CoreSite and Microsoft Cloud

Fast, Reliable, Private Connectivity into Microsoft Azure
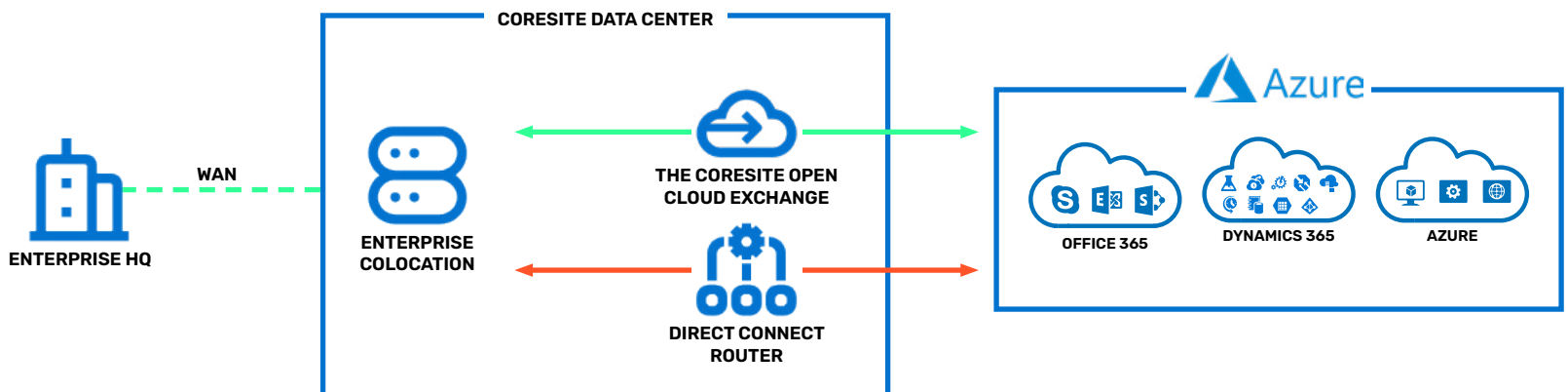
Expand Your Infrastructure with CoreSite and Azure ExpressRoute

Microsoft Azure ExpressRoute provides a secure, private connection between your IT deployment, Microsoft Azure, Office 365 and Dynamics 365. ExpressRoute connections bypass the public internet, offering more reliability, faster speeds, lower latencies and higher security than typical internet connections. With predictable, reliable and high-throughput connections offered by ExpressRoute, you can build hybrid cloud applications without compromising security or performance.

BENEFITS

- **Increase Security –** Private, secure connectivity to nearly all Microsoft services

- **Reduce Latency by 44%* –** Geographic proximity to Microsoft Azure compute nodes in region offers fewer network hops

- **Lower Costs by 60%** –** All data transferred over ExpressRoute private connections benefit from reduced data egress rates

- **Reduce Variability by 60%* –** Connecting at the edge of the Microsoft Azure network backbone offers predictable network performance

HOW IT WORKS

With Microsoft Azure ExpressRoute, you can establish direct connections to Microsoft Cloud Azure at CoreSite's ExpressRoute locations in all 11 markets through the Open Cloud Exchange® up to 10GBps. ExpressRoute Direct is available in Chicago, Los Angeles, Denver, Silicon Valley and Northern Virginia up to 100GBps.

The integration of Microsoft Azure ExpressRoute and the Open Cloud Exchange provides greater performance, better reliability and access to a best-in-class, end-to-end, fully redundant connection architecture.

The CoreSite Open Cloud Exchange – The Open Cloud Exchange (OCX) is software-defined network services platform that provides single or redundant ports into our switching platform, enabling private virtual connections to multiple service providers among CoreSite data centers and the digital ecosystem. CoreSite revolutionized network connectivity over a decade ago with the introduction of the OCX. This leading interconnection platform provides superior connectivity and a robust and interconnected partner ecosystem needed to reach new markets, rapidly scale on-demand, reduce total cost of operation and accelerate IT modernization. Since its debut, CoreSite has continually invested in building out the platform to support use cases in the age of digitization including cloud connect peering and cloud-to-cloud communication.

ACCELERATE YOUR DIGITAL BUSINESS

CoreSite's secure, reliable data centers provide the ideal environment for connecting to the Microsoft Azure ExpressRoute and building hybrid multicloud solutions. CoreSite is one of the only colocation providers in the U.S. to offer direct access to Azure edge nodes while providing the security of built-in network resiliency. When you colocate within CoreSite's data centers, located in edge markets across the U.S., you will benefit from seamless connectivity between your public and private IT infrastructure, and support your digital business now and into the future.

*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.

**Costs savings are based on CoreSite cost comparisons using publicly available and private information and/or CoreSite customer reported costs savings and may not be indicative of the costs savings that may be experienced by every customer that switches to the applicable CoreSite service. Compared to other colocation providers, or on-premises facilities, with limited network and fiber availability.

Find out more.
Click. Call. Write.

CORESITE
An American Tower Company

CoreSite.com | +1 866.777.CORE | Info@CoreSite.com