# ATLANTIC.NET DELIVERS SECURE, PERFORMANCE-BASED CLOUD SERVICES USING SUPERMICRO SERVERS

*Atlantic.Net Provides Public and Private Cloud Services with On-Demand and Dedicated Solutions.*
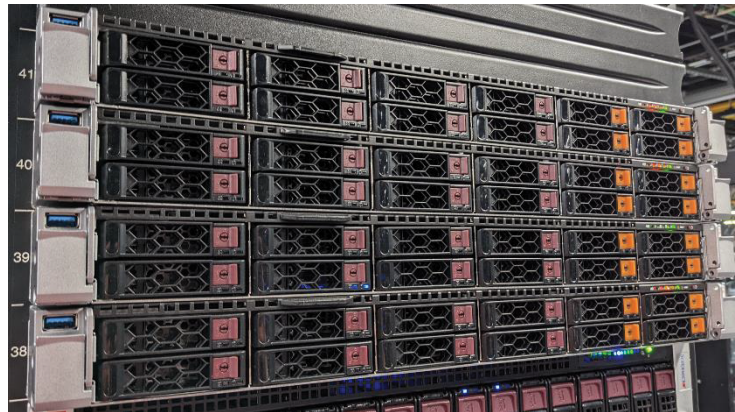
## INDUSTRY

Cloud Service Provider

Hosting Provider

## CHALLENGES

- Meet Increasing Customer Demand

- Provide Servers and Storage Optimized for Various Workloads

## ATLANTIC.NET

Atlantic.Net is a trusted hosting solutions provider.

- 100% Uptime Service Level Agreement

- World World-Class Data Center Infrastructure

- High High-Touch Relationships

- Industry Leading Certifications and Partnerships

For more information, visit

www.atlantic.net

## Introduction

Atlantic.Net is a global provider of comprehensive cloud and managed services to clients in over 100 countries. Atlantic.Net has established a data center presence on multiple continents as a cloud service provider, serving hundreds of thousands of clients with compute, storage, and database hosting needs using public and private dedicated cloud hosting platforms. Atlantic.Net also provides specialized solutions for the healthcare and e-commerce verticals with HIPAA Compliant Cloud Hosting and PCI-

**HIPAA Hosting**

**Cloud Platform**

**Dedicated Hosting**

**PCI Hosting**

**Managed Services**

**VPS Hosting**

Ready Hosting solutions, complemented by a full suite of managed services. To support this broad range of service offerings, Atlantic.Net regularly evaluates the latest technologies to continue to meet and exceed evolving client requirements.

## Challenges

Atlantic.Net has been in business since 1994. and has continually grown by adapting to the latest technologies, simplifying the user experience, and providing outstanding customer service. The company started as a dial-up Internet service provider helping consumers get online but later rolled out a web hosting offering to help businesses conduct e-commerce. Atlantic.Net now focuses on helping businesses conduct business online and keeping them secure and operational with a wide range of cloud and managed services. The company built its own cloud platform with a cost advantage but needed a server solution to complement the open-source architecture. After evaluating various manufacturers, Atlantic.Net selected Supermicro as the sole provider for their cloud and dedicated cloud platforms. Supermicro not only met or exceeded all technical and performance requirements, but the equipment costs also aligned well with Atlantic.Net's business requirements. Today, Atlantic.Net's seven global data center presences serve customers in over 100 countries. Having won various industry-leading awards, Atlantic.Net is one of the prominent cloud service providers on the market, with millions of servers deployed since its inception.

In addition, many of Atlantic.Net's customers require strict security compliance, such as HIPAA compliance, in the operation of their server environment. As such, Atlantic.Net's HIPAA-Compliant Hosting Solutions are designed for these strict security requirements and regularly undergo rigorous auditing to ensure their systems and processes are capable of protecting critical health data and records. Finally, to help ensure a smooth process, Atlantic.Net requires servers that are easy to work with and have dedicated support from their vendor. Supermicro delivers on all these fronts.

Atlantic.Net is a full-service cloud provider requiring secure systems that can excel in various customer use cases. These include:
- HIPAA Hosting
- General Cloud Platform Workloads
- Dedicated Hosting
- PCI Hosting (Payment Card Industry)
- Managed Services
- VPS Hosting

## Solution

Atlantic.Net provides a wide range of services to many customers with varying workloads. Thus, Atlantic.Net needs a broad range of servers to satisfy its growing customer base. These include:
- SuperStorage: SSG-6049P-E1CR24L with up to 24 Hot-Swap 3.5" drive bays
- SYS-2029BT-HNR: Supermicro BigTwin with four nodes and dual Intel Xeon sockets per node
- SYS-1029U-TN12RV: Supermicro Ultra platform with dual-socket Intel Xeon Scalable processors

**SOLUTION**

- SSG-6049P-E1CR24L
- SYS-2029BT-HNR
- SYS-1029U-TN12RV
- SYS-5039MP-H8TNR

- SYS-5039MP-H8TNR: Supermicro MicroCloud with eight blades per chassis

SSG-6049P-E1CR24L     SYS-2029BT-HNR     SYS-1029U-TN12RV     SYS-5039MP-H8TNR

## Benefits

Atlantic.Net understands that different workloads and computing and storage environments require servers and storage systems optimized for high performance. The new range of servers and storage systems that Atlantic.Net can provide to its customers reduced costs while maintaining agreed-upon SLAs. Atlantic.Net continues to refresh its servers and technology options for customers with the latest generation of Supermicro servers. The latest servers from Supermicro will allow for more work per watt, enabling reduced power expenditures and a lower OPEX.

"Supermicro continues to provide Atlantic.Net with an excellent range of optimized servers. We are able to easily create innovative, highly performant, and dependable solutions that allow our customers to get the business results that they need. Supermicro's service and knowledge of multiple industries and workloads allow us to work together to bring advanced solutions to customers across multiple industries with varying resource and compute models."

- Josh Simon,  Vice President of Cloud Services and R&D at Atlantic.Net