



Case Study

**Continent 8 Technologies enabling
rapid growth in the US via
Cloud Connect for AWS Outpost**

The Customer



FanDuel Group is an innovative sports-tech entertainment company that is changing the way consumers engage with their favourite sports, teams, and leagues. The premier gaming destination in the United States, FanDuel Group consists of a portfolio of leading brands including America's #1 Mobile Sportsbook app, a leading daily fantasy sports platform, FanDuel Casino and Stardust, its casino brands, as well as TVG, the leading racing media and wagering platform. FanDuel Group has a presence across all 50 states and 12 million customers. An official sponsor of the NFL, WNBA, NBA, NHL, MLB and PGA TOUR, FanDuel operates 16 retail locations across the United States.

The well-known, licensed sportsbook operator is growing rapidly in the highly competitive US iGaming market. They are building their US solution via a repeatable, regulatory compliant AWS Service capability, to achieve and maintain player acquisition and revenue growth.

With an "all-AWS" platform design, and a regulatory requirement for dedicated in-state transaction processing, an AWS Outpost was the necessary infrastructure stack, connected to AWS East & West regions.

Needing a provider to create a solution which would deliver reliable and dedicated connectivity scalable to requirements, [Continent 8](#) (C8) worked to produce a suitable template solution to fit the various challenges faced by FanDuel.

"Continent 8 are a key and strategic partner for FanDuel and the combination of Continent 8 Data Centre services and Amazon Web Services has enabled FanDuel to focus on achieving its mission of providing the best product to customers in the industry."

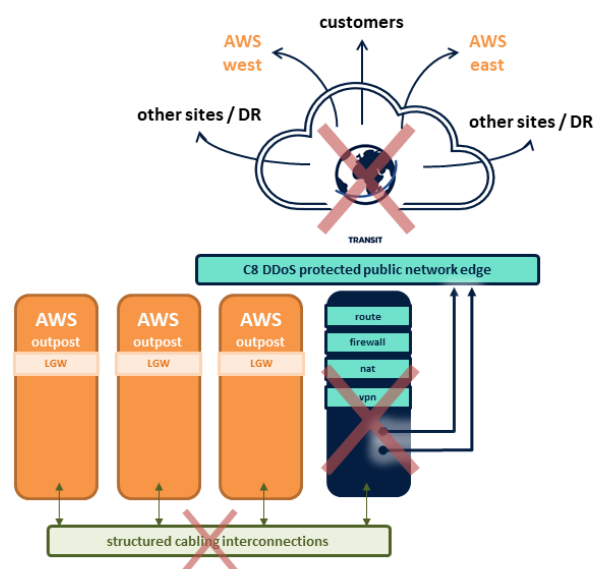
Shane Sweeney, VP of IT at FanDuel



The Challenge

There were multiple requirements to be met from technical to commercial, with an over-riding desire for repeatability through a template solution design:

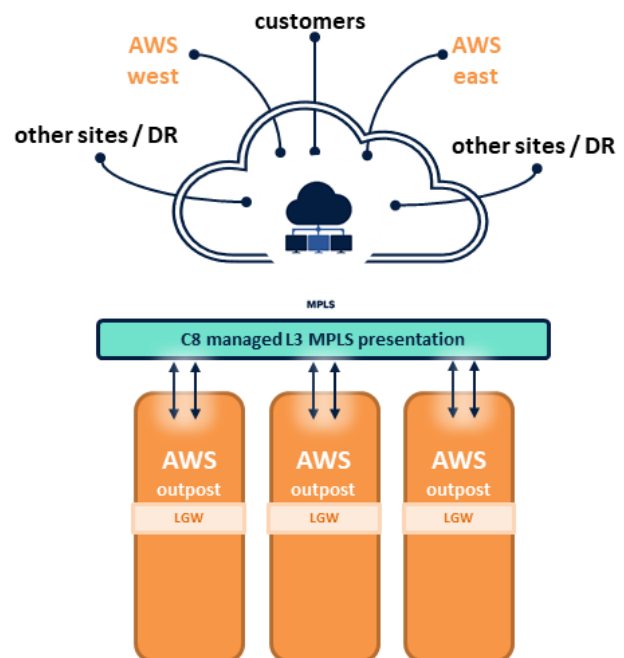
- **Interconnected** – the need to enable all AWS Outposts to communicate locally, remotely and with multiple AWS Instances.
- **No network management** - no local network infrastructure beyond the AWS Outpost; all sites to be “green-field” with no separate network infrastructure and associated co-location rack space.
- **Quality connectivity** - low latency, diversely resilient private and secure (not DDoS-able) 10Gbps port / up to 5Gbps guaranteed data transfer rates across the US.
- **No significant lead times** - first to market, fully managed and implemented as fast as an AWS Outpost can be shipped.
- **Future-proof** – provision guaranteed for existing and future sites in all states with highly scalable connectivity to multiple AWS direct connect locations, with a template for replication.



The Solution

Continent 8 proposed and delivered a solution to FanDuel using its existing MPLS network, Continent 8 Cloud Connect product and AWS Outpost Enablement Package:

- The C8 MPLS network is built to connect every C8 site and PoP together via diversely provided and routed wavelength services. The MPLS mesh overlay is used to deliver quality of service and simplified customer VPN delivery options.
- Using a Layer 3 presentation and an effective MPLS VPN Cloud, each AWS Outpost can communicate locally without the need for any local network infrastructure, and remotely to all other instances deployed, enabling disaster recovery data replication and backup capabilities to dedicated port speeds required.
- Using C8 Cloud Connect, existing and additional AWS Direct Connect network points on East and West Coasts of the US could be connected quickly and easily with no complicated or additional customer interaction.



“We have seen significant growth in AWS Outpost utilisation by our customers. To best serve our partners in the US, our team works closely with theirs to understand and meet their vast requirements. As a result, we were able to deliver a template solution to FanDuel, offering the most available and resilient connectivity.”

Justin Cosnett, Chief Product Officer at Continent 8 Technologies



The Benefits

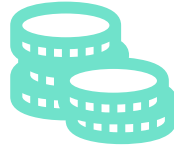


Speed

C8 could deliver almost immediately in any existing site, and pre-provision to future sites at the same speed as AWS Outpost shipping capability; less than 6-8 weeks.

This meant the customer could place an order and be market-ready faster as each state regulated.

Being one of the first operators ready for market meant more sporting event support and player acquisition capability – and therefore higher revenues.



Cost

By delivering private MPLS connectivity directly to the AWS Outpost – there is significant Network Edge (NE) direct cost savings:

- NE Infrastructure per state - Routers, Firewalls or Switches
- NE Infrastructure at (min. 2) AWS Direct Connect locations
- NE Colocation Rack and power
- Procurement and ongoing management of NE

This is in addition to the savings achieved through the scale of existing and future requirements via C8, and in comparison, to procuring wavelength services from multiple suppliers to build and manage.



Simplicity

Customer teams could concentrate on configuration and administration of AWS services in Outposts and AWS regions – with a simple and fault tolerant fully managed network connecting them.

The customer didn't need to invest or recruit network teams to manage network infrastructure, or face delays to project rollout while awaiting supplier quotations and diverse survey checks.

C8 was also able to provide a simple site pricing to enable growth planning and repeat the delivery and presentation for all future sites.

About

Continent 8 Technologies (C8)

Founded over 20 years ago, C8 is an award-winning, multi-jurisdictional, global network solutions provider that connects, manages, and secures the world's most valuable information.

The company has data centres and strategic points of presence in over 80 connected locations spanning Europe, the Americas and Asia, and is expanding rapidly. Its carrier-grade network powers some of the biggest brands in iGaming.

With a first-to-market strategy, C8 is currently live in 23 states with future sites planned in the near future, enabling customers to capitalise on the fast-growing market.

C8 is an AWS Select Consulting Partner and as a member of the AWS Partner Network (APN), the company can assist iGaming operators and suppliers with AWS services and solutions. This includes the deployment and hosting of AWS Outposts throughout the US, via an AWS Outposts Enablement Package, which provides a delivery team to lead, co-ordinate and support the deployment from pre-install to go-live.

AWS

In 2006, Amazon Web Services (AWS) began offering IT infrastructure services to businesses in the form of web services - now commonly known as cloud computing. One of the key benefits of cloud computing is the opportunity to replace up-front capital infrastructure expenses with low variable costs that scale with your business. With the Cloud, businesses no longer need to plan for and procure servers and other IT infrastructure weeks or months in advance. Instead, they can instantly spin up hundreds or thousands of servers in minutes and deliver results faster.

Today, Amazon Web Services provides a highly reliable, scalable, low-cost infrastructure platform in the cloud that powers hundreds of thousands of businesses in 190 countries around the world.

Learn more about C8's AWS Outposts Enablement Package and how we can accelerate your cloud strategy [here](#).

