

Secure Your Clients' Data at the NAP of the Americas

Verizon Terremark's Purpose-Built NAP of the Americas Data Center

At AwesomeCloud, we know how crucial security is to each of your clients, so we designated Verizon Terremark's flagship data center, the NAP of the Americas® as our primary data center. As an AwesomeCloud partner, you can rest assured knowing that your clients' data is protected from both intrusion and loss, regardless of potential natural disasters such as hurricane, flooding or fire. With military grade encryption and 24/7 security, we are able to provide you and your clients with the same secure solutions that government agencies, and Internet service providers benefit from.

Located in Miami, Florida, the NAP of the Americas is a 750,000-squarefoot, certified Tier-IV data center and acts as a communications hub between North America, Latin America, Central America and other areas.

Key Features

- ✔ **SSAE16** compliance (the successor to SAS 70) ensures you are offering cloud-based solutions with the highest level of security available.
- ✔ **Infrastructure Redundancy** is built in the NAP of the Americas so construction can be performed on any part of the building without disturbing the integrity of the center or its processes.
- ✔ **Armed Security** is on-site 24/7 and monitors the premises via surveillance cameras. Card-key access to elevators and building entry.
- ✔ **Military-Grade Encryption** provides top-level security, protecting the most sensitive data from intrusion and/or potential loss.
- ✔ **Natural Disaster Safeguards** are in place to protect data from fire, flood, hurricanes and other weather-related disasters. The NAP of the Americas was built 32 feet above sea level in 2001 to withstand a Category 5 hurricane. With a 7-inch thick steel & concrete reinforced exterior and 19 million pounds of concrete roof ballast, Terremark's NAP of the Americas is virtually impenetrable.



Physical Security

The NAP of the Americas has a centrally-located Command Center manned by security personnel 24 hours a day, 7 days a week, 365 days a year. Security personnel monitor all security cameras, guard building entrance and exit access points, and control key card access to elevators, floors and roof areas. In addition, environmental sensors notify tenants and mobilize rescue in case of emergency.

Connectivity & Speed

While safety and security are a top priority, connectivity and speed are just as important, making the NAP of the Americas a fantastic data center.

- ✔ **Seven Tier 1 Service Providers** and **160 global carriers** provide upstream access to the Internet. Verizon requires the Tier 1 Service Providers to have at least OC-48 capacity to maintain connectivity.
- ✔ **15 domestic Fiber Backbones** provide superior performance and quickly add any carrier required by downstream clients.
- ✔ **Latency Testing** ensures that each backbone provider meets client requirements to ensure SLA compliance.



Power & Electrical Infrastructure

The NAP's electrical and mechanical infrastructure enables you to offer cloud services to your clients with that are always on and always available.

- ✔ **100% AC Power SLA** with 2N+1 redundancy provides you with the peace of mind to offer reliable cloud services to your clients.
- ✔ **Power Redundancy** with power fed from two independent substations.
- ✔ **Uninterrupted Power** provided by 12 HiTEC Continuous Power Systems.
- ✔ **Medium-Voltage Switchgear** fed by three 13,200 volt feeders.



Learn More About AwesomeCloud

Inspire confidence within your clients by partnering with AwesomeCloud and experience the ultimate in security and data protection at Verizon Terremark's NAP of the Americas data center. As part of the AwesomeCloud Partner Program, your clients will benefit from one the most advanced data centers in the world.

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