



NAVIGATING THE CODE
OF EQUESTRIAN EVENTS

A PROJECT BY
JIN TECHNOLOGIES

An Equine Symphony

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— PHOTO BY VIVIAN ARCIDIACONO*

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— PHOTO BY JACOB JOLIBOIS



our bio



Jin Technologies Private Limited is a Pakistani company that specialises in web application development and software development services. With over 30 years of experience, we have successfully developed and delivered *exceptional* applications & software services to a variety of clients worldwide. Since 1991, we have been working with clients across three continents as a software development outsourcing partner. Keeping ourselves up-to-date, we proactively gain insights into leading and emerging technologies to meet the ever-growing needs of our clients.

Our team of highly-skilled and experienced professionals, possessing business domain knowledge & technology competence, are dedicated to solving problems at any scale. Additionally, our team strives to always give sincere advice to benefit our vast clientele. Our company's mission statement is to be a sincere partner in navigating business challenges and providing scalable, efficient, and bespoke software solutions to our clients.



— PHOTO BY KARIN ZABRET*



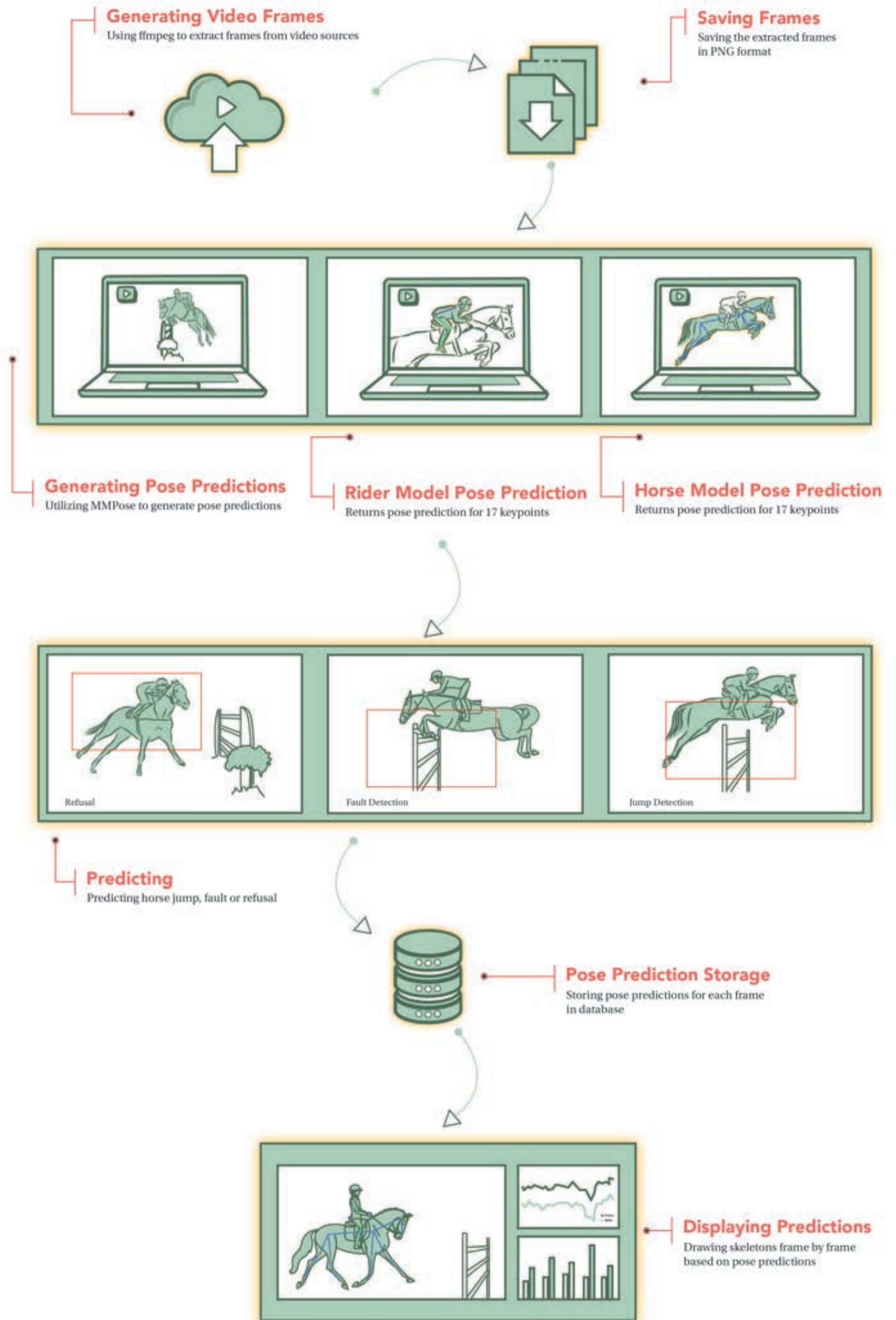
AI-BASED TRAINING TOOL



ai trainer

*meet our
trainer*

Our AI-based training tool deciphers the movement of horses, bringing a new dimension to rider training. The tool takes input from *thousands* of horse videos from various competitions; capturing horse movement, posture, and jump faults.





— PHOTO BY ALFONSO DE THOMAS

unveiling the secrets of victory

the winning round trip

The advanced AI tool captures information from multiple cameras, recording bio-mechanics data and transforming it into useful insights for the riders. The tool doesn't *only* observe — it goes a step further and becomes a mentor in the arena. It identifies jump faults with precision, allowing riders to rectify and improve their performance for future events. Using thorough analysis of the data, our AI tool then dissects the performance of winners and losers, unveiling the secrets of victory. Every gallop it captures lays the foundation for comprehensive analysis, which guides riders on their path to success.



— PHOTO BY ALEX GLEBOV*

EVENT MANAGEMENT SYSTEM

Our advanced event management system transforms events into seamless and unforgettable experiences. In this section, we will look into the system's many features.

events

comprehensive event scalability

Our system has the ability to handle events of *all* magnitudes. From small equestrian events to international conventions, the system is designed to allow information flow and transactions securely. Real-time event updates from the relevant people and organisations are maintained effectively.

RTO registration & management

The event management system streamlines the registration process for RTOs: Riders, Trainers & Owners. Anything, from individual profiles to comprehensive records, is simplified for all participants.

payment integration

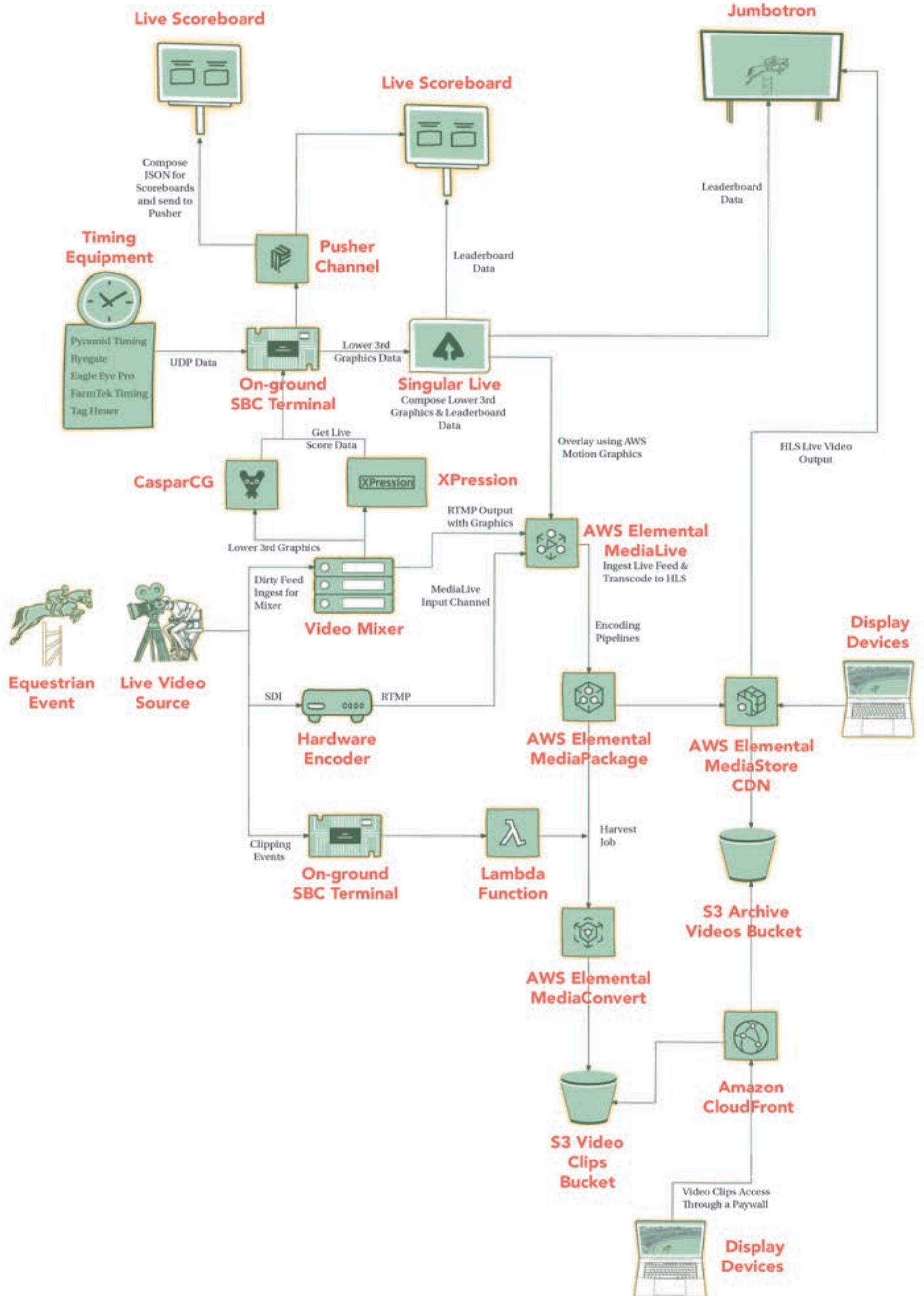
In this digital age, our system allows secure payment integration. The system connects with payment integration tools to ensure efficient transaction experiences, adding a layer of ease to event management.

real-time updates

Dynamic real-time updates help save time and plan events in an effective manner. Whether adapting to last-minute changes or managing live schedules, the system keeps organizers and participants in sync with the latest updates.

data integration with renowned organisations

Our event management system provides integration with various data sources and renowned organizations. Information updated by the organizations gets automatically updated in our system as well. This feature allows data to be processed and updated easily.



Wordpress customisation

Our system is integrated with Wordpress so updates can be shared on the website as soon as they are received. We have designed a special Wordpress plugin to enhance the functionality of the website. Designed to be versatile, it is compatible with any CMS platform, including static HTML pages.

live scoreboard

With the help of the live scoreboard feature, we can control both HTML and non-HTML displays, ensuring that every participant enjoys real-time updates.

motion graphics and video overlays

The system integrates with motion graphics and video overlays, allowing event organisers to enhance the visuals. The video overlay feature can showcase logos, event schedules, and live scores for the attendees. With flexible customisation controls, our client can take their events to the next level.



— PHOTO BY ANTHONY DELANOIX



EVENT TICKETING SYSTEM

— STOCK PHOTO*

Our event ticketing system offers a unique experience to the attendees, creating *real-time* insights to enhance the attendee experience and streamline organizational efforts. The stage is set, the curtain rises - let the event begin.

Adding a layer of flexibility, the system incorporates dynamic pricing and discounts. Organizers can tailor ticket prices based on demand, early-bird discounts, or exclusive promotions. This helps them maximize attendance while optimising the revenue streams.

For creating an *effortless* entry experience, our system uses advanced access control features. From QR code scanning to RFID, we enhance event security and attendee experience. Our system integrates with the latest tools, and makes sure all the data is up-to-date for the organizers to manage effectively.

ticketing



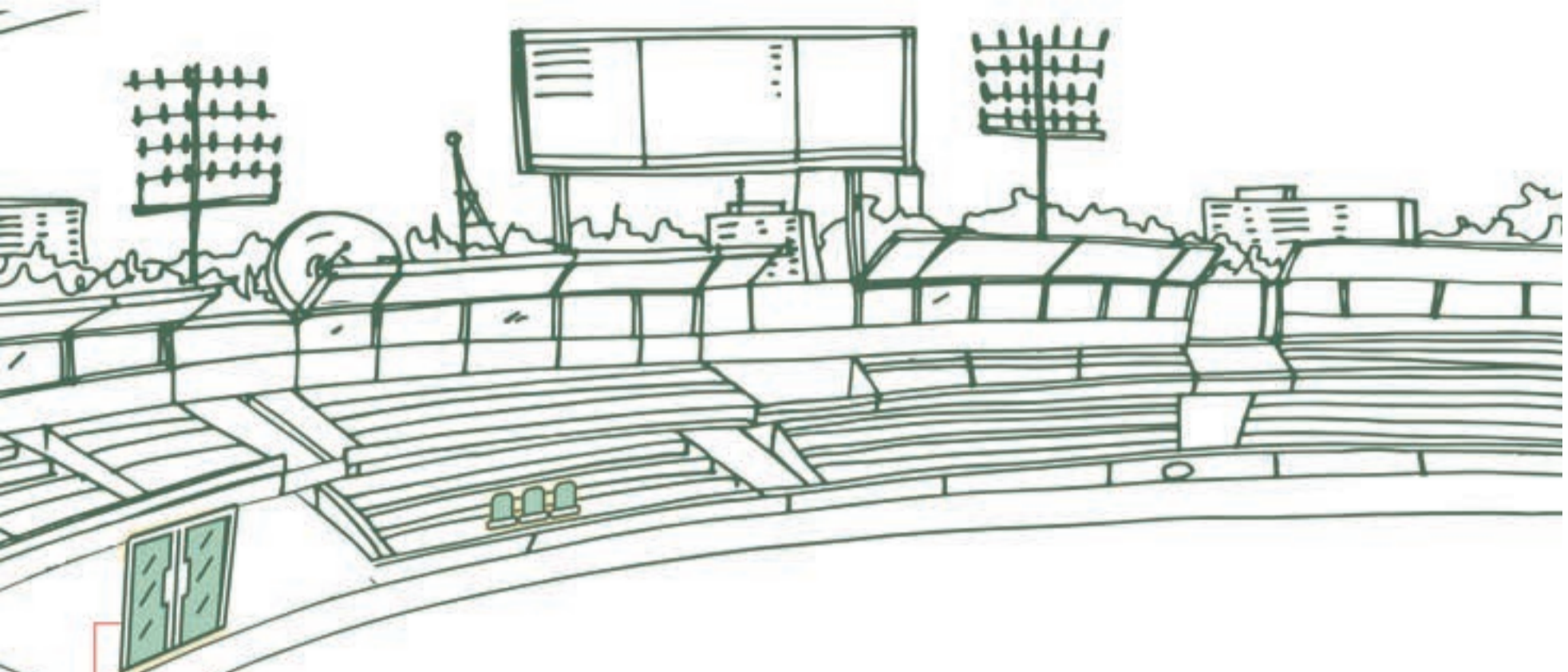
The ticketing system integrates secure gateways, ensuring that financial transactions are safeguarded. Attendees can purchase tickets with ease, and organizers can ensure that the sensitive information is handled with utmost care.

The system also integrates with marketing and CRM tools to give attendees an option to purchase the tickets online. Attendees can receive targeted promotion and visual representation of available seats, cultivating lasting relationships.

The attendees are the heartbeat of any event. Our system provides real-time insights into attendee management, and seating preferences. Attendees can preview and select their seats in real-time. The updates can be accessed by organizers so they have a fair idea of seating arrangements, allowing them to make the event successful.

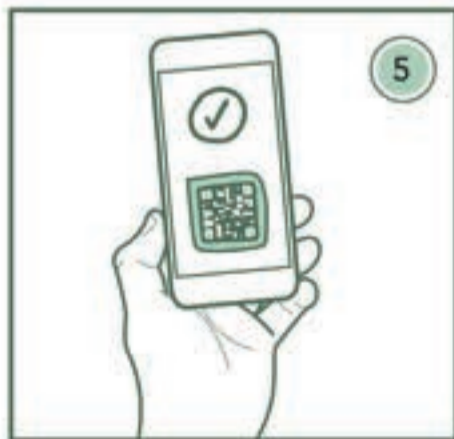
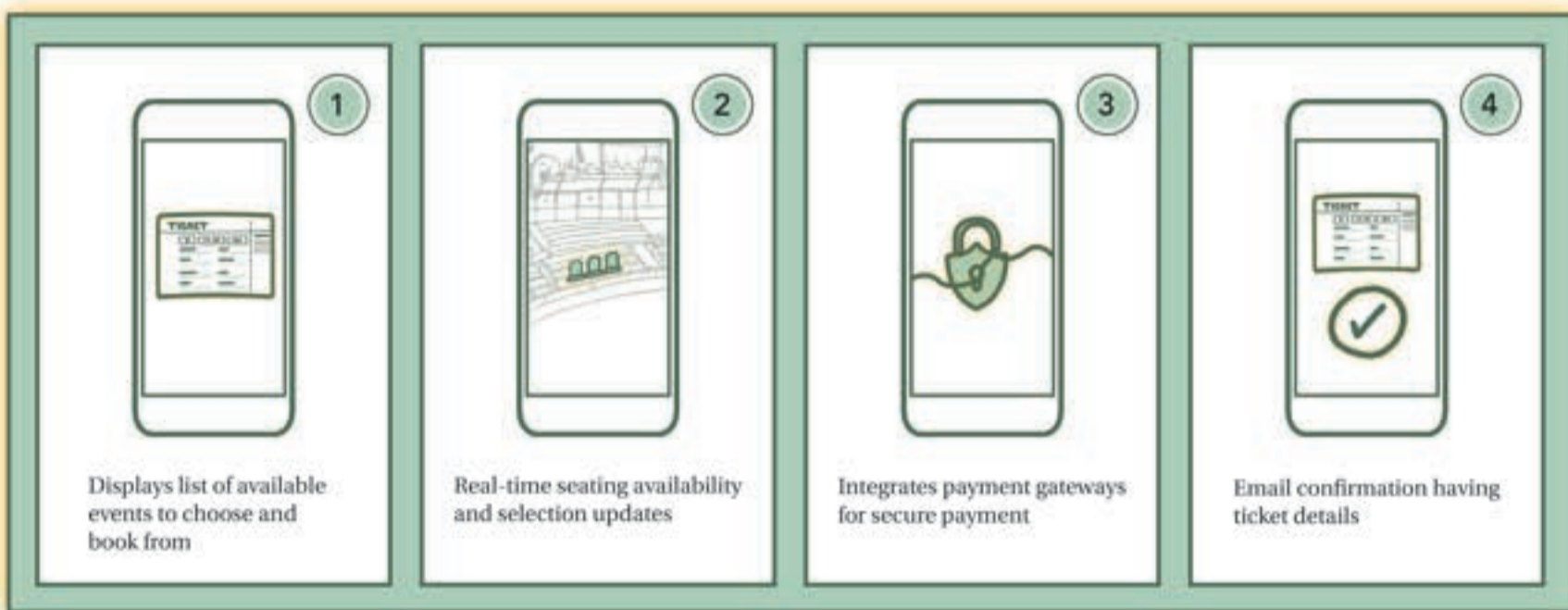
*the stage is set, the curtain rises
— let the event begin*





Event Management System

Online booking and real-time attendee insights



Entry Control and Management

Validates the ticket and marks attendees as checked-in



Customer Support

Provides assistance with ticketing issues or inquiries



Analytics and Reporting

Highlights key metrics related to event and attendees



HOTEL RESERVATION SYSTEM

— PHOTO BY SARAN POROONG*

transcend traditional booking processes

The hotel reservation system is a whole different software integrated within the equestrian project to *transcend* traditional booking processes — and provide a unique accommodation experience for the event attendees and clients alike. In this section, we will explore modules that the hotel reservation system has to offer.



bookings

room & package pricing

The hotel reservation system provides dynamic pricing options for organisers and clients. This allows them to tailor room rates based on demand and specific event packages. Clients can choose options that suit their preference and budget, thus creating a personalised stay experience.

multi-property support

The system provides versatility of multi-property support enabling the organizers to create combinations of hotels, resorts, and lodges. This ensures that the clients can choose accommodations that suit their preferences and needs.

integration with Google maps

Navigating the city becomes a breeze with Google Maps. Our integration with Google Maps makes direction and distance computation easy. Clients can plan their routes, assess distance, and make informed decisions based on location and convenience.

digital tape chart

Visualising room availability becomes easy with digital tape charts. Organisers and clients can easily navigate through the chart and ensure real-time updates on room availability.

reservation and cancellation

Reserving a hotel room is very easy with the hotel reservation system. Hotel management and organisers can confirm reservations, book a room, and update cancellations on-the-go. This system is integrated with other hotels and lodges, making room availability and logistics for any size of event easily accessible.



— PHOTO BY DRAGON IMAGES

check-in and check-out

Our hotel reservation system allows for easy check-in and checkout processes with just a few clicks. It gives the option to reserve a hotel room at the time convenient for the clients before, avoiding long queues and the wastage of valuable time for the clients.

key cards and smart locks

Embracing the era of smart technology, our system integrates with key cards and smart locks. Clients can experience a convenient and secure check-in process with modern technology.

smart lights and fire alarms

Our modern hotel reservation system integrates with smart lights and fire alarms to enhance the security of clients. Smart lights conserve energy and reduce the cost of electricity. Fire alarms ensure the security and safety of the hotels and clients.

set temperature via smartphone

Wouldn't it be best if clients could set room temperature right from their phones? Our system allows this feature to set-up and control heat/cool temperature with a few taps.

auto-reset codes and temperature

As soon as the clients check out, our system resets the lock codes and temperature — enhancing security and reducing manual effort of hotel staff.

room assignment & categorisation

From luxury suites to cozy cabins, our system allows clients to pick each room with proper categorisation. Clients can enjoy a personalised experience with room assignment and categorisation features to suit their needs and mood.

keyless entry management

Experience hassle-free access to your room with keyless entry. This feature allows hotel management to benefit from enhanced access control capabilities.

maintenance tracking & management

Our hotel reservation system includes maintenance tracking and management, ensuring that all accommodations are in top-notch condition. Clients enjoy a comfortable stay with up-to-date rooms and facilities. Hotel management addresses maintenance issues proactively, thus saving time and money on property upkeep.

POS system for supplies

A seamless PoS (Point of Sales) system ensures that all supplies are readily available. Clients can use essentials as needed conveniently, enhancing the overall stay experience.

inventory management

An efficient inventory-management system keeps supplies well-stocked. The system provides hotel management with real-time insights into consumables, preventing shortages and ensuring smooth operations.

automated billing & invoicing

Our system provides automated billing and invoicing to streamline financial transactions. Clients receive accurate invoices, and hotel management benefits from a streamlined financial process.

management reporting for occupancy & revenue

Hotel staff gain valuable insights with management reporting functionalities. From data on occupancy rates to revenue streams, these reports empower management to make informed decisions.

staff access control

Security is of utmost priority, and our system ensures that hotel staff access is controlled based on roles. Each team member has access to relevant functionality, enhancing operational efficiency.

integration with Wordpress

The hotel reservation system integrates with Wordpress to create a user-friendly front-end UI. Clients navigate through a well-designed interface for a great booking experience.

searchable options with amenities

Organised and user-centric, our system displays searchable room options with detailed amenities information. Clients can find accommodations that align with their preferences easily.

image galleries

Visuals are indispensable, and our hotel reservation system incorporates image galleries for all accommodation options. Clients can preview their selected room, enhancing their confidence and ensuring an accurate reservation.

information about each room type

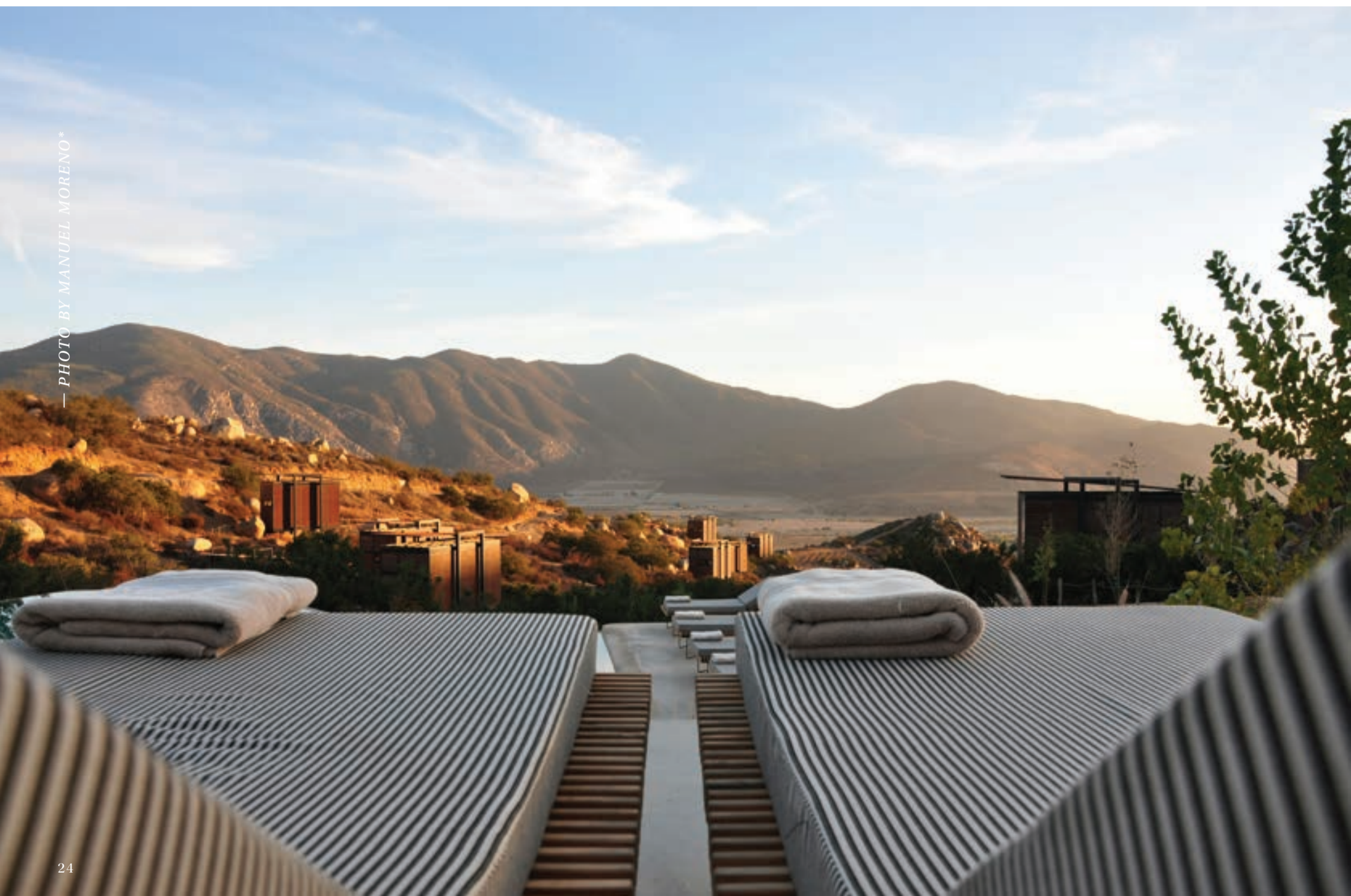
Clients can access comprehensive details about each room type, allowing them to make an informed decision about their potential reservation. From room dimensions to available amenities, the system provides up-to-date information.

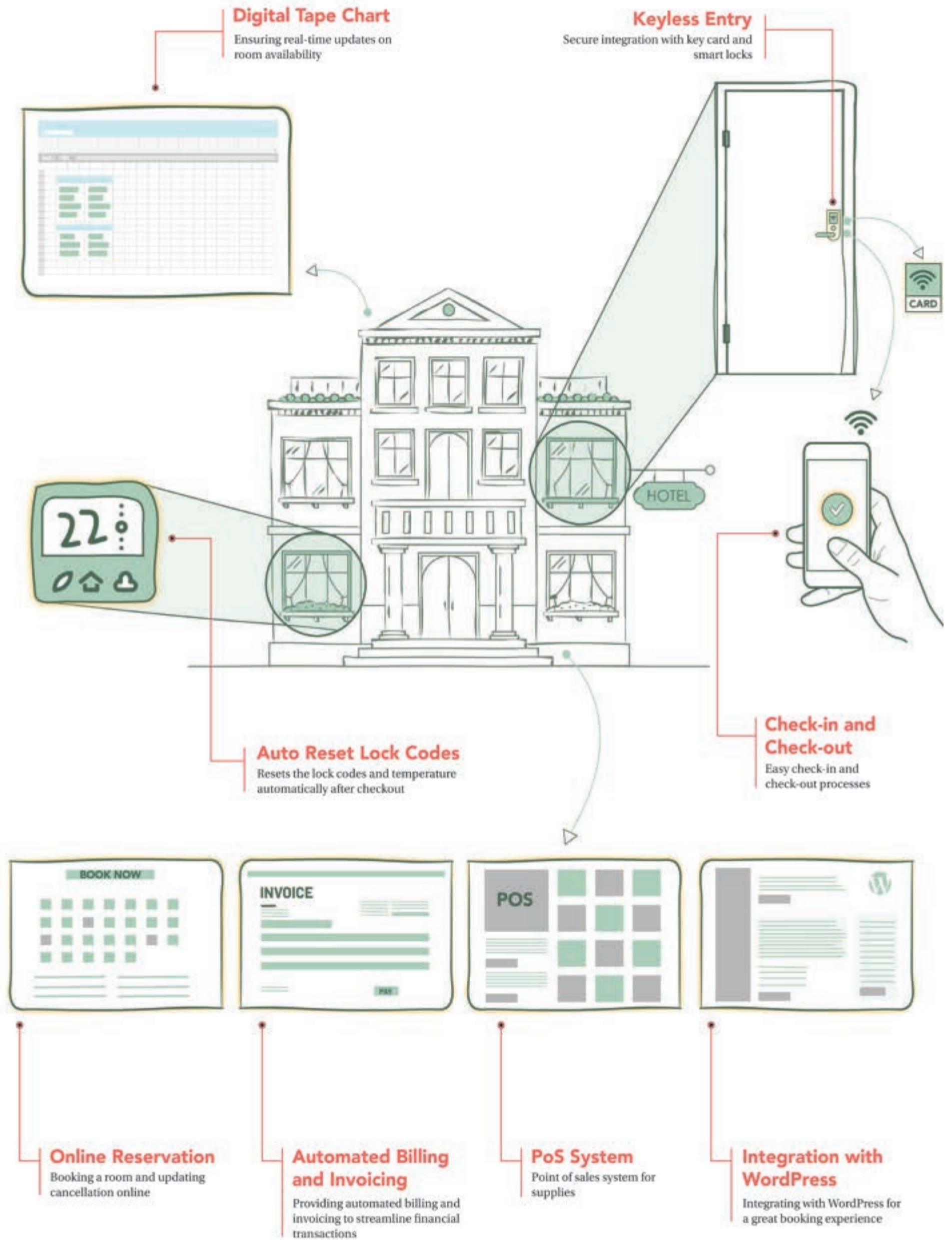
availability calendar

Real-time updates on room availability are delivered through an availability calendar. Clients can plan their stay with confidence, knowing that they have access to the latest information.

online check-in & check-out

Our hotel reservation system provides convenience with online check-in and check-out functionalities. Clients can complete these processes online, reducing time and ensuring a swift arrival and departure.







— PHOTO BY JOHN CAMERON

handicap accessibility

We prioritise inclusivity for all kinds of guests. Our system features handicap accessibility options. Clients with specific needs can identify accommodation options easily to suit their needs.

room service requests

Enhancing the overall stay experience, our guests can make room service requests online. From additional amenities to special requests, the system makes sure that the requests are completed in a timely manner.

social media integration

In the era of social media, our system integrates with all major social media platforms. Clients can reserve a room through these platforms, and share their reservations/experiences.

rating system

Reviews and ratings can play a major role in the hospitality industry. Clients can review and rate their stay, helping the hotel management to keep a quality check on staff. Future clients can also make an informed decision before making a reservation.

secure payments, cancellations, & refunds

Our system makes sure that all financial transactions are completely safe and secure. Whether making a payment or refunds upon cancellation, every transaction is processed seamlessly.



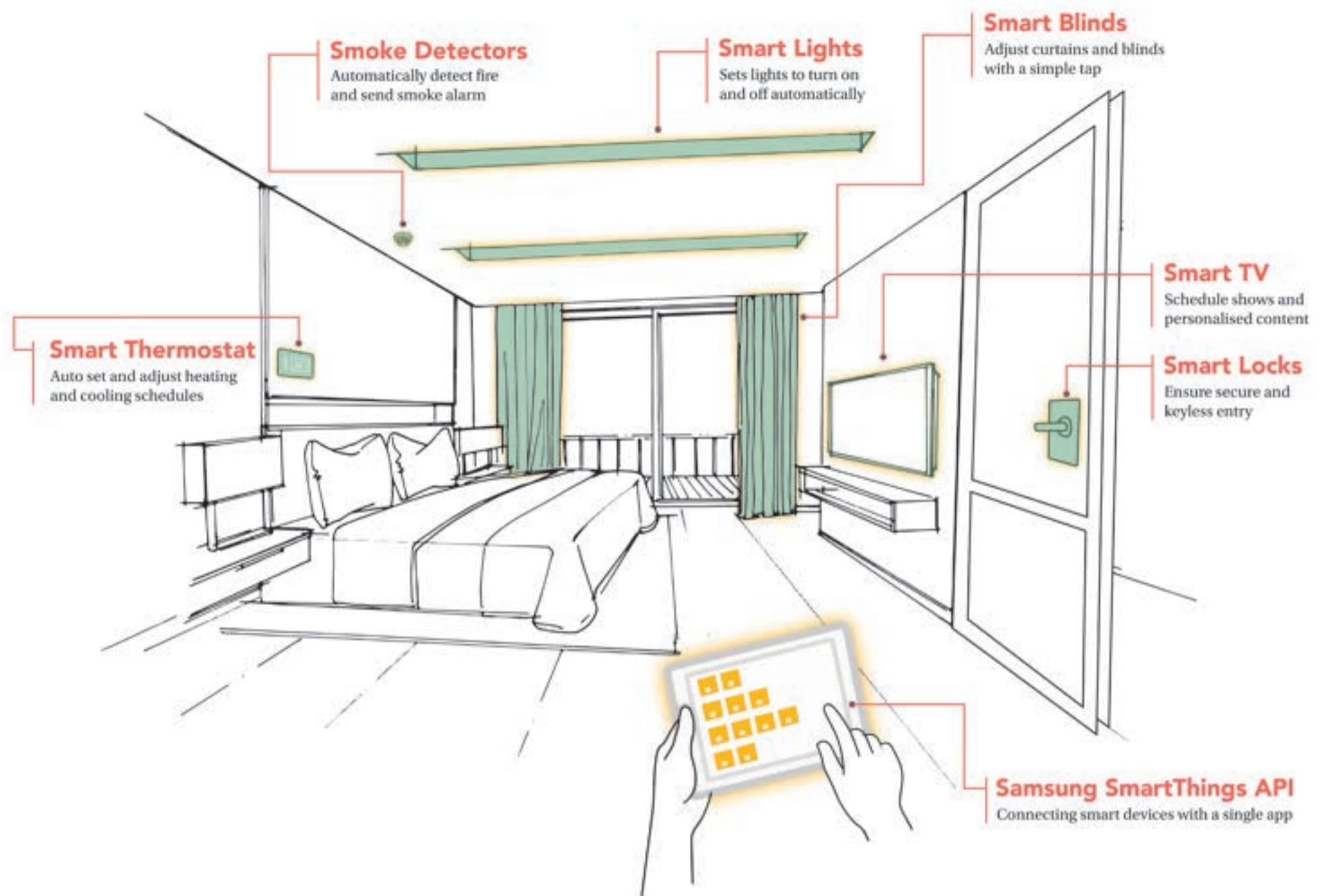
— PHOTO BY MAX RUHUBOVSKIY*

THE IOT INTEGRATION

the Internet of Things is a technology that allows us to add a device to an inert object that measures environmental parameters, generates associated data and transmits said data through a communications network.



We worked on elevating in-room experiences for our client and their guests using IoT. Our client requested integration of IoT with the hotel reservation system. Keeping in mind the needs of the hospitality industry, our team designed convenient in-room experiences, where smart technologies converged to create a stay environment tailored for each individual.



smart locks

Our integration with smart locks ensures a secure and key-less entry, providing clients with a modern and convenient access solution. Lock codes can be automatically assigned and communicated to guests once reservation is confirmed. They are automatically cleared once the guests checkout.

in-room IP TV

The guests have the power to control the content displayed on their in-room IP TV directly through a centralised dashboard. This feature enables clients to enjoy videos of horses they own or have ridden, creating a truly personalised experience.

smart thermostats

With IoT integration, we ensure that the guests enjoy comfort and optimum convenience. Guests have full control over room ambiance with automatically-set heat/cool settings. Room temperature can be controlled close to arrival time to enhance comfort.



— PHOTO BY ETIENNE GIRARDET

smart lighting and curtains

Smart lighting and automatic curtains allows guests to control the room lighting. This auto-detection feature allows hotel management to turn off unoccupied room lights, thus increasing energy efficiency. The feature runs periodic battery reporting of all devices and turns off lights in the corridors during day time.

smart TVs

Entertainment reaches new heights with smart TVs integrated into the system. The guests can enjoy personalised content experiences during their stay. They can schedule their chosen favourite shows and customise playlists from stream archives.

assa abloy smart cards

Security is very important and the integration of smart cards ensures robust access control for clients and hotel staff alike.

visionline

The Visionline integration adds depth to access management, ensuring a secure and flexible experience for guests.



— PHOTO BY ISTOK*

AWS FOR PROJECTS

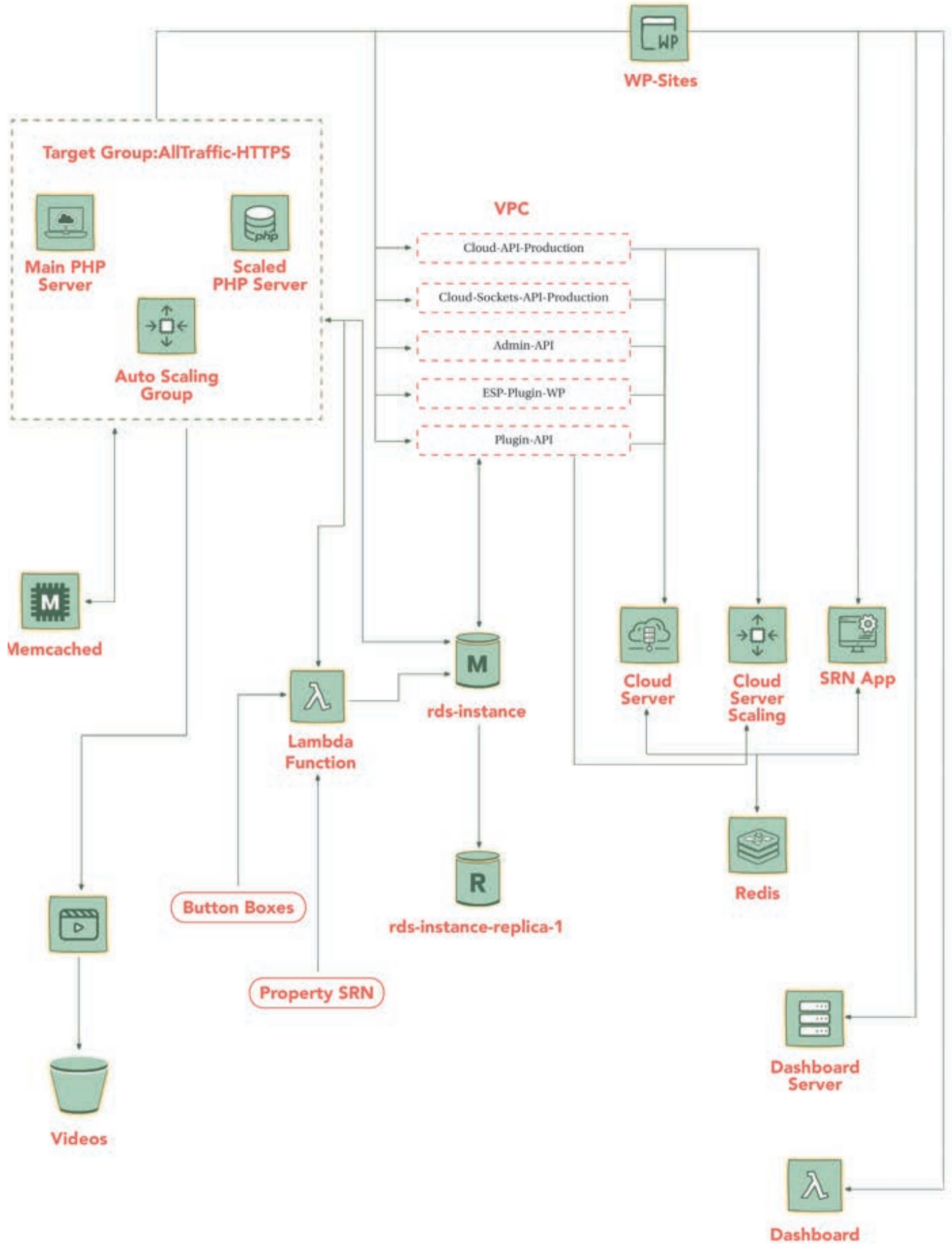
the cloud

Amazon Web Services {AWS} offers reliable, scalable, and inexpensive cloud computing services.



— PHOTO BY ATIF DAR







— PHOTO BY VICTOR GRABARCZYK

With *Amazon Web Services* (AWS) as the anchor, we navigate through advanced features and capabilities, ensuring enhanced efficiency and scalability. The system ensures high availability and redundancy, providing uninterrupted access to resources. With AWS, scalability becomes easier than ever. The system scales up or down in response to fluctuating demands and events, optimising resource utilization and enhancing performance.

AWS has a global network of data centers, which makes it easier for our client to cater to users worldwide. Additionally, AWS advanced analytics services empowers our team to derive insights from project data and make continuous improvement initiatives.

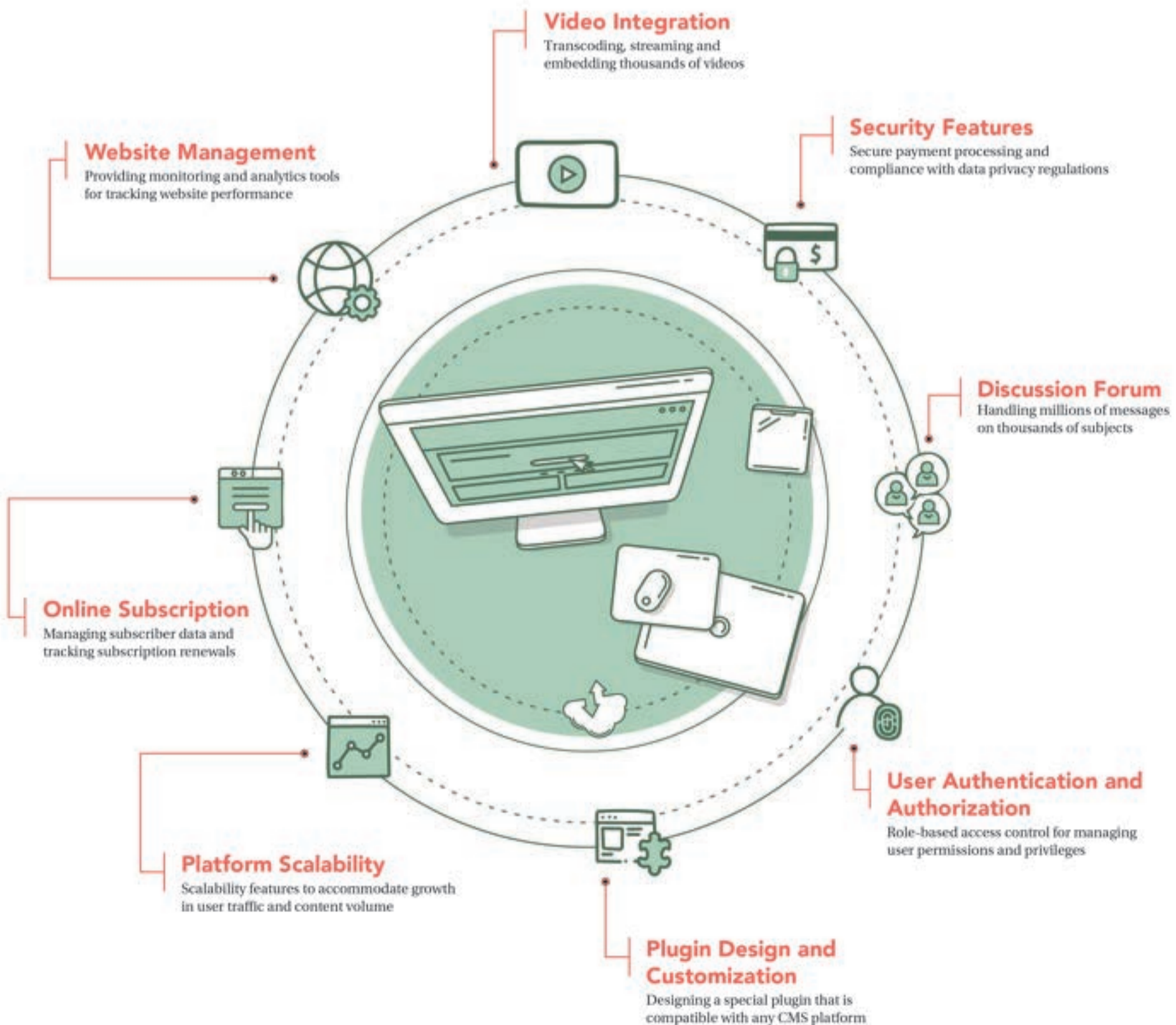


— PHOTO BY VLADMIR KORETIC*

WEBSITE AND FORUM MANAGEMENT

*website & online
forum management*

Managing a website and online forum that gathers millions of views was a challenge for our client. With thorough discussion and meetings, we decided to use Wordpress as a CMS to manage online presence and digital communities. We have integrated *millions* of videos into our website, enhancing user experience with compelling visuals and engaging stories. Our discussion forum hosts data from millions of messages on thousands of topics, providing a platform for equestrian enthusiasts to connect and share useful insights — with an average of around *two million* views per month. In addition to online presence, the client offers print magazine subscriptions, catering to readers who prefer a tangible reading experience in addition to online engagement.





— PHOTO BY JOSHUA HANSON*

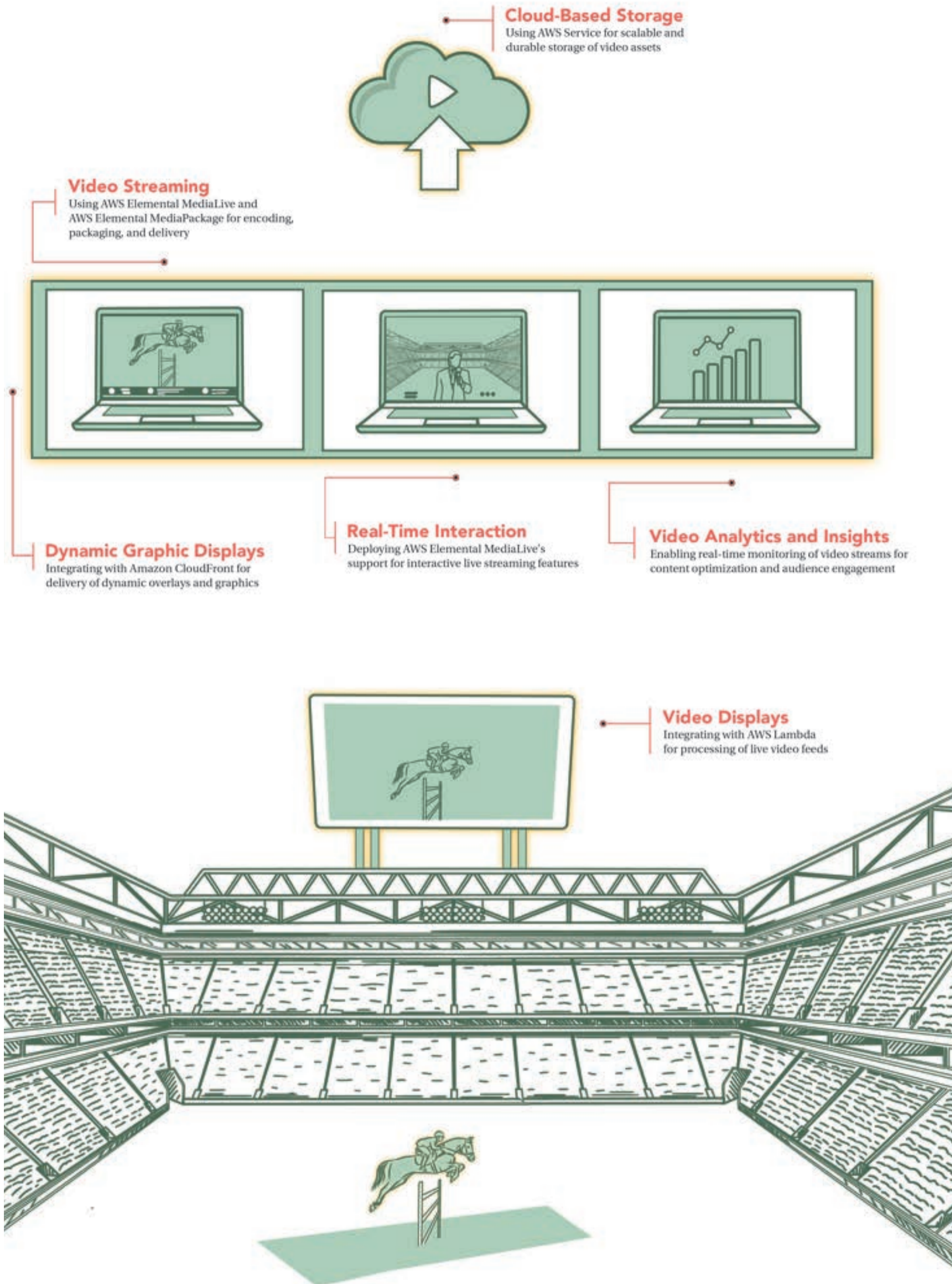
VIDEO MANAGEMENT

videos

*managing thousands
of videos in real-time*

*video
management*

Our in-house team doesn't *just* manage the videos, but they also have the expertise to upscale, downscale, remove redundant data, and stream multiple videos on multiple servers. With the help of AWS, we offer on-demand video streaming services. Our client, being an industry-leading equestrian platform, has the demand to manage *thousands* of videos when the events are supposed to go live; we have the capacity to upscale or downscale the servers as per demand. Live video streaming brings the show directly to the audience, and our video management platform ensures crystal-clear live visuals. Adding a layer of dynamic graphic displays enhance the visual experience. The audience is able to get live updates overlaid on the video, providing valuable information and insights during the event. Our platform keeps the audience engaged with live video text and updated. It has the capacity to display scores, event updates, or participant information. This feature adds an informative element to the platform.



Going beyond the live updates, our platform also provides valuable insights. From viewer engagement to popular content, organizers can understand the analytics, enabling them to make informed decisions. Adapting to the diverse landscape, our video management solution is compatible with *multiple* platforms. Audiences can enjoy videos on various devices, ensuring compatibility and convenience. Creating a dynamic viewing experience, the platform includes real-time interaction features. Audiences can engage with the content, provide feedback, and participate as the events unfold. Furthermore, addressing our client's needs for scalability and accessibility, the event videos are stored on AWS, a cloud-based platform. This ensures that videos are securely stored and easily accessible whenever required.

*video
insights*





JUMBOTRON MANAGEMENT

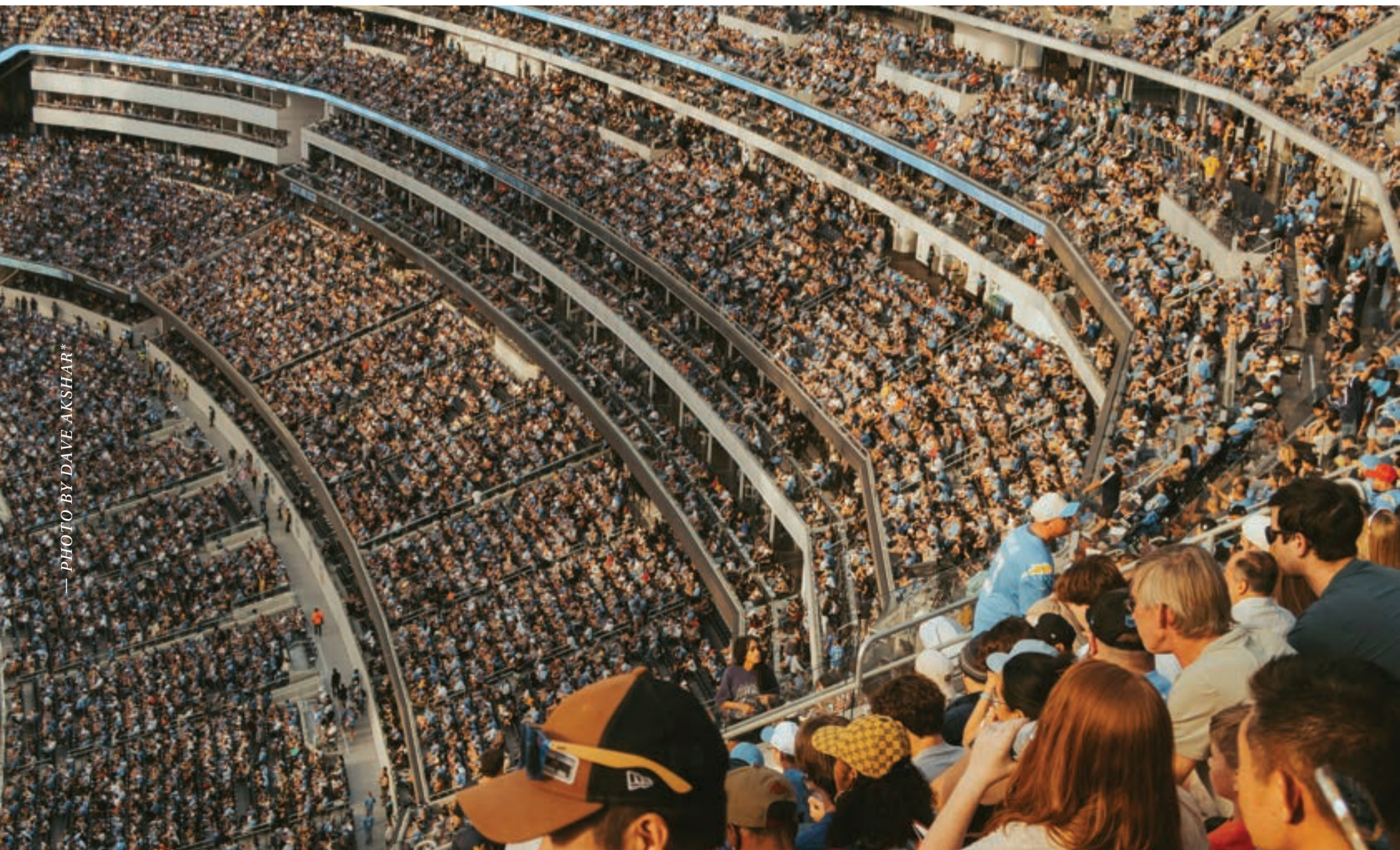


— PHOTO BY JANNARONG*

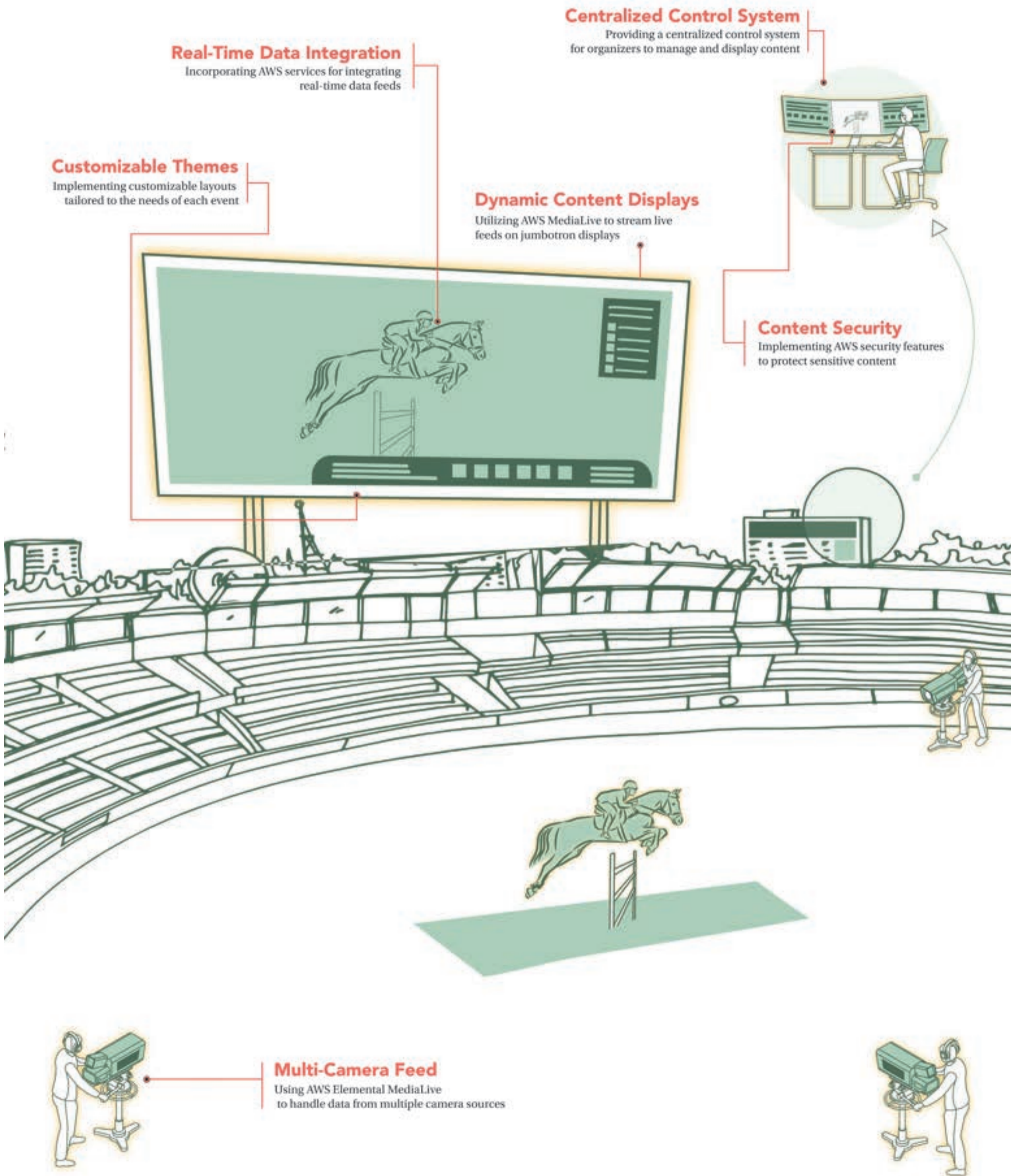
Our team has managed massive events, catering to large audiences with the help of our jumbotron screen management. The audience enjoys live information and views key marketing messages from any seat in the venue.

*every spectator,
every moment*

the screen



— PHOTO BY DAVE AKSHAR*





— PHOTO BY JIMMY CONOVER

*professional
management for
the largest screens*

Our jumbotron management displays visuals in an efficient manner, ensuring that *every* spectator enjoys the details, no matter where they are seated. High-quality visuals are captured through professional cameras and displayed meticulously with the help of software integrations; we can elevate every second using dynamic content integration within our software.

From live feeds to pre-recorded segments, each moment is captured and displayed. Adding a layer of interactivity, real-time graphic overlays present information, scores, and dynamic visuals to the audience directly. Second-by-second updates are captured and displayed with the help of our software.

Ensuring no detail goes missed, our software can handle data captured from multiple cameras. Every angle of the event can be presented on the jumbotron, providing a comprehensive view for the audience. The software offers customisable layouts and themes, tailored to the needs of each event. Our team matches the jumbotron visuals to the event's branding, ensuring brand consistency.

The software makes sure that transition between content is done in a smooth manner, and automated transitions provide a visually stunning experience to the audience. In order to simplify the complexity of jumbotron management, our software provides a centralised control system. Event organizers have real-time access to content updates, ensuring an impactful presentation.



APP FOR iOS USERS



— PHOTO BY MART PRODUCTIONS*

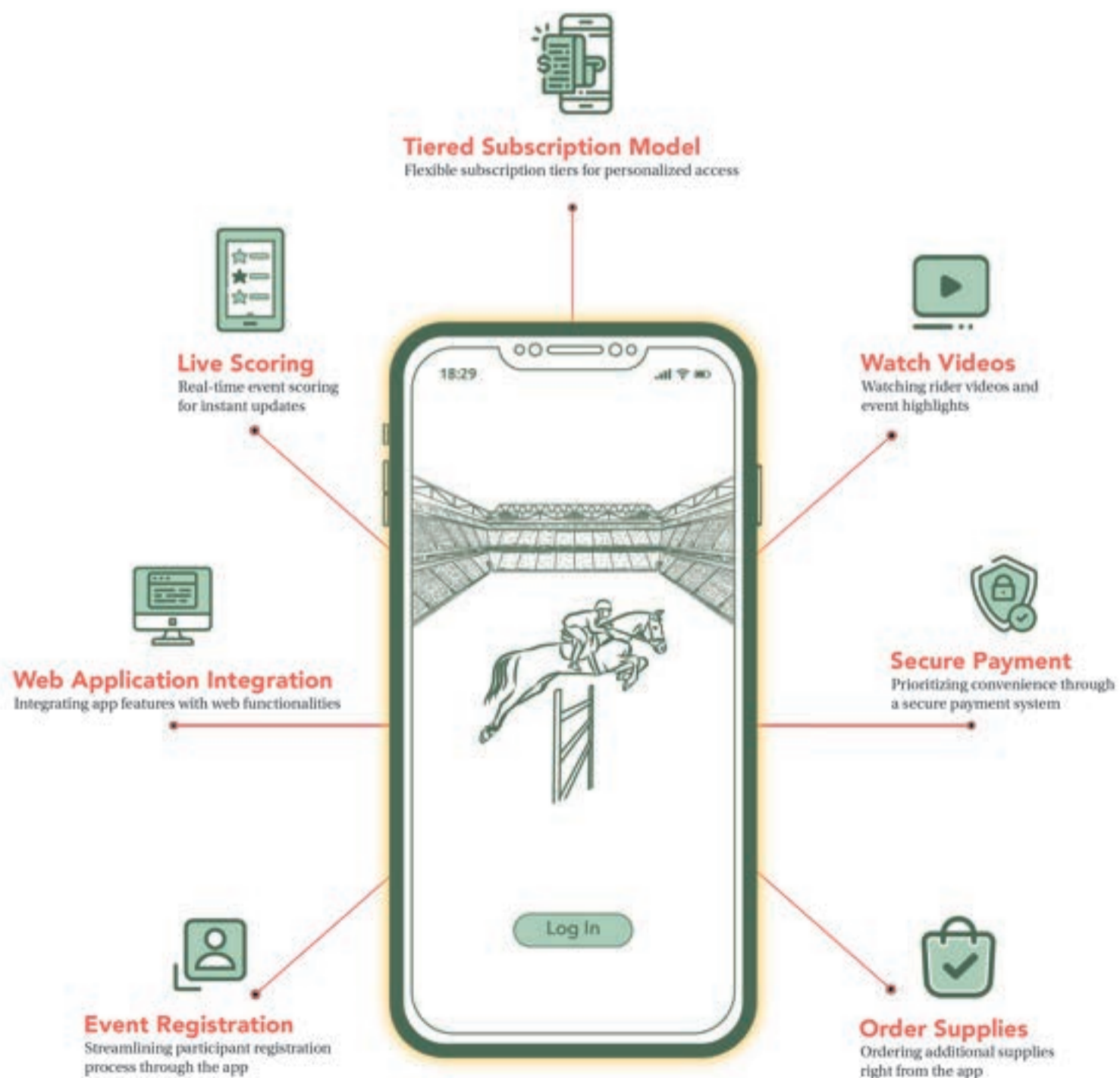
ios app

Apps have become an integral part of our lives and naturally, our client wanted to showcase their events via an iOS app. Responding to this need, our team captured the interest of equestrian enthusiasts nationwide and developed a successful mobile app that supported all features of the web application.

*our top-grossing app
on the iTunes US store*

Our iOS app offered an intuitive user experience, making sure that navigation through the interface was easy for users of all levels. This detail became the primary reason for our app to top the US iTunes Store for a single season. Bringing the thrill of competition to users on-the-go, the app provided live scoring of events. Users could stay updated on the latest standings and event results. Keeping in mind the diverse needs of our client, the app featured a *multiple-tier* subscription model. It offered a range of plans with varying levels of access and features to suit every user. In addition to the audience, our app empowered riders, trainers, and owners — allowing them to view their events and performances. It provided a personalised experience that catered to their needs. The app featured an option to track the progress of their favourite riders and horses, too.

Our iOS app integrated with the web application, allowing access to real-time updates across multiple platforms. Users could access all features and functionality of the web application through the app. From online registration to participation, the app covered all the features that were needed to register a participant or sign up a rider. It provided all the information they needed to make the most of their equestrian experience. Users could also conveniently enter classes and participate in events *directly* from the app. The app ensured that everything needed for the event was just a few taps away from the participants. They could order additional supplies right from the screen. Security and convenience were prioritised by offering users a secure payment process, and digital signatures were integrated into the settings for seamless transactions. From rider videos to event highlights, the users could watch videos on-the-go, providing entertainment at their fingertips. For riders and horse owners, they had access to event reports and analytics within the app. This allowed them to gain valuable insights into their performance.



An Equine Symphony — Navigating the Code of Equestrian Events by Jin Technologies

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First edition: February 2024

Second edition: April 2024

www.jintech.com

Printed in Pakistan

Content, illustrations, & design team

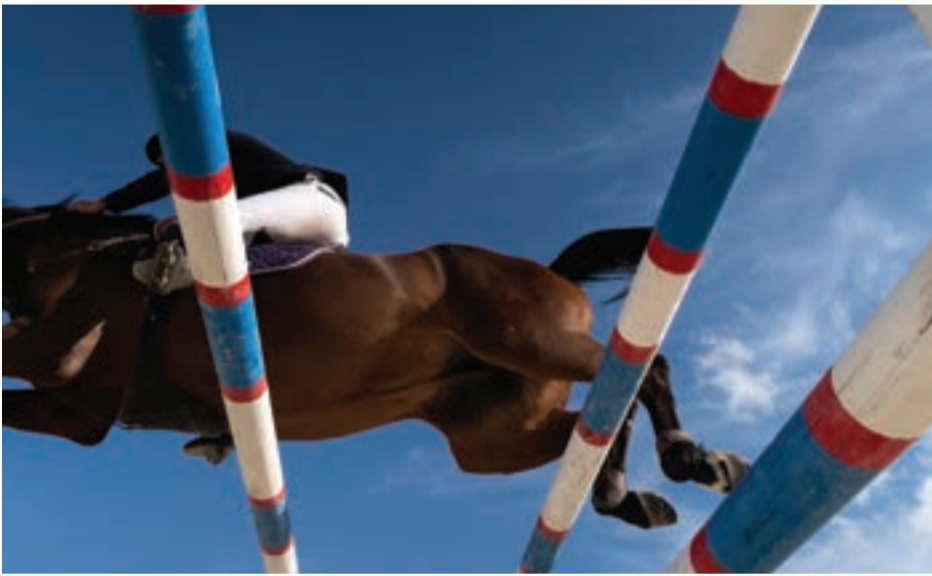
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