

AWS Outposts

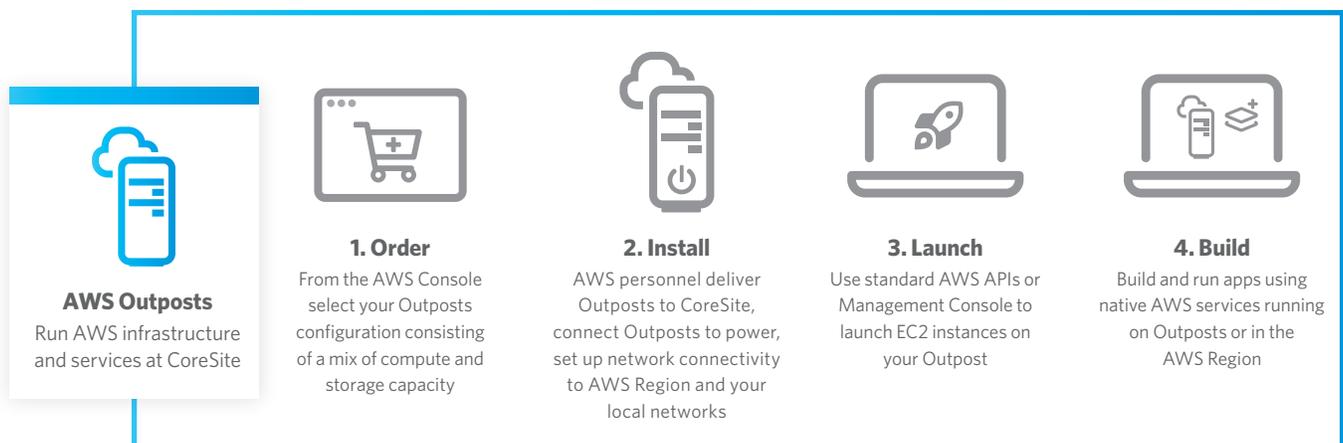
CORESITE SOLUTION

According to Gartner, by 2024, more than 45% of IT spending on system infrastructure, infrastructure software, application software and business process outsourcing will shift from traditional solutions to cloud.¹ This shift is driven by IT and network managers who need the power, compute and scalability of the cloud to provide the best user experience for their customers and clients.

AWS Outposts is a fully managed hybrid cloud solution that enables an organization to better optimize their low-latency compute needs. This is achieved while meeting local data processing and residency requirements and addressing the need to migrate and modernize their IT infrastructure.

AWS AND CORESITE: COMPUTING POWER WHEN AND WHERE YOU NEED IT

AWS Outposts combines AWS industry-leading cloud compute and storage with CoreSite's high-performance interconnection platform and data centers to provide the reliability, scalability and operational excellence needed to meet business challenges.



High Performance and Reliability

- Proximity to AWS Regions and Availability Zones enabling cloud-adjacent architectures
- On-net Dedicated and Hosted Direct Connects via high-speed fiber and virtual interconnects of the CoreSite Open Cloud Exchange®
- CoreSite’s 100% uptime service-level agreement (SLA) coupled with industry leading eight-9s of uptime

Flexibility and Optionality

- Broker access to 775+ networks, clouds and IT services
- Access the full range of AWS services available in a region to build, manage and scale on-premises and colocation applications
- Flexible payment models that allow a company to spread costs over time all under one contract

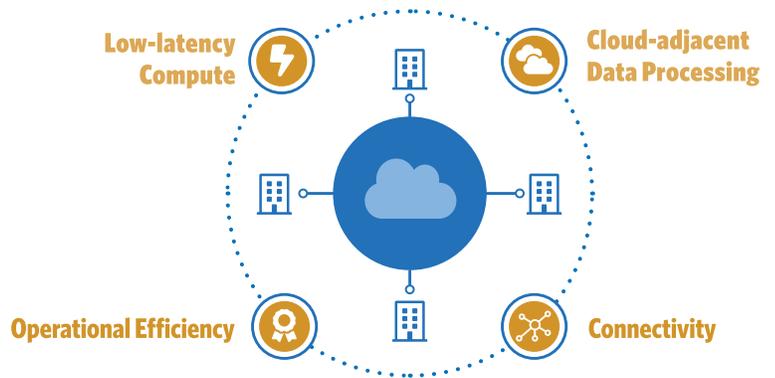
Secure and Compliant

- CoreSite-employed security personnel are on-site 24x7x365, along with other measures including: mantraps, biometric scanners, IP-DVR cameras and more
- Secure cage environments supporting highly-regulated industries like FinServ, Healthcare, Public Sector, and Education
- Compliant data centers for HIPAA, ISO 27001, PCI DSS, NIST 800-53, and SOC 1 Type 2 and SOC 2 Type 2

Simplifying Hybrid IT and **Accelerating Business Innovation**

AWS Outposts at CoreSite solution helps enterprises address several operational, performance, security and compliance challenges while building a consistent hybrid cloud solution:

- **Low-latency compute**
- **Cloud-adjacent data processing**
- **Operational efficiency**
- **Connectivity**



Low-latency Compute. As enterprises work to improve the user experience for their customers and remote workforces, it is critical to have efficient hybrid architectures in place that will address the performance and scalability requirements of modern applications. When the nearest AWS Region and Availability Zones are not within close proximity, AWS Outposts deployed at CoreSite enables organizations to run applications at the edge across eight key communication markets. With AWS Outposts at CoreSite, enterprises can optimally deploy the processing and data platforms required to efficiently deliver their products and services globally, while minimizing complexity and costs.

Local Data Processing and Residency Requirements. AWS Outposts enables an organization to utilize the power of AWS compute to analyze and extract value from large datasets that cannot be stored in public AWS Regions due to compliance, regulatory and cost considerations. With AWS Outposts at CoreSite, organizations maintain their data platforms within the colocation environment and benefit from the compliance certifications that CoreSite maintains. This is especially important in data sensitive/privacy focused industries such as financial services, healthcare and other highly regulated industries.



Operational Efficiency and Connectivity. AWS Outposts at CoreSite is a fully managed service with access to onsite CoreSite technicians via Remote Hands, enabling critical IT resources to focus on strategic business initiatives and revenue generating activities. CoreSite also provides the on-net, high-speed direct connectivity to AWS Regions needed to power AWS Outposts and optimize data replication across your hybrid cloud environments.

CONNECTIVITY SOLUTIONS THAT MEET YOUR HYBRID CLOUD NEEDS.

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



Use Cases for AWS Outposts at CoreSite

The AWS Outposts at CoreSite solution enables business transformation that may be stifled by budgetary, control or management challenges:

- Data center consolidation
- IT operations and management

Data Center Consolidation. According to Gartner, 80% of enterprises will shut down their traditional data centers by 2025.² It is important to have the right combination of hardware, cloud and data center provider(s) to streamline your IT operations.

- Relocation of data center(s) to CoreSite, an industry leading colocation provider with eight-9s of uptime, utilizing modernized infrastructure which is fully managed by AWS and offers monthly billing
 - Physical infrastructure is managed by AWS
 - Keep control over critical workloads while leveraging existing IT investments
- Infrastructure expense shifts from cyclical CapEx spend to ‘Cloud Like’ monthly OpEx spend
- Applications/workloads remain close to their end users in the top edge markets





IT operations and management. AWS Outposts at CoreSite is fully managed infrastructure as a service paired with industry-leading colocation that brings edge computing power to any business or organization, including manufacturing, media and entertainment, healthcare financial services and more.

- AWS Outposts allows organizations to build a consistent hybrid cloud experience for their latency-sensitive applications



MANUFACTURING

AWS Outposts provides seamless integration of on-premises applications and services running in the AWS region. This allows an organization to run process controls with AWS services close to their factory floor equipment.



MEDIA & ENTERTAINMENT

AWS Outposts supports latency-sensitive live and real-time events by providing access to the latest GPU innovations for graphics processing, audio and video rendering and other media applications.



HEALTHCARE

AWS Outposts allows healthcare organizations to add analytics and machine learning AWS services to their latency sensitive health management systems. This allows the organization to rapidly retrieve medical information that is stored locally.



GAMING AND MEDIA STREAMING

AWS Outposts allows gaming and streaming companies to place their servers close to their end-user customers to better performance and the overall user experience.



FINANCIAL

With AWS services and programming interfaces, financial services organizations can build the next-generation of trading and exchange platforms. This enables financial services organizations to deliver banking, payment processing and risk management services to customers and other financial clients while meeting data locality requirements

Choosing the Right Size

The AWS Outposts at CoreSite solution is a complete and preconfigured solution for data center infrastructure that offers industry-leading compute and storage technology from AWS and industry leading connectivity and data center uptime from CoreSite. AWS Outpost is available in three sizes.

- Small ... 5kVA (4kW)
- Medium ... 10kVA (9kW)
- Large ... 15kVA (13kW)

Contact us at info@CoreSite.com to find out more about the solution and determine what configuration will be beneficial for your enterprise.



¹ <https://www.gartner.com/smarterwithgartner/cloud-shift-impacts-all-it-markets/> (October 26, 2020)

² <https://www.gartner.com/smarterwithgartner/the-data-center-is-almost-dead/> (August 5, 2019)