



# Meet today's DEMANDING CRITICAL INFRASTRUCTURE NEEDS

## Our flagship data center: NAP of the Americas

The NAP of the Americas provides you with a secure, reliable carrier-neutral facility with direct backbone access to the world's major carriers.

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.

**100%**  
AVAILABILITY  
GUARANTEE FOR  
ALL POWER AND  
ENVIRONMENTAL  
SYSTEMS

Our Tier-IV class facility was the first purpose-built, carrier-neutral Network Access Point (NAP) 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, D.C., 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 infrastructures.

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 U.S. federal government users; access to this floor is restricted to U.S. citizens and requires government clearance.

### 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 multihoming capabilities. We require 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. We continuously test each backbone provider for latency performance statistics and compare them to client requirements to help ensure SLA compliance.



### POWER AND 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.

Verizon is helping enterprise and government executives realize the power and promise of the cloud today.

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#### CONSTRUCTION

- 750,000 square-foot, purpose-built data center
- Tier-IV class facility with redundant power and cooling infrastructure
- Data center floor built 32 feet above sea level
- Designed to withstand Category 5 hurricane-level winds
- Seven-inch thick steel-reinforced concrete exterior panels

#### 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 three 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, helping ensure that water will not accidentally drain into equipment areas
- Electronic detection systems for managing and monitoring environmental systems

#### LEARN MORE

For more information about the NAP of the Americas, visit [verizonenterprise.com](http://verizonenterprise.com).

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