

# EQUESTRIAN SPORT EVENTS MANAGEMENT PLATFORM

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We've been providing technology solutions for an industry-leading equestrian events management platform. The project comprises of a wide range of features, including an AI training tool (in progress), event management, online ticketing system, hotel reservation, IoT integration, and video management.





## PROJECT FEATURES

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### AI TRAINING TOOL

The work-in-progress includes jump, fault, and refusal detection, training the riders, and guiding riders for the winning round trip.

### EVENT TICKETING SYSTEM

Provides real-time attendee insights, secure payment gateways, access control and entry management, and integration with marketing tools.

### VIDEO MANAGEMENT

Integrates with the AWS ecosystem to encode, stream and clip high-quality videos and deliver them to multiple devices with the use of adaptive bitrate streaming.

### IoT INTEGRATION

Offers connection with Samsung SmartThings, Yale Smart Locks, IP TV controls, smart thermostats, lighting, and curtains control option.

### EVENT MANAGEMENT SYSTEM

Transforms events through comprehensive event scalability, customizable standings, career stats for players, schedule management, WordPress plugin design and customization.

### HOTEL RESERVATION SYSTEM

Key features include digital tape chart, multi-property support, online reservation, auto reset lock codes, keyless entry management, and ability to set room temperature.

### iOS APP

Supports all features of the web application, making it the top grossing app on the US iTunes Store for a season.

### AWS SERVICES

Ensures high availability and redundancy, scalability options, security, advanced analytics, website and discussion forum management.

# PROJECT STATS

## USER ENGAGEMENT



Users with logins  
**172.8K**

User login sessions  
**23.4M**

Unique user logins/day  
**2.5K**



Emails sent  
**3.3M**

SMS sent  
**826K**

## COMMUNICATION METRICS

## TRANSACTIONS



Number of credit cards  
**274.8K**

Credit card transactions  
**1.4M**

Credit card volume  
**\$762.1M**



Total video clips  
**2M**

Watched  
**8.5M**

Downloaded  
**80K**

## CONTENT CONSUMPTION

## CUSTOMER BASE



Number of show companies  
**107**

Number of shows  
**3000+**



Registered exhibitors  
**371K**

Registered horses  
**340K**

Number of horse shows  
**2,927**

## EVENT PARTICIPATION

## WEBSITE TRAFFIC



Average weekly page views  
**2.58M**

Unique visitors per week  
**18K**



Total reservable unit  
**2,042**

Rooms and lodges  
**329**

Camping spots  
**201**

## IoT AND RESERVATION SYSTEM

# TECHNOLOGIES USED

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## PAYMENTS

Support for 200+ payment gateways with Spreedly



## DATA LOOKUP APIS

EC, USEF, FEI, USHJA, NORCAL, TIN Lookup, NEXT FORMS



## COMMUNICATION

Pusher, SendGrid, Twilio



## AWS

RDS, Redis, Memcache, EC2, Lambda, S3, MediaLive, Media-Convert, MediaStore, CloudFront, Route53, WAF



## AUTH

Permit.io



## DEVELOPMENT STACK

ReactJS, Node-RED, NestJS, ExpressJS, AngularJS, Symfony, MySQL

# OUR OFFICES

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