



Rapid Prototyping

G-Cloud 15 Framework
Lot 3 Cloud Support: Service Definition

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Service overview

At AtkinsRéalis, we excel at helping you envisage your applications at the GDS Alpha stage. Our teams have built and tested prototypes across multiple sectors and organisations (such as in critical flood alert systems, local authority planning data hubs, and with Sport England) to explore solutions, challenge assumptions, and de-risk the route to Beta, making things just complex enough to test ideas with users and throw away what is not needed.

We follow GDS guidance to make prototypes, iterate frequently, and keep a multidisciplinary team focused on user needs and accessibility. Our strong track-record of delivering solutions to complex client problems means you can trust us to understand your challenge and deliver prototypes adhering to your specific sector standards.

Service description

We take clients from Discovery into Alpha with structured workshops ensuring we fully understand your user personas, stories and journeys, before embarking on prototype creation. Our three distinct offerings can be purchased individually or combined:

- **Low-fidelity wireframes:** Fast sketching of flows and screen layouts to explore options with stakeholders and identify what to test first.
- **Clickable, higher-fidelity wireframes:** Interactive Figma journeys for realistic user testing and rapid iteration, to refine content, layouts and flows before any code is written.
- **Application prototype (hosted):** A working app deployed to target environments (web / app / mobile) with selected functionality enabled, such as .NET and Microsoft Power Platform proofs-of-concept, to validate integration paths and performance before Beta.

Our social scientists, UX Designers, usability specialists and wider Human Factors experts work together to ensure inclusive designs that are simple to use and practical for real-world contexts.





Why choose us? - trusted results, proven impact

Our work always aligns meticulously to all points of the GDS Service Standard, to ensure we understand users and their needs, solve whole problems, design for accessibility, and iterate and operate reliably. We have a wealth of digital experts, software engineers, SMEs and consultants, blending Business Analysis, User Experience (UX), service design and engineering to reduce risk from day one.

We are experts in prototyping in your target stack (e.g., .NET, Power Platform) and with the GOV.UK Prototype Kit, where appropriate, to surface integration constraints before Beta. We make evidence-led decisions: each iteration is tested with users and contributes to assessment-ready artefacts for Beta.

Case studies

Find out how our impact is demonstrated through
real-world delivery

CASE STUDY

Sport England – discovery

By using rapid prototyping and journey-based wireframes, the team converted complex and hard-to-manage requirements into tangible, testable concepts. This approach enabled early validation, clearer prioritisation, and stronger alignment as the final solution was developed.

Benefits delivered

- Early validation of assumptions, helping stakeholders quickly understand the value of features
- Clearer prioritisation and reduced ambiguity across complex requirements and multiple components
- Increased stakeholder confidence that the final solution meeting would meet Sport England's needs





CASE STUDY

National Underground Asset Register (NUAR) – prototyping

Our UX Designers and User Researchers utilised an application prototype to validate assumptions and refine functionality before committing to full development. This approach enabled detailed refinement of user stories, ensured the solution aligned with real operational needs, and accelerated decision-making.

Benefits delivered

- Early validation of concepts with users before committing to full feature development
- Faster refinement of user stories and requirements through hands-on feedback resolving misunderstandings
- Reduced delivery risk by testing real interactions early, lowering the likelihood of technical debt and rework
- Higher stakeholder confidence by allowing them to see and try features in context

CASE STUDY

Ultimate Flood Alert Service

(Project Groundwater - FCRIP) – Discovery Wireframes

During Discovery for the Ultimate Flood Alerts concept, we combined structured user research, early wireframing, and feasibility assessment to define a clear, evidence-based vision for a next generation flood alert service. User interviews and persona development identified how residents, local authorities, and responders currently seek and interpret flood information, highlighting gaps across existing alert and mapping services. We evaluated current portals, exposing inconsistencies and unmet user needs and used low fidelity wireframes to validate improved journeys and test assumptions early.

Benefits delivered

- Evidence-based service design grounded in user-centred research ensuring the concept reflected genuine user needs, preferences, and pain-points
- Clear identification of gaps and opportunities through reviewing existing flood alert services, highlighting differentiators and areas for value-add
- Improved stakeholder alignment through a shared visual understanding enabled by wireframes



About AtkinsRéalis

AtkinsRéalis is a global leader in engineering, design, and digital services, renowned for delivering end-to-end solutions across government, infrastructure, energy, transportation, and technology sectors.

Founded in 1911, our company operates in over 160 countries with a workforce of more than 36,000 professionals, combining deep technical expertise with cutting-edge digital innovation. Notable for internationally recognised engineering projects such as the Burj Al Arab, the Ho Chi Minh City Skyscraper and the Elizabeth Line, alongside digital projects for MoD, HMRC, National Highways and Heathrow, we have earned a reputation for consistently delivering high-quality work.

Our digital capabilities span business strategy, architecture, design, implementation, project management, and lifecycle support, leveraging advanced technologies such as AI, digital twins, and data-driven systems to transform government, infrastructure and energy systems worldwide. With our strong focus on human-centric design, resilience, and sustainability, AtkinsRéalis is a trusted partner for complex, mission-critical projects for clients across government, defence, infrastructure and beyond.



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