The Public Sector Solution

Federal initiatives, such as the Data Center Optimization Initiative (DCOI) and The Cloud Smart Initiative are driving agencies toward data center modernization, and there is more pressure than ever to broker technology solutions that work for today but scale for tomorrow. However, budget constraints, shortfalls in legacy IT infrastructure and increasing performance demands are compromising data center reliability and uptime.

CoreSite is U.S. owned and operated and has been delivering secure data center solutions since 2001. With CoreSite, the public sector has access to the best environment they need to transform and optimize for digital business with the components for the most agile, dynamic infrastructure that can be adapted as government policy and requirements change. CoreSite's compliant data centers and leading uptime, coupled with strategic alliances with Federal System Integrators and 8(a) partners, deliver a holistic infrastructure solution to meet your mission-critical needs.

THE CORESITE DIFFERENCE: MISSION-CRITICAL CONNECTIVITY SOLUTIONS AND PROTECTION

SECURE AND COMPLIANT

- CoreSite retains outside consultants to verify our compliance with security standards such as **NIST 800-53 Revision 4, HIPAA, ISO 27001, PCI DSS, SOC 1 Type 2 and SOC 2 Type 2**

- The utilization of the high-impact baseline controls for NIST 800-53 Revision 4 reflects CoreSite's commitment to successfully deliver rigorous compliance standards to support our customers' **Federal Information Security Management Act (FISMA) and Federal Risk and Authorization Management Program (FedRAMP)** compliance efforts

- **Multiple Managed Trusted Internet Protocol Services (MTIPS)** options available through our carrier partners

- Each location has CoreSite-employed, security-trained personnel who are on-site 24x7x365

- Our facilities are secured by perimeter fencing as well as 360 degree view IP-DVR cameras

- All main entrances and continued access throughout our data centers require the use of a personalized security badge and biometric scanner

HIGH PERFORMANCE AND RELIABILITY

- **Achieve 44% faster communications to cloud availability zones compared to public Internet** using high-speed fiber and virtual interconnects[1]

- **CoreSite's guarantees 100% uptime service-level agreement (SLA)** with an industry record of eight-9s uptime in 2019 across the portfolio

- **Deploy highly available multi-region cloud architectures** to achieve minimum configuration requirements for provider SLAs

- Direct connections to leading public cloud providers deliver the lowest latency, improved security and optimal network performance

- Our data center operations and customer service specialists go above and beyond to deliver customer excellence in all aspects of your deployment from installation to ongoing remote hands and uptime

[1] Calculations based on speed tests conducted by CoreSite of direct interconnection product vs. the public internet and may not accurately reflect your performance improvements. These tests have not been independently verified by any third-party and should not be deemed to be an assurance or guarantee as to expected performance.

ONE DATA CENTER PROVIDER. **EVERYTHING YOU NEED.**

FLEXIBILITY AND OPTIONALITY

- Facilitator access to a wider **variety of services with an ecosystem of 775+ network, cloud and IT service providers**

- Future-proof your digital strategy with **direct interconnection to high-powered services like AI, Machine Learning, IoT and 5G**

- CoreSite interconnection services support all bandwidth requirements and do not require long-term commitments

- High-speed fiber interconnects and on-demand virtual interconnects available

- Fully customized, secure deployments, including the ability to **design and engineer to Sensitive Compartmented Information Facilities (SCIF) standards**

LOWER COSTS

- **Cloud connectivity through CoreSite is 60% less expensive than traditional telco and SDN offerings[2]**

- Sourcing WAN, point to point (P2P), and fiber connectivity from the 375+ on-net network service providers at CoreSite results in savings up to 50% compared to other colocation providers or on-premises facilities with limited network and fiber availability

- **Data egress rates can be 60-70% reduced when using a direct cloud interconnection product[2]**

- Cost-effectively scale from a single cabinet to caged environments, dedicated suites and build-to-suit solutions

# Accelerate Cloud-Smart Initiatives with CoreSite

PUBLIC CLOUD PROVIDERS

CoreSite data centers provide on-ramps to leading public cloud platforms via secure, high performance interconnection services. Whether you need access to AWS Direct Connect, Microsoft Azure ExpressRoute, Google Cloud Interconnect, IBM Direct Link, Oracle Cloud FastConnect or other cloud services, CoreSite can provide a direct connection to the right solution.

CoreSite's public cloud on-ramps establish private, low-latency network connectivity between your dedicated infrastructure and the public cloud — optimizing your hybrid IT environment. When you bypass the public internet and connect to the public cloud at the edge, you benefit from reduced data transfer costs, increased bandwidth, improved security, and optimal network performance. This enables you to securely and efficiently extend your infrastructure into the cloud.

CORESITE OPEN CLOUD EXCHANGE®

Unlike using the public internet, the CoreSite Open Cloud Exchange® establishes direct, secure, virtual connections — enabling more control, reliability and security for your data. This allows you to deliver your data more efficiently, all with guaranteed throughput and reduced latency. Additionally, our user-friendly 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.
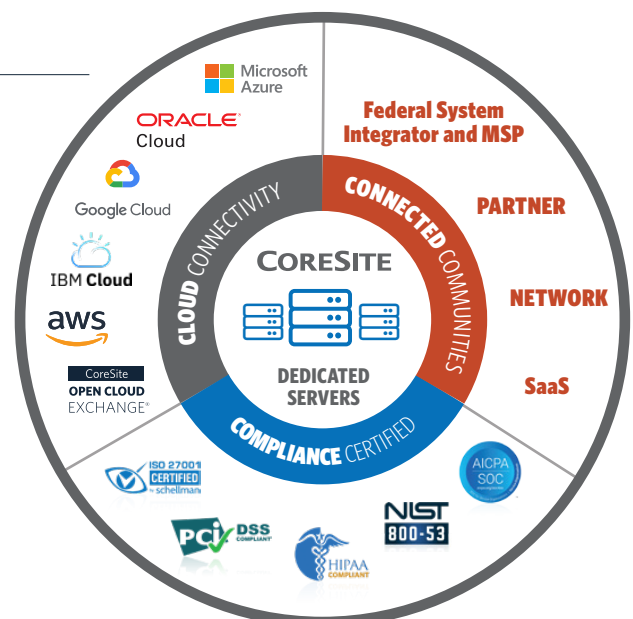
2 Calculations based on AWS incentive rates for using AWS Direct Connect. Calculations have not been independently verified by any third-party and should not be deemed to be an assurance or guarantee of cost savings.

NATIONAL REACH—**8 STRATEGIC MARKETS**

U.S. OWNED AND OPERATED

Low-latency, secure and reliable on-premises access to AWS Direct Connect, Microsoft Azure ExpressRoute, Google Cloud Interconnect, IBM Cloud Direct Link and Oracle Cloud FastConnect from all eight markets via inter-site connectivity and a robust set of network service providers.

BOSTON, MA — BO1

NEW YORK, NY — NY1 NY2

CHICAGO, IL — CH1 CH2

SV1 SV2 SV3 SV4 SV5 SV6 SV7 SV8 SV9 — **SILICON VALLEY, CA**

DE1 DE2 — **DENVER, CO**

N. VIRGINIA & DC — VA1 VA2 VA3 DC1 DC2

LA1 LA2 LA3 — **LOS ANGELES, CA**

MIAMI, FL — MI1

Market Inter-site Connectivity ---

SV9 and LA3 are under construction

The CoreSite Open Cloud Exchange®
AWS Direct Connect
Google Cloud Interconnect
Microsoft Azure ExpressRoute
IBM Cloud Direct Link
Oracle FastConnect

DATA CENTERS ARE THE FOUNDATION OF YOUR CUSTOMERS DIGITAL STRATEGY.

Are you ready to take advantage of CoreSite's network and cloud dense, hyper-connected platform?

CoreSite
OPEN CLOUD
EXCHANGE®

Inter-site Connectivity

CoreSite Interconnect Gateway

Peering Exchanges

Ecosystem

AGENCIES TURN TO CORESITE FOR MULTI-CLOUD ARCHITECTURE

Security Sensitive Government Entity Solution

CHALLENGE	SOLUTION	RESULTS
• Scalability and security to support cloud interconnections • Requirement to conform to moderate and high baseline controls to comply with NIST 800-53 compliance • Connectivity from existing wide area networks internally and externally to cloud service providers • Reliability, uptime and latency	• Leveraged CoreSite cross connects to improve network performance, reduce latency and increase uptime • CoreSite implemented a completely customized deployment with specific security and privacy solutions • CoreSite colocation allowed them to centralize network operations management for configuration flexibility and easier infrastructure management • CoreSite's Open Cloud Exchange® solution established a cloud strategy for flexibility, ease of use and increased performance	• CoreSite's proximity to large and concentrated user bases in major markets and strategic, low-risk edge locations provided reduced latency and improved both internal operations and the end user experience • CoreSite multi-market deployment provided a redundant footprint leveraging geographically diverse cloud availability zones providing greater reliability and performance • Provided top level security, 100% uptime, and both the physical facilities and direct access to cloud resources needed to build a high-performance, scalable and agile hybrid infrastructure

SIMPLIFYING COMPLEX, HIGH-PERFORMANCE COMPUTE ENVIRONMENTS

Department of Commerce Solution

CHALLENGE	SOLUTION	RESULTS
• Reliability, uptime and high performance • Fully redundant, multi-market solution in order to provide business continuity and disaster recovery • Secure and compliant facility • Lowest latency, high performing and scalable infrastructure to meet the demands of their big data, high-compute environment • Short time to market	• FISMA High data center environment • Dedicated infrastructure equipment to meet specific power and cooling requirements including high-density solutions without containment • Liquid cooled solution engineered to meet the strict high-compute requirements • CoreSite's native access to multiple public cloud on-ramps • Flexibility and capability to meet compressed timelines	• Interoperability of hybrid IT environment with secure, low latency connections • Streamlined and enhanced the agency's operations while fail-proofing their performance • Guaranteed 100% uptime SLA • CoreSite's carrier rich facility provided robust connectivity needed to deliver mission-critical data streams • Future proof digital infrastructure with high-density solutions and scalable campus environment

CORESITE