



DIGITAL ENGINEERING

HELPING ORGANIZATIONS MODERNIZE ECOSYSTEMS AND
DELIVER MEASURABLE BUSINESS OUTCOMES.

WHO WE ARE

Technology-first engineering partner reinventing digital banking today for the financial institutions of tomorrow.

We believe the future belongs to organizations that continuously evolve through technology.

By combining engineering excellence, deep industry expertise, and agile delivery, ddroidd builds digital products, modernizes platforms, and scales technology for the next generation of banking.

ddroidd

2,000+

experienced
professionals
in our trusted
network

150+

experienced
professionals
in ddroidd

87.3%

senior talent
accelerated
by AI

\$10 MIL

annual
turnover

WHY ORGANIZATIONS CHOOSE US TO BUILD THE FUTURE OF THEIR ORGANIZATIONS

We believe that modern banking is no longer about branches and legacy systems. It's about speed, adaptability, and continuous digital evolution

Our collaboration will be defined by:

- Speed, scalability, and banking expertise
- Engineering excellence at scale
- Cross Industry Experience
- Agile by design
- Committed to long-term value co-creation in partnership with the banking and fintech organizations.





HOW CAN WE HELP YOU



DEFINE — Align technology initiatives with business priorities



DESIGN — Create customer-centric journeys and scalable experiences



BUILD — Deliver modern applications, platforms and integrations



SCALE — Optimize and continuously evolve ecosystems

WHAT WE OFFER



AI Capability Audit



**Product Discovery
and Design**



Prototype



Product Development



Continuous Innovation



Secure. Scalable. Future-ready

AI CAPABILITY AUDIT

ASSESS READINESS. IDENTIFY OPPORTUNITIES. PRIORITIZE VALUE

We help you evaluate where AI can create measurable business value and define a practical adoption roadmap.



OUR OFFER

- We assess current data, processes, tools and AI readiness
- We identify high-value AI opportunities and automation candidates
- We prioritize initiatives based on feasibility, impact and risk



OUR OUTCOME

- AI readiness assessment
- Prioritized AI opportunity backlog
- High-level roadmap and implementation recommendations
- Governance, risk and adoption considerations



OUR TEAM

- Governance, risk and adoption considerations
- Solution Architect
- Data / AI Engineer
- Business Analyst



OUR JOINT EFFORT

- Capability assessment to evaluate data, tools, processes and people readiness
- Discovery interviews to understand business priorities and current workflows
- Executive readout to align stakeholders on recommended next steps

Clear AI priorities



Reduced AI adoption risk



Actionable roadmap



Faster path to value



AI initiatives aligned with real business outcomes.

PRODUCT DISCOVERY AND DESIGN

FROM IDEA TO IMPACT. DESIGNED FOR SUCCESS.

We partner with you to define, design, and validate products that create real business value.



OUR OFFER

We collaborate to define:

- Clear acceptance criteria
- Precise budget estimates (+/-4% deviation)
- Delivery roadmap
- We design together a fit-for-purpose tailored delivery approach



OUR OUTCOME

We deliver a clear product architecture, detailed work-breakdown-structure, and delivery KPI

- Product Scope Definition Document (Business Requirements Document)
- Product Charter
- Product Execution Management Plan or Project Management Plan
- Risk Management and Contingency Strategy
- Technical Blueprint and Product Detailed Architecture
- UX/UI Design



OUR TEAM

- Senior PM – that bringing 7+ years of expertise in application modernization
- Senior Solution Architect with 10+ years of experience digital transformation programs
- UX/UI Designer with 10+ years of experience digital transformation programs



OUR JOINT EFFORT

- 5-day discovery workshop to define the Scope Decomposition, Product Design and Roadmap
- 10 days to transform insights into actionable, high-impact deliverables
- 2 tailored presentations to ensure deliverables acceptance: sponsor-level and executive-level



User-centered outcomes



Reduced risk and uncertainty



Clear plan for execution



Faster time to market

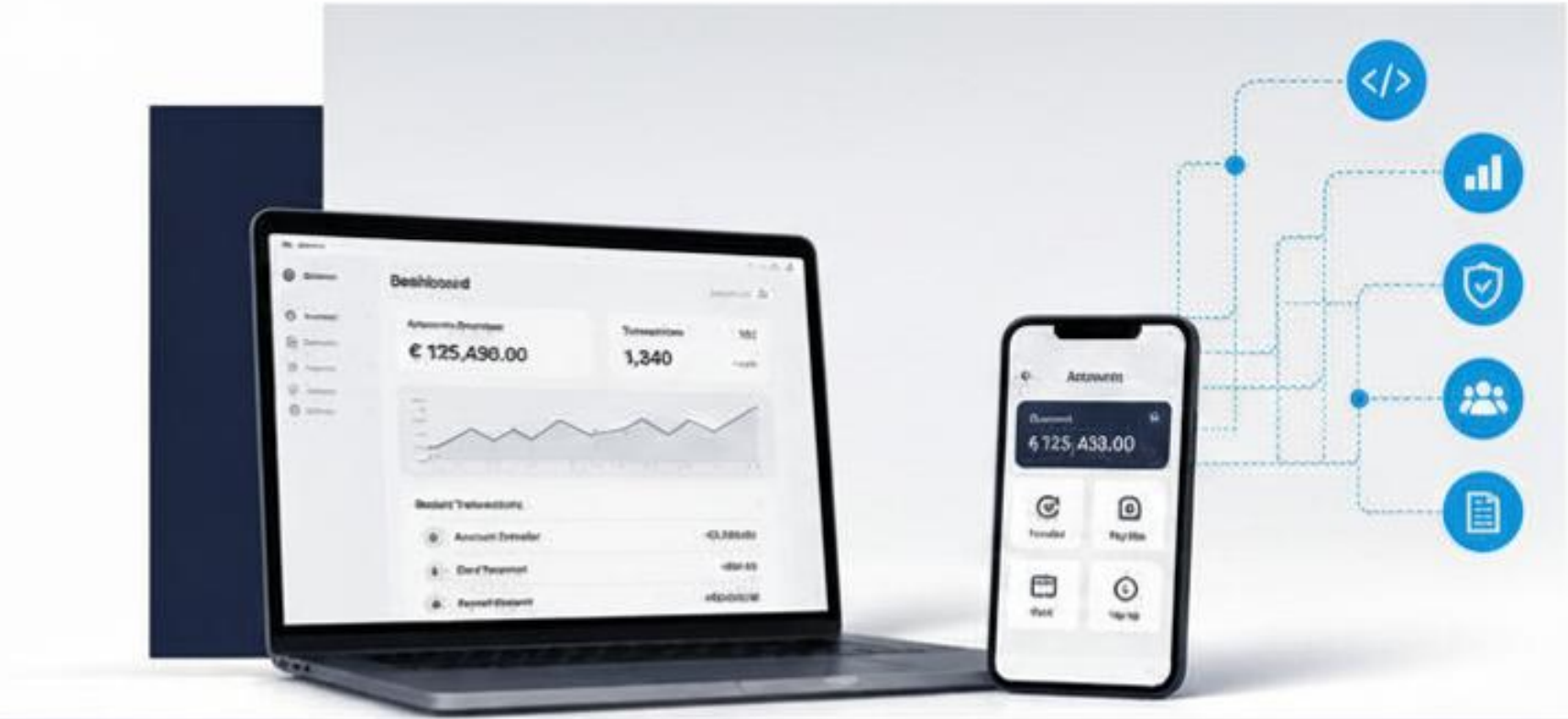


Products that matter

PROTOTYPE

Validate ideas. Reduce risk. Build with confidence.

We help you prototype and validate key features before investing in full-scale development.



OUR OFFER

- We identify the core user journey and business flow for prototyping
- We develop a PoC to validate key features and technical assumptions
- We outline the delivery framework and transition to production-ready implementation process that will be used in the development of the full product's functionalities



OUR OUTCOME

We deliver a workable prototype and documentation.



OUR TEAM

- Senior PM – that bringing 7+ years of expertise in application modernization
- Senior Solution Architect with 10+ years of experience digital transformation programs
- Delivery team: covering all roles as software development, quality assurance, design



OUR JOINT EFFORT

- 20-days product development effort to define, deliver and test the prototype
- 6 daily stand up ceremonies to align deliverables and communicate progress
- 2 planning sessions and 1 final demo to fully validate the results



Validate before you build



Reduce risk and uncertainty



Accelerate time to market



Build the right product



Innovative solutions, built on validated ideas.

PRODUCT DEVELOPMENT

Build. Scale. Deliver with engineering excellence.

We help you turn validated product ideas into secure, scalable and production-ready digital products.



OUR OFFER

- We define scalable architecture and technical foundations
- We build web, mobile, backend, APIs and integrations
- We deliver iteratively with quality assurance and agile governance

OUR OUTCOME

- Production-ready digital product or platform
- Scalable architecture and technical documentation
- Tested releases and deployment pipeline
- Delivery governance, KPIs and sprint reporting

OUR TEAM

- Senior PM / Delivery Manager
- Solution Architect
- Backend, Frontend and Mobile Engineers
- QA Engineer and DevOps support

OUR JOINT EFFORT

- Agile delivery setup to align scope, roles, ceremonies and success KPIs
- Iterative development sprints to build, test and release product increments
- Demo and release planning to validate progress and prepare go-live

PRODUCT SUPPORT

Maintain. Optimize. Evolve

We support and improve digital products after launch, helping teams protect stability while continuously delivering improvements.



OUR OFFER

- We provide application support, monitoring and incident handling
- We manage bug fixing, small enhancements and release support
- We optimize performance, reliability and user experience over time

OUR OUTCOME

- Stable product operations and support model
- SLA-based issue handling and prioritization
- Continuous improvement backlog
- Reporting on incidents, releases and product health

OUR TEAM

- Support Lead / Service Manager
- Software Engineers
- QA Engineer
- DevOps / Cloud Engineer

OUR JOINT EFFORT

- Support transition to capture product knowledge, environments and processes
- Recurring support cycle to manage incidents, fixes, enhancements and releases
- Monthly service review to track performance, priorities and improvement actions

 Operational stability

 Lower support risk

 Continuous improvement

 Better product performance

 Products supported beyond go-live and launch

TECHNICAL CAPABILITIES

Software Engineering — backend, frontend, APIs and microservices

Cloud & Platform Engineering — AWS, Azure, Kubernetes

Mobile Development — native and cross-platform

Data & AI — analytics and intelligent automation

DevOps & Automation — CI/CD and infrastructure automation

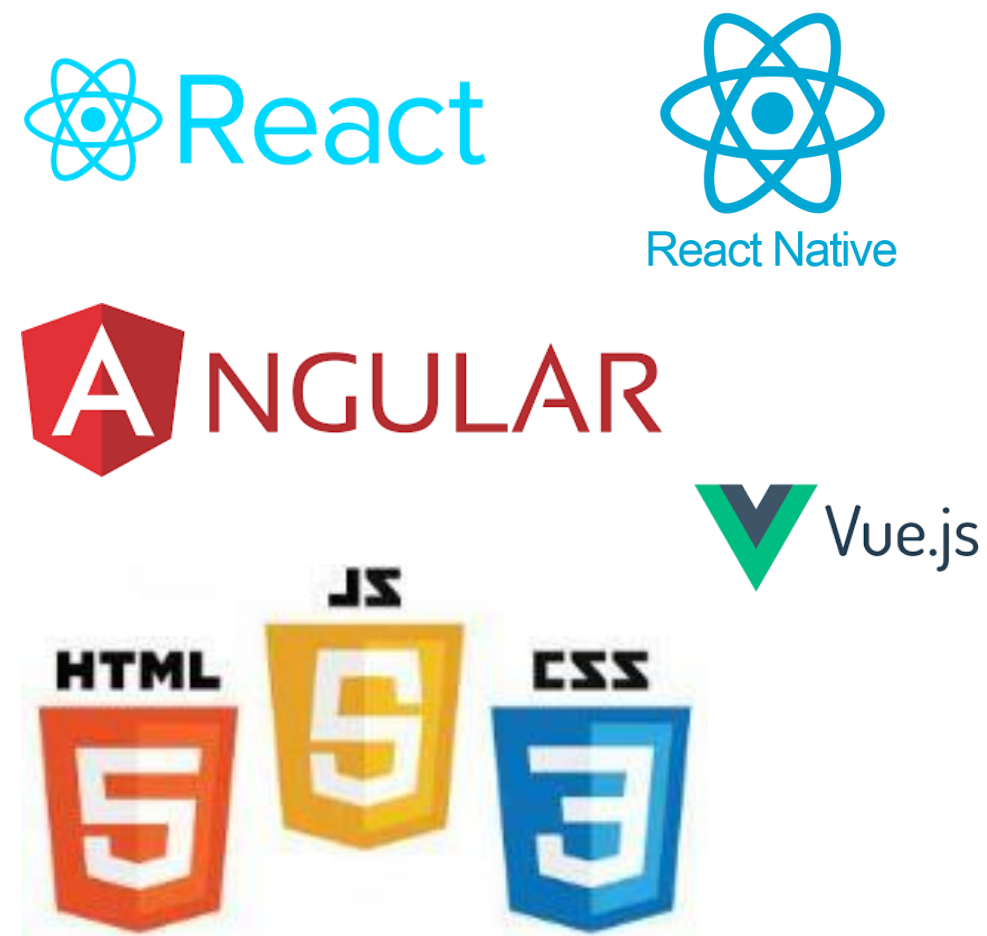
SOFTWARE ENGINEERING

Our approach to working with our clients is to first review their current technology stack, strategy and requirements discussing the best technical approach to meet their overall goals. As we are technically agnostic, we are able to provide independent advice and guidance. The diagrams below provide a high-level view of the most common technologies we are currently working with.

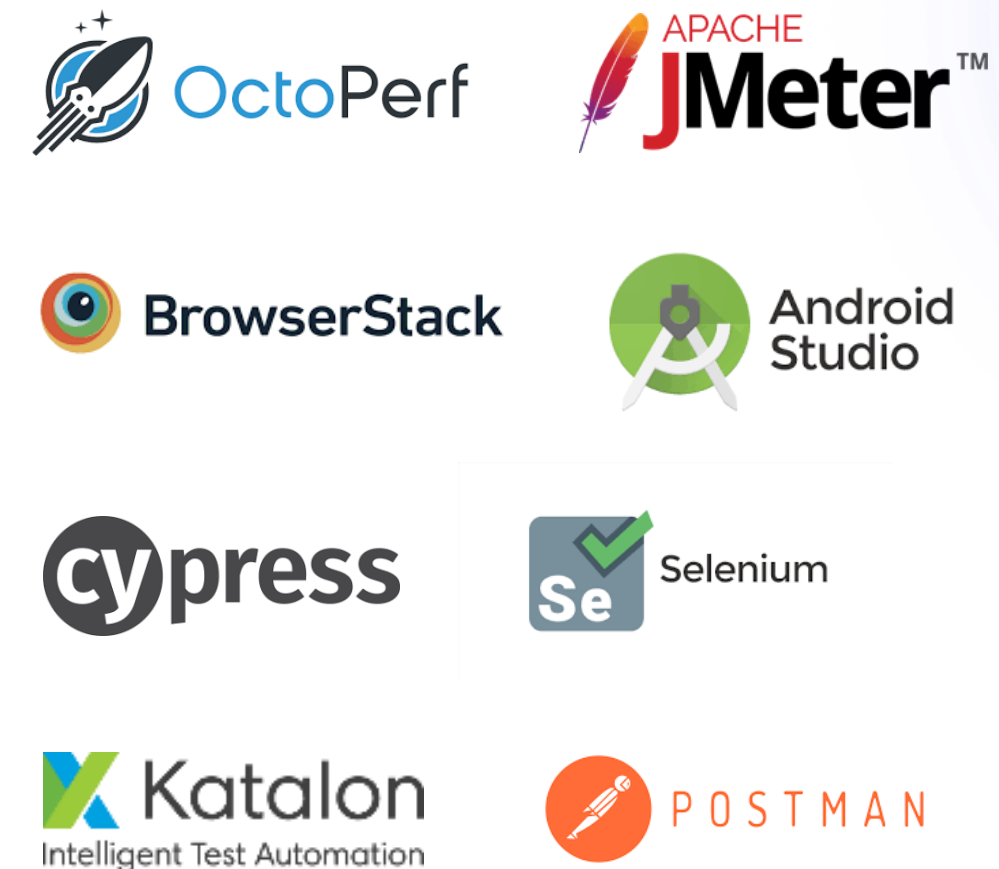
BACK-END



FRONT-END



TESTING



SOFTWARE ENGINEERING

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DATABASE



DATA SCIENCE



INFRASTRUCTURE



KEY INDUSTRIES



Financial services & Insurance

We help financial institutions and insurers innovate with confidence. From core banking modernization to intelligent automation, AI, and secure digital experiences, we build solutions that enhance trust, improve efficiency, and unlock new growth across markets.



Telecommunications & Energy

We help telecom and energy organisations modernise infrastructure, optimise operations, and unlock the value of real-time data. Through intelligent platforms, automation, and AI-driven solutions, we improve reliability, efficiency, and decision-making while enabling the connected and sustainable systems of the future.



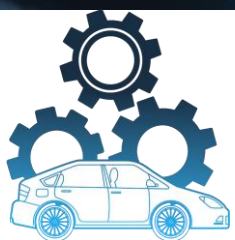
Media & Information providers

We power digital experiences that engage, scale, and monetize. From real-time content and fan engagement to data-driven personalization and platform modernization, we help media and entertainment brands connect with audiences and stay ahead in a fast-moving landscape.



Healthcare

We build technology that improves lives. From AI-powered monitoring and patient-centric platforms to operational automation, we help healthcare organizations deliver better outcomes, enhance experiences, and prepare for the future of care.



Manufacturing and Automotive

We help automotive and manufacturing organizations accelerate innovation through intelligent software, connected systems, and AI-driven platforms. From smart mobility solutions and digital services to quality control, predictive manufacturing, and real-time operational intelligence, we enable greater efficiency, accuracy, and business performance.



Technology

We partner with innovative product companies to turn ideas into impactful solutions. With scalable engineering teams and deep product expertise, we help you build faster, smarter, and bring products to market with confidence

TRUSTED BY



OUR CLIENTS'S SUCCESS STORIES



FINANCIAL SERVICES





ONE OF THE LEADING DIGITAL BANKS IN THE MIDDLE EAST

Challenge

Rapid expansion into multiple geographies required a scalable banking platform capable of supporting country-specific integrations and accelerated product rollout.

Our role

Took ownership of existing platform development and support
Designed a second-generation architecture
Introduced scalable integrations for KYC, AML, core banking and payments
Supported expansion strategy

Results

New platform ready for launch in new markets within 12 months
Scaled delivery from 10 to 90+ specialists
Established 24/7 support capability
Improved scalability and speed of onboarding new markets

ONE OF THE TOP 3 BANKING GROUPS IN SPAIN

Challenge

Traditional mortgage journeys were slow, complex and highly dependent on intermediaries.

Solution

Created a fully digital mortgage experience allowing customers to:

- Compare offers online

- Complete applications in under 15 minutes

- Receive near-instant decisions

Business impact

- Reduced customer friction

- Increased acquisition potential

- Improved customer experience

- Established a market-leading digital proposition





ONE OF THE UK'S LEADING CHALLENGER BANKS

Challenge

Customer journeys had become overly complex and conversion rates were underperforming.

Transformation delivered

Redesigned credit card journey

Simplified insurance application flow

Introduced customer-centric digital experiences

Outcomes

13% increase in application conversion

8% increase in insurance applications

Significant reduction in process complexity

ONE OF THE TOP 5 BANKING GROUPS IN SEE

Challenge

A leading banking group in SEE aimed to expand into the EU market by launching a next-generation digital bank with capabilities exceeding those of the top 5 EU banking platforms.

Solution

Conducted a competitive analysis of leading UE digital banking platform

Design and build a fully digital banking experience

Developed and tested innovative, market disturbing features

Integrated AI-driven automations

Business impact

Cost efficiency by delivering the application 20% faster than anybody on the market

Created product is expected to generate 10 Million Euros in value within the first year after go-live





HEALTHCARE

A GLOBAL LEADER IN HEALTHCARE AND MEDICAL DEVICES

Challenge

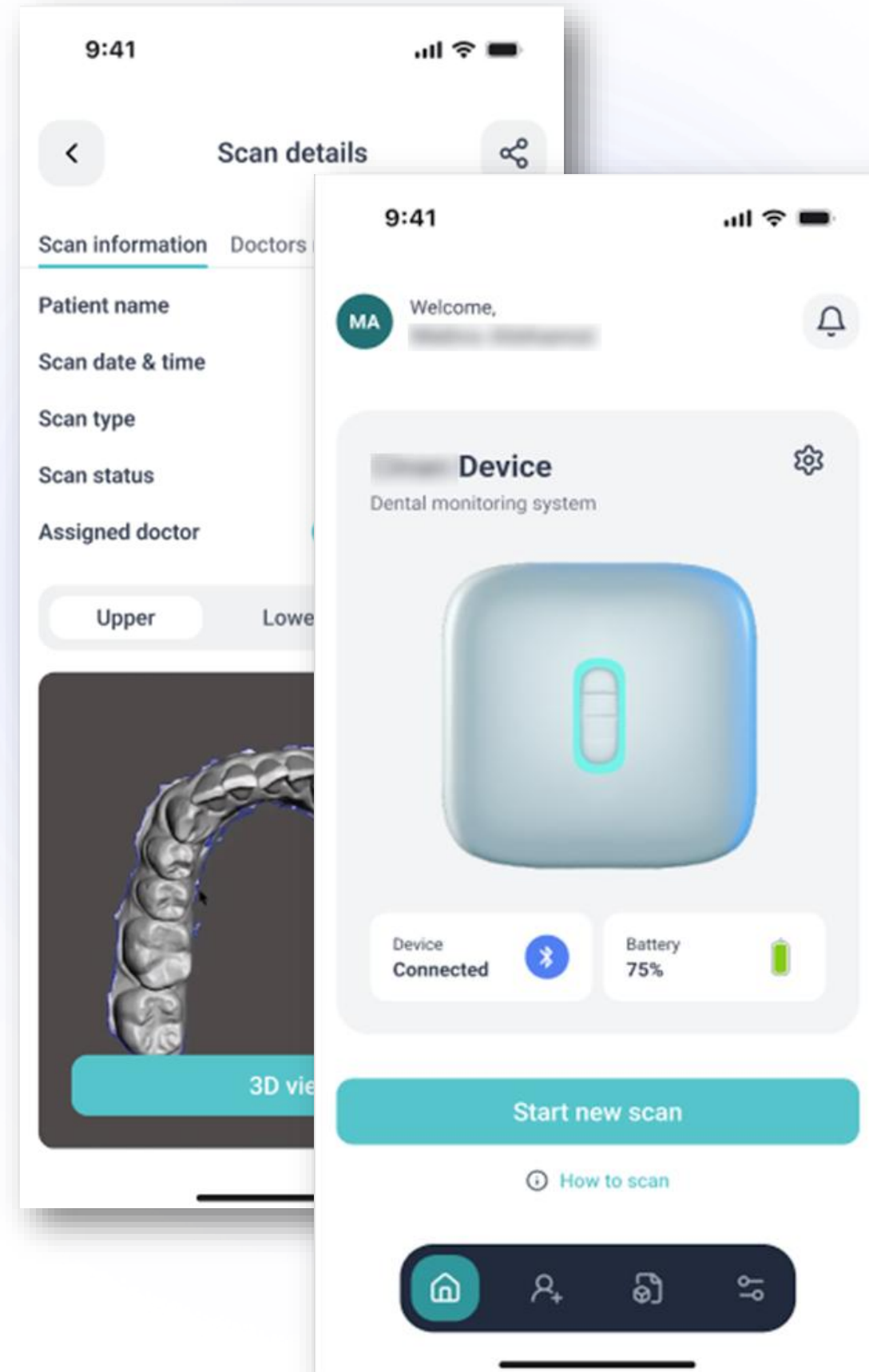
The client set out to transform dental diagnostics through an innovative healthcare platform combining medical hardware, mobile technology, and AI-powered analysis to improve accessibility and efficiency of initial assessments.

Our role

Led UX design for patients and healthcare professionals
Developed the mobile application and hardware integrations
Built the back-office platform and advanced 3D image processing capabilities
Developed AI and Machine Learning models for automated diagnostic support

Results

Delivered a fully integrated hardware and software ecosystem
Enabled AI-assisted preliminary dental diagnostics
Improved accessibility to initial dental assessments
Established a scalable platform ready for growth across multiple markets and user groups



MEDIA



Challenge

A global leader in academic publishing industry required experienced engineering teams capable of supporting multiple business units, modernizing critical platforms, managing large-scale information systems, and accelerating delivery across publishing, research, real estate, and digital media products.

Our role

Embedded cross-functional teams across multiple Group business units
Managed and enhanced mission-critical products serving researchers, publishers, and commercial clients

Modernised platforms and supported large-scale content and document management systems

Provided specialised Java, front-end, and full-stack engineering expertise
Led migration and transformation initiatives under strict delivery timelines and budget constraints

Results

Successfully supported multiple strategic platforms across the Group
Improved scalability, maintainability, and performance of business-critical applications

Delivered complex platform migration projects within tight deadlines and budget requirements

Enabled continuous product evolution through long-term engineering partnerships

Scaled delivery across multiple teams, with approximately 30 specialists supporting key business areas



About

Havas Media Group operates in over 140 countries and services its clients through a portfolio of specialist teams that span media, strategy, digital, data consulting, programmatic buying, performance marketing, mobile, out of home and geolocal, social media, experiential, entertainment and sport.

Challenge

Havas Media Group needed to modernise a legacy media planning platform built on Silverlight and migrate it from an on-premises environment to Microsoft Azure, while expanding functionality and supporting additional media channels.

Our role

- Re-platformed the solution to Microsoft Azure
- Modernised the application architecture and user experience
- Expanded functionality to support additional media types
- Delivered the MVP and subsequent product enhancements
- Provided a dedicated cross-functional delivery team

Results

- Successfully migrated a legacy platform to the cloud
- Delivered a modern and scalable media planning solution
- Expanded support for multiple media channels
- Reduced dependency on on-premises infrastructure
- Enabled future cloud and data analytics initiatives
- Established a long-term technology partnership with Havas Media Group



Challenge

Following its separation from the Gamer Network franchise, Popverse needed a new independent digital platform that would give its team full control over content management and publishing. The solution had to be delivered within a limited budget and an ambitious three-month timeline.

Our role

Defined the architecture and technology stack in a rapid discovery phase

Refined requirements and supported content migration and creation

Implemented user tracking and advertising management capabilities

Built the platform using Umbraco, .NET, and Next.js

Delivered the solution within a compressed implementation schedule

Results

Successfully launched the new platform within three months

Enabled full editorial control and content management independence

Delivered a cost-effective solution within budget constraints

Ensured platform stability through post-launch monitoring

Continued supporting feature enhancements and platform evolution



POPVERSE

TELECOM & ENERGY



Challenge

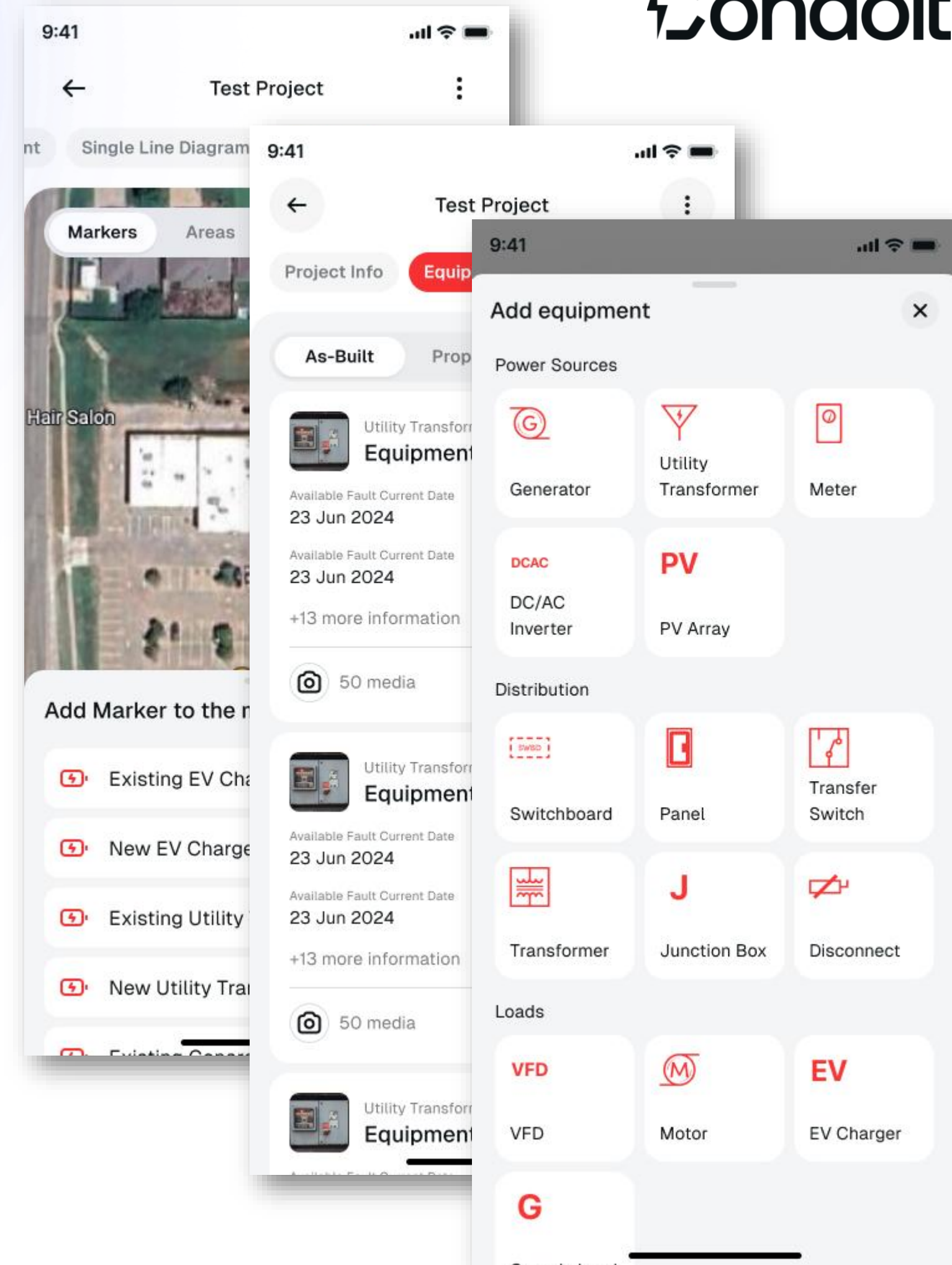
As the platform evolved, Condoit needed to modernise and stabilise its product while improving performance, usability, and scalability across both mobile and web applications. The goal was to support electrical contractors with a reliable digital solution for creating and managing single-line diagrams and related project documentation.

Our role

- Redesigned and enhanced the user experience across mobile and web platforms
- Redeveloped core product functionality to improve performance and stability
- Built and optimised Single-Line Diagram capabilities
- Enhanced Bill of Materials generation and reporting features
- Consolidated and modernised front-end and back-end architecture
- Collaborated as an embedded product team alongside the client

Results

- Delivered a more stable and scalable platform for electrical contractors
- Improved performance and user experience across mobile and web applications
- Streamlined the creation of single-line diagrams and project documentation
- Established a modern architecture foundation supporting future product growth
- Supported continuous product evolution through a dedicated team of 6 UX, Business Analysis, and Development specialists



About

myenergi is a rapidly growing UK manufacturer of Electric Vehicle charging equipment and eco-smart home devices. They believe in the electric revolution and are committed to pioneering a simple and sustainable transition to renewable energy.

Challenge

Rapid growth in the renewable energy and electric vehicle market required scalable digital products capable of supporting device management, dynamic energy tariffs, and smart energy optimisation for thousands of users.

Our role

Developed mobile and web applications

Built device management and smart scheduling capabilities

Integrated multiple energy tariff providers through custom APIs

Delivered energy monitoring and reporting features

Developed the installer application for device activation and onboarding

Results

Enhanced customer experience across mobile and web platforms

Enabled intelligent energy usage optimisation based on real-time tariff data

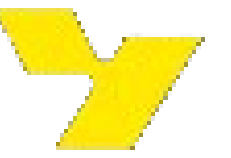
Simplified installation and activation of smart energy devices

Improved visibility into energy consumption and cost savings

Supported continued platform growth and feature expansion through a long-term partnership with myenergi



YELLOWGRID – GREEN ENERGY SERVICES



Challenge

The client required a scalable digital platform capable of managing distributed energy assets, integrating IoT devices, and optimising energy generation, storage, and trading across multiple markets. The solution needed to support real-time data processing, reliable device connectivity, and Virtual Power Plant (VPP) operations while maximising return on investment for households and industrial facilities.

Our role

- Designed and implemented the enterprise architecture for the core platform
Integrated third-party systems including grid operators, invoicing platforms, and live telemetry sources
- Led non-functional requirements covering performance, security, scalability, and reliability
- Developed Virtual Power Plant (VPP) capabilities for energy trading operations
- Optimised data storage and processing for large-scale IoT environments
- Defined and implemented IoT device architecture, including edge computing and modular connectivity frameworks
- Developed mobile capabilities focused on data reliability and digital wallet functionality

Results

Delivered a scalable platform connecting energy production, consumption, and trading operations

Enabled real-time monitoring and optimisation of distributed energy assets

Improved reliability and performance of IoT device communications and telemetry data

Supported Virtual Power Plant operations through secure and scalable infrastructure

Created a foundation for expansion across multiple geographies and energy markets

Enhanced customer visibility and control through mobile-first digital experiences





SPORT AND EVENTS

Challenge

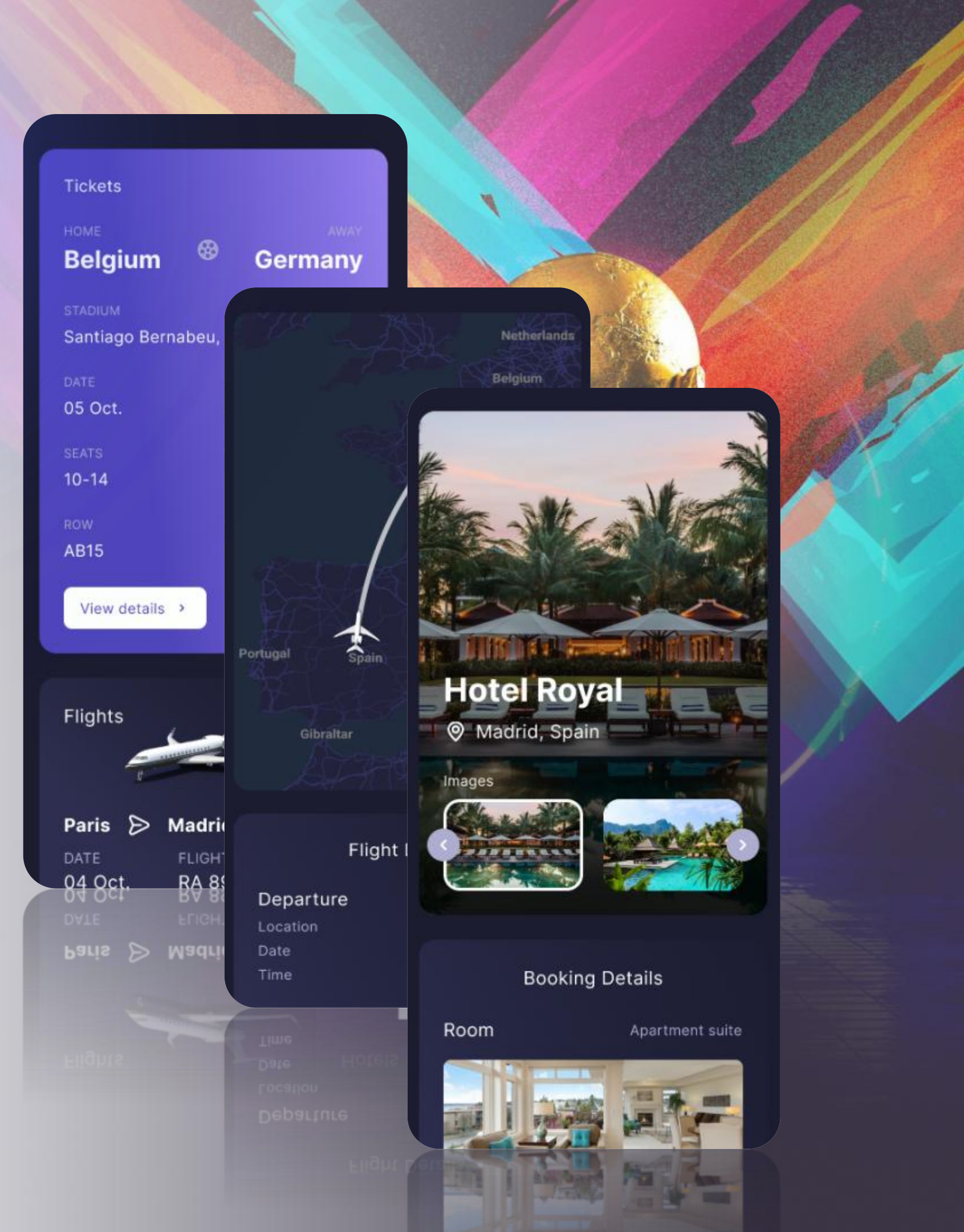
A leading international football federation sought to transform the VIP experience at major sporting events by delivering a seamless, personalized digital concierge service. The challenge was to streamline operations, improve guest engagement, and provide premium experiences at scale while managing the complexity of large international events.

Our role

- Designed and developed their VIP Digital E-Concierge Platform
- Created personalized digital experiences for VIP guests throughout the event journey
- Streamlined concierge and guest service operations through digital workflows
- Integrated multiple systems and services to provide a unified VIP experience
- Enhanced content management capabilities to support dynamic event requirements

Results

- Improved the on-site VIP event experience by 60%
- Increased customer engagement by 40% through personalized digital interactions
- Reduced incident resolution times by 50%, improving operational efficiency
- Increased integration efficiency by 70% across connected systems and services
- Improved content management flexibility by 80%, enabling faster updates and better event coordination
- Established a new benchmark for VIP service delivery at large-scale sporting events





We are proud to partner with The R&A, the governing body of golf and organizer of The Open Championship and AIG Women's British Open. Over the years, we have navigated the challenges and celebrated the triumphs of producing live events.

We were there in 2014 when The Open adopted a two-tee start for the first time in its 150-year history, and in 2019 when it returned to Northern Ireland, resulting in a sell-out of tickets and hospitality.

Despite the pandemic-forced postponement of The Open in 2020, we supported The R&A in delivering their award-winning 'The Open for The Ages' digital event.

www.randa.org



Challenge

At The Races wanted to enhance the digital experience for horse racing enthusiasts by providing a single platform that combines live streaming, race data, expert insights, and betting information from multiple sources in a seamless mobile experience.

Our role

- Designed and developed the mobile application for racing fans
- Integrated live video streaming from Sky Sports Racing
- Delivered on-demand race highlights through the ATR video platform
- Aggregated and processed data from multiple external providers
- Implemented racecards, results, betting odds, and market insights
- Enhanced content delivery for tips, blogs, and racing news

Results

- Unified live streaming, race data, and editorial content in a single mobile experience
- Improved access to real-time racing information and betting insights
- Enhanced fan engagement through live video, race highlights, and expert content
- Streamlined the delivery of racecards, results, and odds from multiple sources
- Established a scalable platform supporting racing events from around the world



Challenge

Lewis Silkin needed to modernise its digital presence by migrating to the new Sitecore XM Cloud platform while delivering a complete user experience redesign. The project also involved consolidating content from multiple legacy CMS platforms, each with its own structure and content model, while ensuring a seamless transition for both users and content editors.

Our role

- Conducted discovery workshops to refine requirements and align on the technical approach
- Provided strategic guidance through senior Sitecore architecture and consultancy expertise
- Designed a scalable component-based architecture leveraging Sitecore XM Cloud capabilities
- Developed the solution using Next.js for the front-end and .NET for the back-end
- Planned and implemented content migration processes from four legacy CMS platforms
- Optimised the platform through reusable component variations to reduce development effort and increase flexibility

Results

- Successfully migrated the website to Sitecore XM Cloud
- Consolidated content from four legacy CMS platforms
- Delivered a modernised digital experience with an improved user interface
- Increased content management efficiency through reusable components
- Established a scalable architecture built on Next.js and .NET
- Created a future-ready platform supporting ongoing growth and innovation



LEWIS SILKIN



Challenge

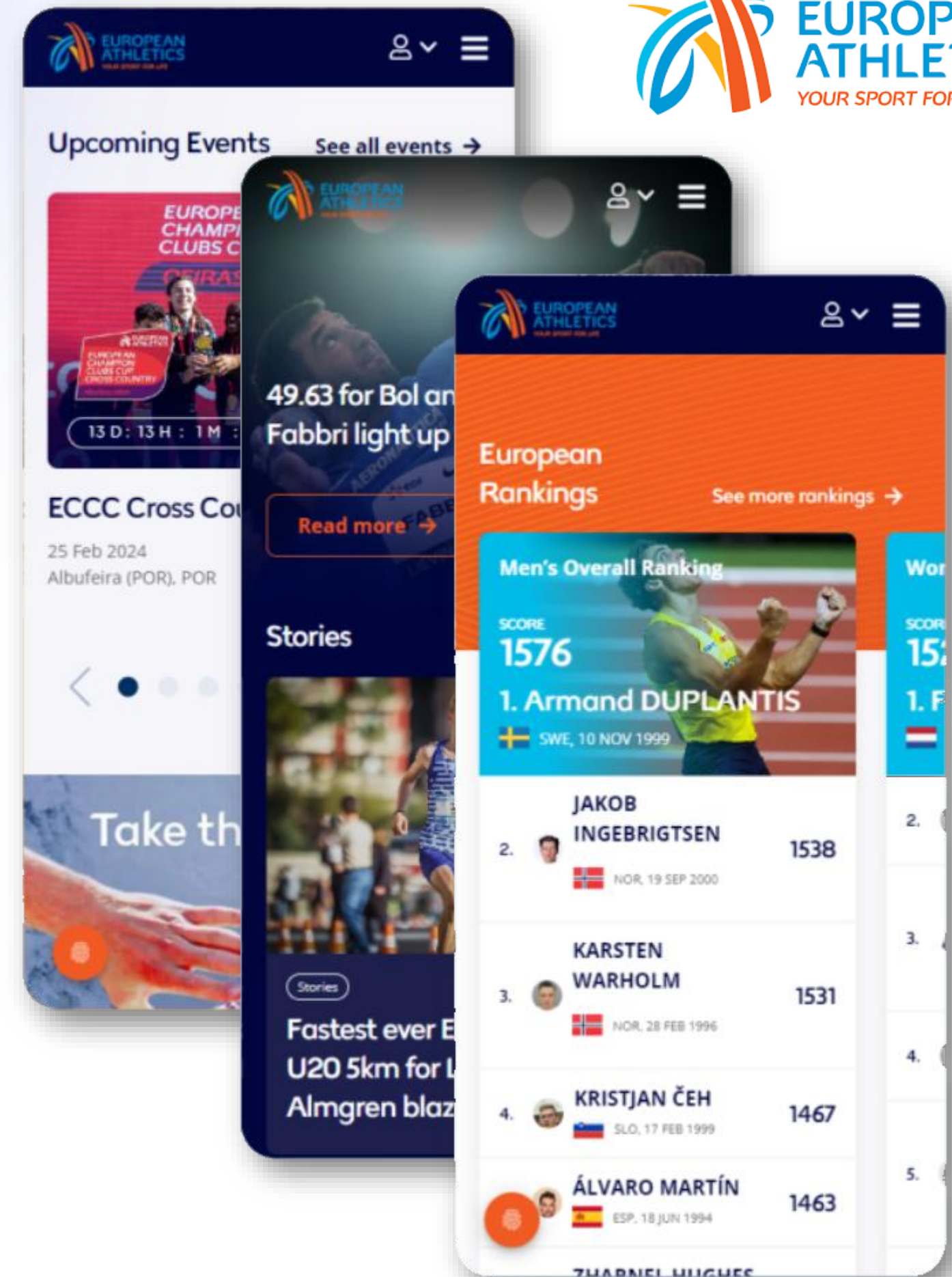
European Athletics needed to create a unified digital experience that serves a diverse audience, including fans, athletes, media representatives, and member federations. The challenge was to deliver a consistent, brand-aligned experience across web and mobile platforms while managing large volumes of content and increasing engagement, retention, and platform usage beyond major sporting events.

Our role

- Designed and implemented a mobile-first digital experience across web and mobile platforms
- Developed user journeys tailored to fans, media, athletes, and member federations
- Created interactive engagement features to increase user retention and platform activity
- Introduced gamification and community-driven experiences to strengthen audience participation
- Enhanced monetisation opportunities through premium content, e-commerce, and sponsorship integrations
- Defined and delivered a scalable digital platform capable of supporting future growth initiatives

Results

- Delivered a consistent digital experience across web and mobile channels
- Increased user engagement through interactive content and gamification features
- Created new revenue opportunities through premium content and merchandising initiatives
- Enhanced fan participation through challenges, loyalty programmes, and fantasy competitions
- Improved audience retention during off-event periods
- Established a scalable foundation for long-term growth of the European Athletics digital ecosystem



THANK YOU

Let's meet in two weeks!



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