

Sports & Entertainment

“The Makito’s low latency features and superior audio and video content delivery were key in making them the perfect encoding choice for us.”

- Claude Delorme, Executive Vice President, Operations and Events, Miami Marlins

Live Video Distribution for Marlins Park Powered by Makito HD Encoders

In 2012, the Miami Marlins moved into a new facility, Marlins Park. The more than 37,000 seat, state-of-the-art ballpark is considered innovative in several aspects of design, architecture, sustainability, and technology. To fully leverage the potential of the new facility, the Marlins were looking for a video solution that would bring the fan experience to an entirely new level.



miami.marlins.mlb.com

Challenge

From concession stands to private boxes to restaurants, the Miami Marlins wanted fans to stay in touch with the action on the field, in real-time. They wanted to provide instant replays and live video without any latency. They needed a flexible solution that could deliver live video to fans throughout the stadium so they have confidence to leave their seats and explore the ballpark without missing any crucial moments of the game.

Solution

The Miami Marlins selected Haivision’s high-performance, HD Makito encoding platform for its low latency and high definition quality. The Marlins deployed 10 Makito encoders so that fans could remain engaged in the game, no matter where they are in the ballpark. Each Makito encoder streams a live video feed directly from the field to the fans throughout Marlins Park on more than 700 flat-panel screens in private suites, concourses, clubs and on-site retail shops.

Result

The Miami Marlins can now show live video from several angles on the field, video from other games in progress, or any other type of dynamic audio and video content to entertain the crowd. With an incredibly low 55 millisecond encoding latency, highly efficient H.264 compression, and 1080p60 video quality, Makito encoders have proven to be ideal for IPTV and HD signage deployments demanding instant live action viewing.



Camera



Makito



IPTV System



Display