Delivering Infrastructure that Enables Intense AI/ML Workloads

Leading dedicated hosting provider Atlantic.Net leverages CoreSite's reliable and compliant colocation to provide hosting and managed services that accelerate AI development

The Challenge

Atlantic.Net is committed to continually evolving its capabilities to support market innovations and significant industry shifts. Through its use of powerful NVIDIA GPUs and ongoing technology investments, the cloud-based hosting company provides high-performance computing platforms that facilitate the development and inference of AI/ML models, helping customers reduce training times for deep learning models, produce powerful industry and community-impacting discoveries, and enable real-time models that foster faster predictions and decisions. To support these sophisticated workloads—now and as the company grows and adapts—Atlantic.Net requires a highly reliable, secure and compliant IT infrastructure that can deliver the escalating bandwidth and storage capacity required for modern AI/ML deployments.

The Solution

CoreSite's Orlando data center (OR1) joins Atlantic.Net's portfolio of geographically diverse data centers, supplementing its self-operated Orlando facility to offer high-speed access to South America and the Southeastern U.S. Offering diverse utility feeds, redundant critical systems, best-in-class processes and procedures, and a 100% uptime SLA, OR1 ensures uninterrupted workflows that enable faster scientific simulations, financial modeling and graphics rendering. OR1's advanced cooling solutions further promote availability by regulating the temperature of powerful NVIDIA GPUs to eliminate system failures that can impact operations and data analysis.

OR1 receives certifications and attestations of industry best practices including SOC 1 Type 2, SOC 2 Type 2, ISO 27001, NIST 800-53, PCI DSS and HIPAA, reinforcing Atlantic. Net's own compliance and helping the company to meet the rigorous demands of customers.

INDUSTRY
Cloud Hosting and Managed Services

ABOUT
Since its founding in 1994, Atlantic. Net has evolved into a global leader in cloud hosting and managed services, with offerings including on-demand and managed cloud services, HIPAA-compliant, dedicated server hosting, bare metal servers, colocation hosting, graphics processing unit (GPU) hosting, server management, network edge protection and security services. Focused on adapting to ongoing technological advancements, Atlantic.Net has been recognized repeatedly for excellence and innovation, including recent honors such as the 2025 Artificial Intelligence Excellence Award and the 2024 Customer Service Excellence Award, both from the Business Intelligence Group.

The Outcomes

HEIGHTENED FOCUS ON CORE BUSINESS LEVERAGING CORESITE DATA CENTER EXPERTISE

Atlantic.Net's deep institutional knowledge, cultivated over years of adapting to and pivoting with technological advancements, helps the company build and manage high-impact, customized technology solutions for its customers. By offloading data center management responsibilities, CoreSite enables Atlantic.Net to dedicate more attention to its core business and emerging technologies.

SCALABLE INFRASTRUCTURE SUPPORTS GROWTH AND FUTURE TECHNOLOGIES

Employing CoreSite's leading-edge, scalable IT facility infrastructure, Atlantic.Net can easily adjust its technology resources to manage its growing customer base and the intensifying data storage and bandwidth requirements of increasingly powerful AI/ML deployments. This level of scalability, paired with Atlantic.Net's NVIDIA-powered solutions, positions Atlantic.Net to continue to compete with major hyperscale players and support customers as they utilize high-performance computing to tackle complex tasks more effectively.

UPTIME AND LOW-LATENCY CONNECTIONS PROMOTE IMPROVED COMPUTING OUTCOMES

Hosting and managing infrastructure that accelerates the results of computationally demanding workloads requires 100% uptime and high-speed, reliable connections. OR1's highly reliable and scalable environment ensures customers can analyze massive data sets uninterrupted to help identify disease-causing genes, discover potential treatments and perform complex assessments in real-time to guide risk management strategies. CoreSite's portfolio of national data centers offers opportunities for Atlantic.Net's further expansion to additional geographic regions that achieve low-latency connections that nurture AI capabilities.

COMPLIANT-BY-DESIGN INFRASTRUCTURE SECURES CRITICAL DATA AND OPERATIONS

With many customers in heavily regulated industries, including healthcare, e-commerce, financial services, higher education and biotechnology, compliance is essential to Atlantic.Net. CoreSite's adherence to key certifications and compliance standards further bolsters Atlantic.Net's own compliance, supporting the company's HIPAA-compliant and PCI-compliant hosting and ensuring customers have ultimate confidence in the security of their workloads.

> "As one of the world's most experienced hosting provider, Atlantic.Net is always looking toward the future, identifying and deploying technology solutions that harness the power of AI to help drive innovation and results. CoreSite is one of our preferred data center and connectivity partners, and a key part of our growth strategy."

MARTY PURANIK, FOUNDER, PRESIDENT AND CEO

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