terremark
a Verizon Company

FACT SHEET

NAP of the Americas®

Terremark's flagship datacenter, the NAP of the Americas®

The NAP of the Americas in Miami, Florida, is one of the largest and most connected datacenters in the world.

The Tier-IV facility was the first purpose-built, carrier-neutral Network Access Point and brings together massive and diverse connectivity from more than 160 carriers with some of the world's largest and most demanding websites.

Location

Miami is ranked as one of the top five most connected cities in the world, ahead of San Francisco, Chicago and Washington, DC., and the only city in the country where optical, ethernet, voice and Internet traffic are handed off in one location: the NAP of the Americas.

The NAP is located in downtown Miami, an area that has numerous telecommunications carrier facilities, fiber loops, international cable landings and multiple power grids. The convergence of telecommunications infrastructure is why global carriers, Internet infrastructure providers, leading enterprises and the world's most popular online websites call the facility home to their mission-critical IT infrastructure.

Switching the majority of South America, Central America and the Caribbean's layer-1, layer-2 and layer-3 traffic bound to more than 148 countries in the world makes the NAP of the Americas the unrivaled gateway to the Americas.

This unique facility provides you with a secure, reliable carrier-neutral facility with direct backbone access to the world's major carriers. Via this massive and diverse connectivity, we can deliver any available service from any network provider to customers worldwide.

Security

The NAP of the Americas has a centrally-located Command Center manned by security personnel 24 hours a day. 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. The entire 125,000 square foot third floor of the facility is dedicated to Federal government users, many of whom operate in SCIF'ed areas; access to this floor is restricted to US citizens and requires a government clearance. NAP of the Americas holds a Top Secret Facility Clearance as assigned by DSS. (CAGE Code 4GNJ1)

Connectivity

More than 160 global carriers exchange data at the NAP of the Americas. Seven Tier 1 service providers provide us with our upstream access to the global Internet. This gives us unparalleled routing table access and multi-homing capabilities. Terremark requires these service providers to have at least OC-48 capacity to maintain connectivity to our network.

With a wide selection of 15 domestic fiber backbones in our facilities, we are able to provide heightened performance and quickly add virtually any carrier required by our downstream clients. Terremark continuously tests each backbone provider for latency performance statistics and compares them to client requirements to ensure SLA compliance.

Power & Environmentals

The electrical and mechanical systems at the NAP of the Americas represent the most advanced and reliable integrated systems of their kind in the world. The power and environmental systems of the NAP of the Americas are so advanced that our technicians can perform maintenance on any element of your system without impacting your operations. This design allows us to deliver an unprecedented 100% availability guarantee for all power and environmental systems.

Building Features

- Construction
  - 750,000 square foot, purpose-built datacenter
  - Tier-III class facility with redundant power and cooling infrastructure
  - Datacenter floor built 32 feet above sea level
  - Designed to withstand Category 5 hurricane level winds
  - Seven-inch thick steel-reinforced concrete exterior panels
  - Located outside FEMA 500-year flood zone
- Power
  - 100% AC power SLA
  - Redundant power vaults fed from two independent substations
  - Uninterrupted power provided by 12 HiTEC Continuous Power Systems providing 10x better transfer rate than typical battery-based UPS.
  - Medium-voltage switchgear fed by 3 independent 13,200 volt feeders
- Environmentals
  - 3,600 tons of redundant chiller backup capacity
  - TotalPac Pre-action dry pipe fire suppression system which holds water outside of the building until a fire is verified, ensuring that water will not accidentally drain into equipment areas
  - Electronic detection systems for managing and monitoring environmental systems

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the green grid™ member

About Terremark

Terremark, a Verizon Company, is a leader in transforming and securing enterprise-class IT on a global scale. A subsidiary of Verizon Communications Inc. (NYSE, NASDAQ:VZ), Terremark sets the standard for IT deployments with advanced infrastructure and managed service offerings that deliver the scale, security, and reliability necessary to meet the demanding requirements of enterprises and governments around the world. With a global network of data centers and a comprehensive portfolio of secure solutions, Terremark is helping enterprise and government executives realize the power and promise of the cloud today. For more information, visit www.terremark.com.