ENABLING DEDICATED CONNECTIVITY BETWEEN YOUR INFRASTRUCTURE AND AMAZON WEB SERVICES.

With AWS Direct Connect you can establish private, low-latency network connectivity between your dedicated infrastructure and Amazon Web Services — optimizing your hybrid IT environment. When you bypass the public internet and connect to AWS at the edge, you benefit from reduced data transfer costs, improved security and optimal network performance. Whether you are using AWS to store data or run production workloads, AWS Direct Connect enables you to securely and efficiently extend your on-premises infrastructure into the cloud.



## HOW IT WORKS

CoreSite offers access AWS Direct Connect routers in five edge markets — Los Angeles, Silicon Valley, Denver, New York and Northern Virginia. CoreSite also offers on-demand connectivity to AWS via the CoreSite Open Cloud Exchange® in Los Angeles, Silicon Valley, Denver, Chicago, Boston, New York, Northern Virginia, and Miami.



## THE CORESITE OPEN CLOUD EXCHANGE

One Connection. Countless Opportunities.

The CoreSite Open Cloud Exchange provides a single port into our layer 2 Ethernet switching product, enabling private virtual connections to a robust ecosystem of network, cloud and IT service providers. The online portal allows on-demand access for CoreSite customers to interface directly to virtual cloud environments. Through individualized portals, customers maintain control of data in real time, providing the scalability and elasticity essential for cloud applications.



*The Direct Connect model offers the best of secure, enterprise-owned, single-tenant computing assets with the scalability and elasticity of the public cloud.*



**Bob Gill**, Research Director,  
Gartner

## TRANSFORMING **HYBRID IT**

CoreSite's secure, reliable data centers located in edge markets across the US, provide the ideal environment for connecting to the Amazon Web Services and building your hybrid IT solutions. CoreSite is one of the only colocation providers in the US to offer direct access to AWS edge nodes while offering the security of built-in network resiliency and SLAs. When you colocate within CoreSite's data centers you will benefit from seamless connectivity between your public and private IT infrastructure to support your digital transformation.

### BENEFITS

#### FUTURE PROOF ARCHITECTURE

With dedicated connectivity to the full suite of AWS cloud services, you will have the ability to map applications and workloads to specific AWS services.

#### ACCELERATE TIME TO MARKET

AWS Direct Connect helps you achieve business agility with frictionless migration of workloads between dev/test environments.

#### IMPROVE DATA MANAGEABILITY

Low latency connectivity between your infrastructure and AWS enables seamless transfer of large data sets for high-performance computing.

#### OPTIMIZE APPLICATION PERFORMANCE

AWS Direct Connect enables fast, reliable connectivity that helps create an experience that keeps end users happy.

#### **44% REDUCED LATENCY**

Geographic proximity to AWS compute nodes in region offers fewer network hops

#### **60% REDUCED COSTS**

All data transferred over AWS dedicated connections benefit from reduced data egress rates

#### **60% REDUCED VARIABILITY**

Connecting at the edge of the AWS network backbone offers predictable network performance

To get more information on how CoreSite and AWS can help you build a hybrid IT solution, visit [CoreSite.com/aws](https://www.coresite.com/aws)