



# FREQUENTLY ASKED QUESTIONS

## The Data Center at the Atlantic City Convention Center



Photo Credit: Meet AC



New Jersey-licensed Continent 8 Technologies, the world's largest iGaming data center and global network solutions provider, is opening a new data center at the Atlantic City Convention Center in partnership with the CRDA (Casino Reinvestment Development Authority). This facility is ideally positioned to become a key component for gaming companies' hosting strategy across the United States.

This expansion fortifies Continent 8's commitment to Atlantic City. It will provide direct connectivity to Continent 8's private global network interconnecting over 40 gaming jurisdictions across Europe, Asia, and North and South America.

Continent 8 is encouraging clients to deploy a 'Hub and Spoke' infrastructure architecture and deployment strategy across the United States. This facility in Atlantic City offers scope for clients to deploy main back-end infrastructure and core data management, while minimal distributed 'Spoke' architecture is deployed in surrounding regulated states to meet regulatory requirements, interconnected back to Convention Center data center facility to deliver improved performance, cost saving and speed to market benefits.





## Frequently Asked Questions

### **Where and how big is the data center?**

The data center is located at the Atlantic City Convention Center, delivering secure multi resilient network connectivity. This independent facility opened in June 2019 and initially offers 12,000 square feet of co-location white space with scope to increase as clients deploy and grow. In addition, potential online live studios and Esports facilities will be deployed.

### **What makes the data center at the Atlantic City Convention Center stand out from other data centers in Atlantic City?**

The data center at the Atlantic City Convention Center is the only purpose-built data center in Atlantic City, offering clients a unique independent hosting site with multi-state interconnection to other regulated states across the United States. It is linked to multiple local telecom carriers and ISPs, and connecting to submarine cable systems worldwide as part of Continent 8's Global Gaming Exchange Network, delivering direct secure interconnection to Gaming jurisdictions worldwide.

### **Will my servers meet regulatory requirements if hosted in the data center and outside of a casino?**

Yes, they will. Continent 8 operates under its own CSIE license, allowing us to act like a casino but without the business! Therefore, the data center is fully regulated under DGE regulation, via Bill (S185 / A1903) passed in 2014 to specifically allow and enable online gaming equipment to be located at a secure facility other than a casino, but still within Atlantic City, under the auspices of a casino licensed entity and facility.

### **Can I host my data in the data center to serve other state gaming regulations, e.g. Pennsylvania?**

At the present time, the data center is only regulated to serve online sports betting, casino, and poker requirements in New Jersey. Continent 8 offers state-of-the-art data centers in other regulated states, such as Pennsylvania, West Virginia, Mississippi, and Nevada. Additional facilities are being opened in Iowa, Indiana, Tennessee, and Illinois as regulation passes in each state. All data centers are interconnected via a single network to complement operators' multi-state data hosting requirements and ensure full regulatory compliance and interconnection to the data center where required.

### **Why should I relocate my servers to the Continent 8 data center in Atlantic City?**

The data center is not aligned to any casino. Instead, it offers clients the optimum environment for hosting mission critical data, with a purpose-built design and infrastructure to deliver power, cooling and uptime resilience within a neutral independent location and its independence delivers greater flexibility for client's multi-state business partnerships, away from a single casino hosting provider. The modular build offers ample space and service stability, with capacity for long term client growth.

The data center uniquely meets DGE regulatory approval, leveraging Continent 8's CSIE license and delivers superior multiple resilient connectivity via multiple 10G links. In addition, the data center offers state of the art security, both physical and cybersecurity, with all connectivity wrapped in our global DDoS Protection platform.

Direct secure connectivity to multiple public Cloud providers such as AWS, Google, and Azure is available from the data center. In addition, exciting developments are ongoing to launch a brand-new private iGaming Cloud platform working with the DGE. Further details to follow.

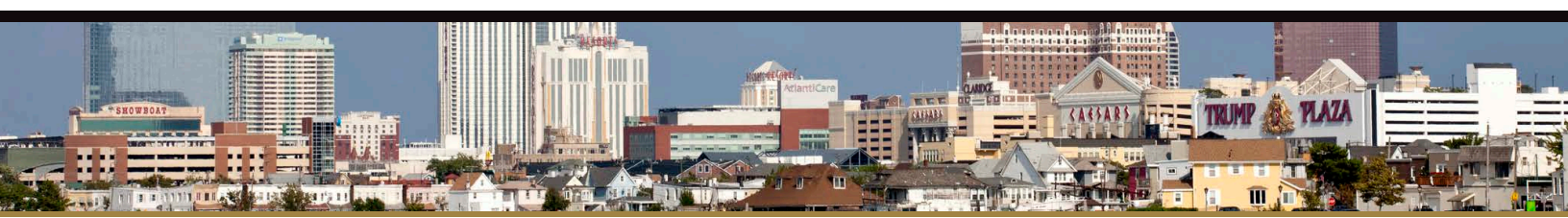
The data center also naturally offers scope for Business Continuity and Disaster Recovery back-up to other casino premises in Atlantic City, utilizing Continent 8's secure, fully-managed interconnected network to Continent 8's footprint in other regulated states across the US. The data center also provides added resilience by utilizing the original power network feed that supplies key priority amenities such as the local hospital. The majority of Casinos are serviced via an alternative power feed in Atlantic City.

### **What can I expect from the data center at the Atlantic City Convention Center?**

Continent 8's 20-year experience in the Online Gaming Sector enables our customers to fully realize evolving business potential in this exciting new US marketplace. The modular build offers ample space and service stability, with capacity for long term client growth as well as embrace evolving technologies of big data, Internet of Things (IoT) and Artificial Intelligence (AI) within online gaming. Continent 8 is situated in the center of diverse Internet businesses to help facilitate exchanges of information between each client and its customers. This "peering" or exchange of information among Internet service providers ensures each customer the highest degree of commercial synergy and cost savings within clients' own communities of interest and ecosystems.

The success of Continent 8's customer-oriented co-location services is measured by: quality, reliability, connectivity and security.

- **Quality:** Continent 8 puts quality as our highest priority. Our technological expertise and proven long-term commitment to Data Center security and uptime provides peace of mind as clients enjoy service stability.
- **Reliability:** Continent 8 Data Centers have proven long term experience of operating smoothly and securely for all clients 24/7, wrapped in a market leading SLA. The data center has been designed to the latest technology specification utilized within Hyperscale Data Center environments. This includes an overall architecture focused on power efficiency, availability and infrastructure protection from cybersecurity threats. In addition, the standard and expected use of resilient deployments in terms of generators, switchgear, cooling, gas fire suppression, VESDA fire detection, access and video security in an N+1 configuration or higher is managed by dedicated facilities and remote hands teams, available 24 hours a day.
- **Connectivity:** The data center is connected to Continent 8's Global Gaming Exchange Network, which ensures high-bandwidth connectivity, secure private ethernet connection via peering with global leading network partners and solid backup support to interconnect to all other regulated states plus other gaming jurisdictions worldwide.
- **Security:** Physical security is assured via Biometric Readers, CCTV, Gates, and 24 hour manned security staff. Data cybersecurity protection is enabled via Continent 8's leading global DDoS Protection platform.



## **How can the data center support my business continuity and disaster recovery strategy?**

The data center offers a resilient alternative facility for infrastructure hosted in other locations in New Jersey, in particular infrastructure in other Atlantic City casinos. The data center is powered via Atlantic City's original power feed, which includes key amenities such as the hospital and priority support services should natural disaster occur. The majority of casinos in Atlantic City are powered by the alternative power feed supplying Atlantic City, so deploying infrastructure with a partner casino in a dual data center topology offers the best local resilience. In addition, the data center offers tri-resilient links to Continent 8's local Point of Presence (PoPs) in Philadelphia and New York, as well as dark fiber connection to casinos' facilities, offering online gaming operators the best possible Disaster Recovery strategy in Atlantic City.

A comprehensive business continuity strategy will ensure your business can continue to operate during unexpected downtime caused by natural disasters, cyber-attacks, network failures or human error. It can help mitigate some of the risk caused by downtime and protect your revenue, reputation and customer trust. Unfortunately, many high-profile cases of downtime were experienced in the US online gaming marketplace in recent years.

Continent 8's interconnected footprint of Data Centers is located across a range of Power Grids and seismic geographies from East to West Coast. This range of geographies offer ample opportunity for the data center to form a pivotal part of any gaming companies Disaster Recovery and Business Continuity strategy in the US to ensure seamless failover. In addition, Continent 8 is exploring options with a number of regulators to design a regulator-approved disaster recovery operation between New Jersey and neighboring states. We would be pleased to discuss options in more detail with clients.

## **What is DDoS? Will the data center protect my data from cybersecurity threats?**

Connectivity from the data center is wrapped in Continent 8's leading global DDoS Protection platform. DDoS stands for 'distributed denial of service'. It involves attackers flooding an online service, such as a website with lots of traffic from different sources so that it causes the server or network to become overloaded in an attempt to bring the service down. The Continent 8 solution includes a number of services, including sophisticated network monitoring, automation, threat intelligence, traffic pattern analysis, and behavioral analysis that work together with our expertise and experience to deliver a fast, automated and proactive service to detect and mitigate cybersecurity threats to all clients hosted in the data center as well as throughout Continent 8's global gaming network.

## **What network bandwidth options are available at the data center?**

We have a range of established clients with wide-ranging requirements so Continent 8 is able to offer a number of options, including logical connections from 100mbps to 10Gb and bandwidth allowances in 1mbps increments to match any client's bespoke network profile. Connectivity services can be offered including IP Transit, L2 and L3 MPLS, Transparent ethernet services, and Continent 8 Cloud Connect on a global basis, supplied by blending connectivity capabilities of the leading Tier 1 carriers into Atlantic City.

## **What measures are in place to ensure the resilience of the data center?**

We have deployed the latest resilient infrastructure including generators, switchgear, cooling, gas fire suppression, VESDA fire detection, access and video security in an N+1 configuration or higher. In addition, our managed network follows multiple diverse routes to ensure resilience out of Atlantic City. Over the past 12 months Continent 8 has redesigned the network topology into Atlantic City. The data center now offers improved diverse connectivity both in routing and via partner providers to ensure maximum uptime as well as increased 10G links.

## **What is the benefit of utilizing the Continent 8 Gaming Cloud instead of a public cloud service, such as AWS or Microsoft Azure?**

Organizational requirements and objectives will influence which Cloud model is best for you. The Continent 8 Public Gaming Cloud delivers the benefits of scalability, flexibility and resilience. At Continent 8 we will work with you to determine which approach is the best fit for those needs as well as meeting regulatory requirements, which could be our Public Gaming Cloud, a Private Cloud, AWS, Azure or a hybrid deployment. Both Private Gaming Cloud and Public models have inherent benefits while Public models tend to be cheaper. Private models are ideal for a regulated Gaming sector requiring stringent security and audit requirements.

## **How do you ensure there is enough capacity to support my Connectivity and Co-location needs?**

The data center has been built and designed with the long term in mind. The location has been purposely selected in an independent building with a secure long-term lease to offer security and assurance for clients' future business aspirations. The modular design offers scope to increase co-location and rack space over many years to accommodate large scale client growth.

Continent 8 has leveraged its close working partnership with local Tier 1 network providers to deploy new circuits into Atlantic City, purpose designed for Gaming clients multi-state and global requirements. A 10G core network interconnects our multiple data centers across the US, as well as multiple points of connection to the internet via numerous Tier 1 providers. As a result, Continent 8 can seamlessly, securely and directly connect your business to other sites, your central services, headquarters, our data center footprint and to the internet.

## **How can Continent 8 guarantee performance of my connectivity?**

All connectivity options are delivered to your hosted platform, access link or colocation service as a fully managed and monitored service within a comprehensive market leading SLA with a focus on availability.

## **What's the benefit of having a single supplier?**

Continent 8 simplifies the management of client's Co-location, Cloud, DDoS Protection and Connectivity service and, by consolidating multiple services and offerings, this means clients benefit from a simplified, single contract and centralized billing. You'll get peace of mind with Continent 8 as your single point of contact, managing your network, cybersecurity and co-location uptime for consolidated cost savings.



## **I have critical IT infrastructure that needs to be highly available and highly secure, does your service meet these requirements?**

Continent 8 is the perfect partner for providing highly available and highly secure Data Centers, fully focused on the operation of our customers' mission critical infrastructure by operating the highest levels of physical security. The data center delivers a hosting environment designed and built for the highest operational sustainability. We pride ourselves on operational excellence and all of our processes and procedures are consistent across all of our facilities, therefore we are able to provide high availability with proven experience and uptime over the last 20 years.

Security is at the forefront of what we do. Our data centers are PC, SOC, and ISO27001 accredited and supported by stringent access control policies and procedures, 24/7 security guards, man traps, biometric readers and proximity cards that restrict access to specific areas, plus full internal and external CCTV coverage. We provide hosting for all levels of security and compliance for clients who need to be PCI-DSS certified, so whatever your security requirements are, we can meet your needs.

## **Do you provide remote hands services?**

Yes, we can provide this service on a 24/7 basis. We can offer this in two levels. The first level will consist of basic activities such as server reboots, visual verification, third party escorting and tape handling. In addition, we can offer a second level, which will typically be activities such as cable patching, installations plus component swap outs.

## **Who do I contact with questions about the data center?**

Please send any questions or requests to [sales@continent8.com](mailto:sales@continent8.com) and we will respond within 24 hours; or call **+1 514 461 5120**.

## **What is the Continent 8 strategy in North America and potential in Latin America?**

When it comes to investment, we continue to be thoughtful about increasing value to our clients and extending our global leadership position in every market. We continually remain proactive on potential new sites and engage early with state regulators and officials to advise and ensure all Data Centers meet regulatory approval while continuing to:

- Scale our interconnected global Data Center Gaming platform
- Enhance interconnection/network density, Gaming sector ecosystem opportunities and Cloud density
- Increase scale and access to key Gaming jurisdictions across the US and LATAM

Continent 8 continues to invest in North and Latin America as an emerging growth market where we can support both existing and new client demand driven by the rapid growth of regulated gaming markets aligned with the digital economy and Cloud technology. We see many key macro indicators and regulatory evolution that shape our objectives, including:

- New Regulation and internet maturity are evolving in Latin American countries
- Macro digital trends (bandwidth consumption, increase in social media, IT spend, connected Sportsbook/Casino devices, Cloud computing, etc.) are accelerating
- LATAM has the largest number of new submarine cables when compared to the rest of the world
- Our global clients are showing us their intent to open and deploy infrastructure in Latin America



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