CCIHosting.com
Cloud Hosting since 2002

INFRASTRUCTURE & SERVICES OVERVIEW

Panama Offshore Data Center

Tier III certified infrastructure in Panamá Pacífico, operated by CCIHosting since 2002 for hosting, VPS, dedicated servers and colocation.



Cyber Cast Intl

Presented by
Cyber Cast International, S.A.

ABOUT US

Hosting from Panama since 2002

CCIHosting is the hosting brand of Cyber Cast International, S.A., based in Panama City. We run our own servers, virtualization platforms and network, and our own team supports customers directly.

- Offshore shared hosting with cPanel or Plesk
- KVM virtual private servers on AMD EPYC with local NVMe
- Linux and Windows dedicated servers
- Server colocation, from single servers to private cabinets



2002
Hosting in Panama since

AS27956
Our own autonomous system

Tier III
Certified data center

99.9%
Network Uptime Guarantee

THE DATA CENTER

Infrastructure at a glance

The facility supplies the building, power, cooling and physical security. CCIHosting supplies everything that runs on top of it: servers, virtualization, network and support.



Tier III certified

Concurrently maintainable power and cooling paths, so planned maintenance does not take equipment offline.



Redundant power

N+1 backup generators and enterprise UPS systems carry the load through utility outages.



Precision cooling

Dedicated precision cooling units on both floors keep server hardware in a stable range.



24/7 security

On-site security staff, a mantrap entrance, card plus biometric access and recorded CCTV.

LOCATION

Panamá Pacífico, Panama

Our infrastructure sits in Panamá Pacífico, a business and logistics area a short drive west of Panama City. Panama is a regional connectivity hub between North and South America.

What CCIHosting operates inside the facility

- Hosting servers and storage
- Virtualization platforms for KVM VPS
- Network equipment and IP routing (AS27956)
- Administration and customer support by our own team



ELECTRICAL

Redundant power infrastructure

When utility power drops, UPS systems carry the load without interruption while the backup generators start. Generation is configured N+1, so a generator can be serviced, or fail, without reducing the capacity available to equipment.

Racks for appropriately configured deployments receive A and B power feeds, so servers with dual power supplies stay online if one feed is interrupted.

Electrical specifications

Backup generation	Five 750 kVA generators, N+1 configuration per floor
Generator autonomy	Five days, as documented for the facility
UPS systems	Four units: 2 × 300 kVA and 2 × 1,000 kVA
UPS autonomy	More than four hours under specified load conditions
Rack power	A/B feeds for appropriately configured deployments

ENVIRONMENT AND SECURITY

Precision cooling and multilayer security

Cooling and environment

- Precision cooling infrastructure on both floors
- Dedicated units for customer equipment and telecommunications areas
- Controlled environmental conditions for server hardware
- Continuous environmental monitoring
- Preventive and corrective maintenance of cooling systems

Security controls

- Security personnel on site 24/7/365
- Perimeter protection and a single controlled entrance
- Security vestibule (mantrap) at the entrance
- Electronic access cards with biometric authentication
- Electronic door locks and CCTV with recorded footage

NETWORK

Our own network, AS27956

CCIHosting operates its own autonomous system and routes its traffic over BGP, so routing, IP addressing and traffic policy are managed directly by our engineers.

Network-level DDoS mitigation filters attack traffic before it reaches customer servers, and our team monitors the network and responds to incidents around the clock.

Network specifications

Autonomous system	AS27956
Routing	BGP
Equipment	Enterprise Cisco routers and switches
Connectivity	Fiber-optic, with international IP transit
Protection	Network-level DDoS mitigation
Network SLA	Network Uptime Guarantee of 99.9%

OPERATIONS

Two teams keep your services running

Facility operations look after the building's electrical, cooling and environmental systems. CCIHosting runs the servers, virtualization platforms and network, and supports customers directly.

Facility operations

- 24/7/365 infrastructure monitoring
- Electrical and environmental system monitoring
- Preventive and corrective maintenance
- Incident and problem management procedures

CCIHosting operations

- Server monitoring and administration
- Virtualization platform management
- Network monitoring and troubleshooting
- Technical support by live chat and support tickets

The Tier III standard references 99.982% availability for a facility's infrastructure. That figure describes the building, not a CCIHosting service guarantee; our commitments are defined in our Service Level Agreement.

SERVICES

Hosting services in our Panama data center



Shared hosting

cPanel or Plesk hosting with daily backups and DDoS filtering.

ccihosting.com/offshore-hosting.html



KVM VPS

AMD EPYC with local NVMe storage and full root access.

ccihosting.com/offshore-vps.html



Dedicated servers

Linux or Windows bare metal with ECC memory and direct hardware access.

ccihosting.com/offshore-dedicated-server.html



Colocation

Your own hardware, from a single 1U server to a locked private 42U rack.

ccihosting.com/panama-server-colocation.html

See ccihosting.com for current plans and terms.

JURISDICTION

Why host in Panama

Panama offshore hosting places your infrastructure in a jurisdiction separate from the United States and the European Union, with the connectivity and business environment to run production services.

- Jurisdiction outside the United States and the European Union
- Central position between North and South America
- Regional fiber connectivity hub
- US dollar-based economy and stable business environment
- Bilingual technical workforce



NEXT STEPS

See it for yourself

Take the interactive virtual tour of the data center, from the perimeter fence to the racks, then talk to our team about the right service for your workload.

Virtual tour: ccihosting.com/data-center-tour.html

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