

# CASE STUDY:

## Nu Stadium at Miami Freedom Park



*Building the digital backbone of a world-class, future-ready fan destination*



# A new kind of connected sports and entertainment destination in Miami

Nu Stadium at Miami Freedom Park (MFP) is a state-of-the-art 25,000-seat stadium situated within a 131-acre site and will be the home of Major League Soccer (MLS) team Inter Miami CF.

The stadium has been designed as a major sports and entertainment destination, delivering an immersive and connected next-generation experience for sports fans and visitors alike.



## The challenge



MFP is a complex, high-ambition project built on an unprecedented scale, bringing together a world-class stadium, retail district, and entertainment spaces into one seamlessly connected destination. Delivering the technology required to power this bold vision demands meticulous design, coordination, planning, financing, and execution.

With dozens of vendors and third-party partners involved, all operating across different systems and priorities, precision coordination is essential to meet a tight, immovable timeline. It's a challenge that requires not just technical expertise, but unified leadership and a partner capable of orchestrating every moving part.

# Miami's new epicenter for shopping, dining, entertainment, and family days out

MFP will be a thriving destination for fans, families, foodies, professionals, tourists and locals alike. Anchored by Inter Miami CF's new stadium, a 5,000-person performance venue, over 200,000 square feet of additional entertainment outlets, 10+ restaurants & bars, and a 58-acre public park. In addition to the public park, the space provides ample greenspaces and plazas throughout the restaurants and shops at the doorstep of modern offices and boutique hotels.

## A place to work, shop and play

MFP is a dynamic destination where work, play, and shopping seamlessly come together. It's a vibrant space for diverse communal gatherings, whether collaborating in state-of-the-art office spaces, enjoying world-class sports and entertainment, or exploring premier retailers. Here, everyone belongs. Whether you're working, shopping, playing, or socializing, this is a place where all aspects of life converge, creating a thriving, connected community for all to enjoy.

## Nu Stadium

Inter Miami CF, owned by Jorge and José Mas with David Beckham as a co-owner, has pursued a permanent stadium since the club's launch in 2014. After multiple failed site proposals, the organization secured a breakthrough in 2018 with plans for MFP, a redevelopment of a former municipal golf course.

With permission finally secured in 2023, construction of the park followed, with the actual stadium build commencing in 2025.

The project aligns with a high-growth moment for the club. Inter Miami captured its first MLS Cup Championship in 2025, powered by global stars including Lionel Messi. The new stadium opened in time for the 2026 MLS season and is positioned as a cornerstone of the club's long-term strategy, enhancing fan experience, and strengthening the brand.



# The approach

Boldyn Networks (Boldyn) was selected as the connectivity partner for Miami Freedom Park with a clear mandate: design and deliver the digital foundation that would support the venue today while enabling innovation well into the future. From the outset, Boldyn worked closely with stakeholders to help define the technology vision for a next-generation sports and entertainment destination.

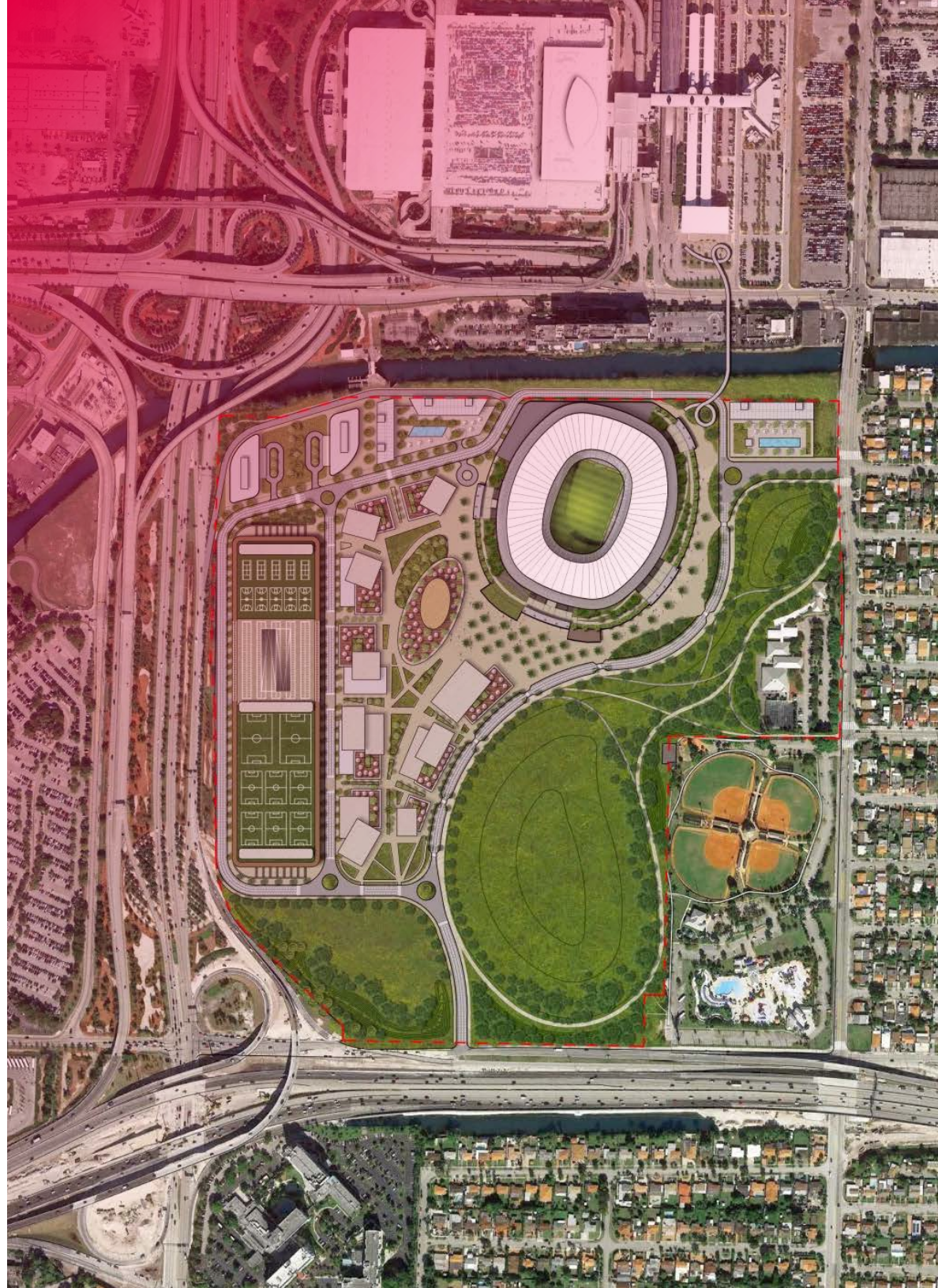
The approach focused on building a scalable, resilient connectivity platform capable of supporting evolving fan, team, and operator needs. Rather than deploying isolated systems, Boldyn designed an integrated digital environment combining private wireless networks, DAS, Wi-Fi, IPTV, and edge computing. This holistic approach ensured seamless performance across the entire development while allowing new technologies and use cases to be added over time.

Delivering a project of this scale and complexity required more than technical expertise. Boldyn provided leadership, flexibility, and disciplined oversight throughout the build. Acting as an extension of the client's team, Boldyn assumed accountability for coordinating all vendors and third-party technology providers – aligning schedules, resolving dependencies, and proactively addressing risks to avoid delays and bottlenecks.

This centralized management model created efficiencies and ensured all systems were delivered in lockstep.

On site, the team adapted continuously to shifting construction timelines, maintaining momentum and readiness as milestones evolved. Boldyn's flexible financing model further supported execution by keeping the project aligned with budget objectives while preserving long-term value.

Together, these elements enabled the delivery of a future-ready connectivity platform designed to elevate fan experiences across MFP from opening day forward.





## Key elements



### FINANCIAL INGENUITY AND FLEXIBILITY

- The cost to build a new stadium is invariably expensive and these costs continue to rise as technology advances.
- When partnering with Boldyn, we take a seat at the table to ensure that costs are transparent and predictable while providing an alternative source of funding.
- Boldyn is providing streamlined technology as a service to MFP, which required a Boldyn investment surpassing tens of millions of dollars to cover the entire tech stack. This model ensures MFP has state-of-the-art technology, managed by a long-term vested partner, ensuring that the network is designed, built, operated and upgraded for the long-term.



### END-TO-END IMPLEMENTATION

- The Boldyn team managed every stage of the project, conducting initial assessments and stakeholder workshops to align the client's vision with the required infrastructure.
- Once vendors were selected and designs approved, the team applied agile scheduling to remain in lockstep with construction milestones.
- After rounds of rigorous testing confirmed the go-live, integration with Boldyn's 24/7 Networks Operation Center (NOC) has delivered all-year round monitoring to ensure reliability and scalability.



### COLLABORATIVE ECOSYSTEM

To deliver this stadium's vision, Boldyn assembled a powerhouse team of network and infrastructure leaders:

- AmpThink, renowned for high-performance network builds in sports and entertainment venues across the US.
- MasTec, a national infrastructure company with deep roots in Miami, spearheading site deployment and local integration.
- Technology partners providing private networks, advanced DAS, converged network and Wi-Fi delivered the high-density, resilient connectivity fundamental to the project.
- The team engaged cloud & analytics specialists to deliver real-time insights covering everything from crowd management to fan engagement, while content innovators designed IPTV, digital signage, and immersive AR/VR experiences to transform fan interaction.
- There was strong alignment between stakeholders, regulators, and venue executives, working to create an environment that delivers for both fans and the local community.

# The solution

- **Distributed Antenna Systems (DAS):** Reliable, robust, and secure cellular coverage for fans and staff.
- **Converged Network backbone:** Covering data transport and cloud services, as well as the integration of IPTV, digital signage, and real-time analytics.
- **Converged Network System:** Supporting, managing and maintaining of the technology required to run the stadium, with over 2,000 networked devices covering building management, lighting, security cameras, and audio speakers.
- **TVs and broadcasting:** Over 200 connected TVs so fans in the stadium never miss any action, as well as extensive cabling to support game broadcasts through Apple TV.
- **Wi-Fi everywhere:** Over 600 access points to deliver a fully connected experience facilitating mobile ticketing, social sharing, and access to interactive content.
- **Data & analytics:** Cloud-based IoT platforms providing real-time insights into fan behavior, crowd management, and venue performance.
- **Constant monitoring:** 24/7/365 monitoring from Boldyn's NOC.

# The outcome

Boldyn has delivered a smart, future-ready stadium that redefines what a connected venue feels like. It has established a new benchmark for a smart entertainment district – all in time for the start of the 2026 MLS season. The MFP project highlights what is achievable when financial agility, aligned partners, and strong industry leadership come together.



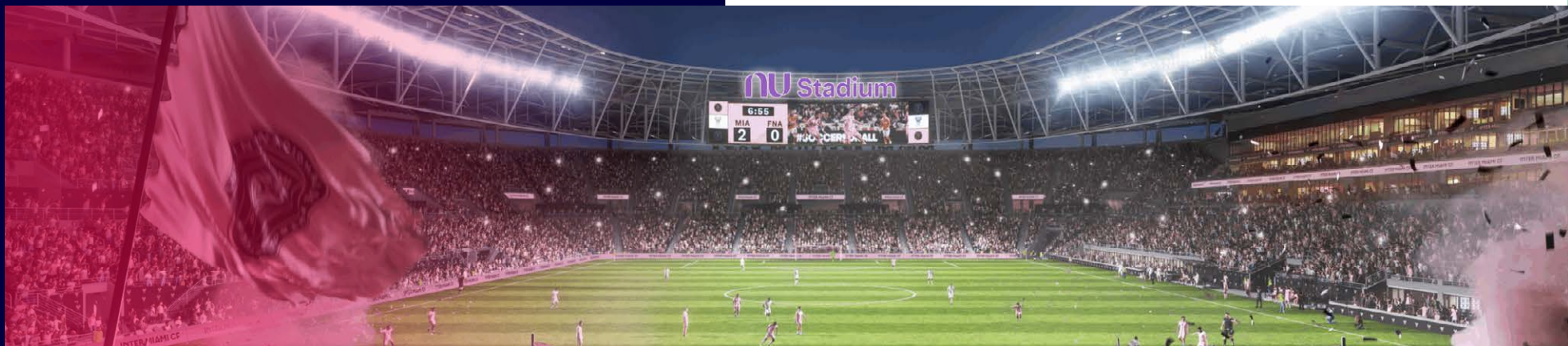
Enhanced fan experiences powered by high-speed connectivity – frictionless mobile ticketing, in-seat ordering, mobile app usage, immersive content and more.



Increased operational efficiency through real-time data and analytics supporting safety and staff coordination, while offering insights for longer-term improvement.



A future-ready infrastructure that can scale for the next-gen technologies powering tomorrow's personalized, immersive sport and entertainment experiences.



# Ready to bring advanced connectivity to your stadium?

Boldyn Networks is one of the world's largest neutral host providers and a leader in private networks, delivering the advanced shared network infrastructure needed for a smart, inclusive, and sustainable future. From interconnected transit, venues and enterprises, smart cities, next-generation and bespoke private networks, to smart campuses, we enable new possibilities in the way people live, work and play. Bringing connectivity to the most complex environments, our solutions portfolio includes deploying DAS, fiber, small cells, and Wi-Fi networks, accelerating 5G, and looking beyond to the next breakthroughs.

To learn more visit [Boldyn.com](https://boldyn.com)

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