

# CASE STUDY

## VITEC MGW Ace Decoder hits the highlight reel with Vinco



Industry: Sports broadcasting



### AT A GLANCE

**CLIENT:** Vinco Sport Ltd.

**LOCATION:** Manchester

#### CHALLENGES

- From a high-quality incoming signal, needed to edit multi-track audio to record, edit and export quickly
- Required fixed latency for real-time distribution
- Cost-effective solution whilst preserving quality
- Much of their work is with grass roots events

#### SOLUTION

- VITEC MGW Ace Decoder



"The VITEC MGW Ace Decoder handled more formats than the other hardware decoder we tested, so we knew we could use it in more of our workflows. ... Zest Technologies supported us closely through the testing process to find out what worked for us. "

**Matthew Quine**  
Founder

**VINCO**



#### BACKGROUND

**Vinco Sport Ltd** is a Manchester-based live production specialist providing remote distribution services for a variety of track and field competitions, from grass roots athletics to international events.

When looking for a decoder to help them deliver broadcast-quality highlights to their clients at speed, they sought the expertise of **Zest Technologies** to help them find the best solution.



#### CHALLENGES

Vinco had been using Real Time Messaging Protocol (RTMP) streaming, with multiple tracks of audio pulled from its server, edited and sent out. Sometimes when uploading, the RTMP signal in the office would degrade. Also, if the commentator said something Vinco wanted to move or remove, there would be obvious jumps in the audio, reducing the overall quality. They needed to edit with multi-track audio, and the highest quality signal coming into them, so they could record, edit and export as quickly as possible. Vinco required fixed latency in order to be as close as possible to real-time distribution whilst ensuring the signal wouldn't drift, but would remain stable.

In its remote distribution work, Vinco receives a signal from a distributor, and then at its office they edit the video and audio on-the-fly based on their clients' requirements. With much of their work being with grass roots events, they wanted a cost-effective solution that also allowed them to maintain the best possible quality. Vinco approached Zest Technologies with the challenge to offer an improved solution.



#### SOLUTION

We sent Vinco the **VITEC MGW Ace Decoder** to test against other hardware and software decoder solutions. During testing, the content distributor couldn't send audio in AAC without re-encoding. Our Zest team found the problem was an incoming clocking issue from the provider, and was able to change the source and fix the problem.

After testing, Vinco chose VITEC's MGW Ace Decoder for both technical spec and price. It handled more formats than other decoders they tested, so they knew they could use it in more of their workflows.

#### RESULTS



The VITEC MGW Ace Decoder is decoding streams for multiple events, including a series of international events. The decoder is allowing Vinco to bring in more revenue on a repeat basis, all while providing a better-quality product.