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Hitachi Solutions Europe

G-Cloud 15 Service Definition Document

Cloud Application Development

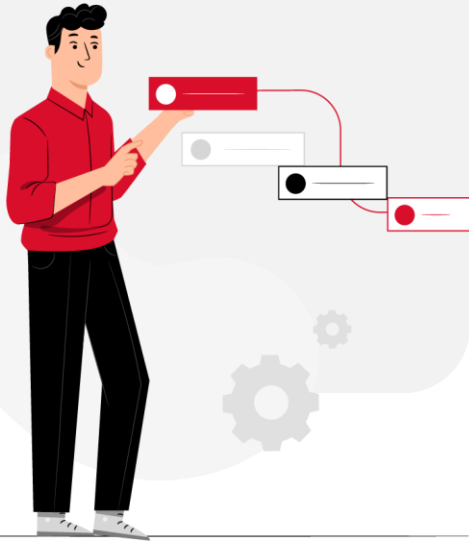
Cloud Application Development

What the service is, what you get, and the benefits

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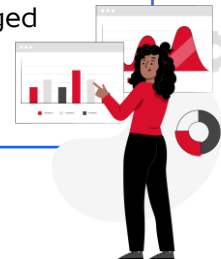
Service Description

Design and build Azure cloud applications and web portals for public services. We deliver user-centred, iterative delivery aligned to the GDS Service Standard and Technology Code of Practice. Includes full-stack build, API integration, DevSecOps CI/CD, automated testing, and secure-by-design engineering using .NET, Java, open-source, or Power Platform.



Service Features

- End-to-end digital service delivery from discovery to live support
- Azure application development using .NET, Java, and open-source stacks
- Cloud-native architecture using Azure PaaS and serverless services
- Container platforms using Azure Kubernetes Service (AKS) where suitable
- API development and integration using Azure integration services
- Secure-by-design engineering with identity and access controls
- Automated testing including performance, security, and quality checks
- CI/CD pipelines using GitHub Actions or Azure DevOps
- Infrastructure as Code using Bicep, Terraform, or ARM templates
- Data layer build using Azure SQL and managed database services



Service Benefits

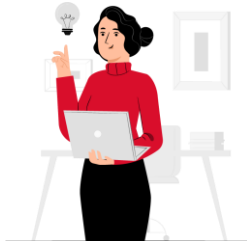
- Build public-facing digital services aligned to GDS standards
- Lower hosting and ops effort using managed Azure services
- Release faster with CI/CD automation and repeatable deployments
- Improve resilience with scalable, cloud-native architectures
- Reduce security risk through secure design and access controls
- Integrate services using APIs and event-driven approaches
- Improve performance with tuning, caching, and load testing
- Reduce rework with automated tests and quality gates
- Deliver consistently by reusing patterns, components, and templates
- Maintain continuity with monitoring, support, and incident response



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Build cloud-native applications on Azure, ready for live service



What this service is for

Turn user needs into working, secure digital services

Teams often need new portals and applications fast, but delivery slows when build standards, release processes and security controls are inconsistent. This service provides end-to-end delivery to design and build cloud-native applications on Azure, using full-stack engineering and managed platform services to reduce operational overhead.

We align delivery to the GDS Service Standard and Technology Code of Practice, so decisions are testable and assurance-ready. You get working software, repeatable deployment, and a clear path to support and continuous improvement.

Key outcomes: Working cloud-native application or portal | Secure-by-design build | Repeatable CI/CD releases | Tested integrations and APIs | Live support readiness



Why this service is useful

Reduce waste in build, release and operations

Cloud application delivery often fails in the gaps: unclear requirements, late integration, manual deployments, and testing that happens too late. We remove that waste by combining user-centred delivery with DevOps CI/CD, automated testing and infrastructure as code, so teams can release safely and more often.

Using managed Azure services and cloud-native patterns improves resilience and performance, while secure-by-design engineering reduces security and audit risk.

Common triggers: Need a new citizen or staff portal | Manual releases and fragile environments | Integration needed across systems | Performance or scaling issues | Security controls need strengthening | Delivery teams lack repeatable patterns



Why this service is different

Safer change, with decisions made visible and testable

We make delivery decision-led and test-led from the start: clear acceptance criteria (where required), automated quality gates, and security built into the engineering approach, not added at the end. That keeps delivery moving while maintaining confidence in what is being released.

We also design for operations early: CI/CD, monitoring approach, and support handover built into the delivery plan so live teams are not left with a “finished build” that is hard to run.

Differentiators: GDS-aligned ways of working | Secure-by-design by default | Automated testing and quality gates | CI/CD + IaC baked in | Support-ready handover

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“Teams need user-centred digital services that are secure, testable, and easy to run.”

Client Challenges

Slow, risky releases

Manual deployments, inconsistent environments and last-minute fixes delay delivery. Teams lose confidence in releases and spend time firefighting instead of improving the service.

Brittle integrations and data flows

Point-to-point integrations and unclear API standards make changes expensive. Dependencies between systems slow delivery and create avoidable incidents when upstream services change.

Security and assurance friction

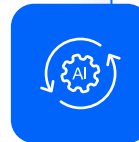
Identity, access controls, and evidence are often bolted on late. That creates rework, slows approvals, and makes it harder to demonstrate secure-by-design delivery.

Our Solution



Cloud-native applications and portals on Azure

Design and build cloud-native services using Azure PaaS and serverless where suitable. Full-stack delivery using .NET, Java, open-source, or Power Platform, designed for modularity, performance and scalability from day one.



Secure-by-design engineering

Embed security into the build: identity and access controls, least privilege, secure configuration, and threat-informed design. Capture delivery evidence as a by-product of work (where required) to support assurance and audit expectations.



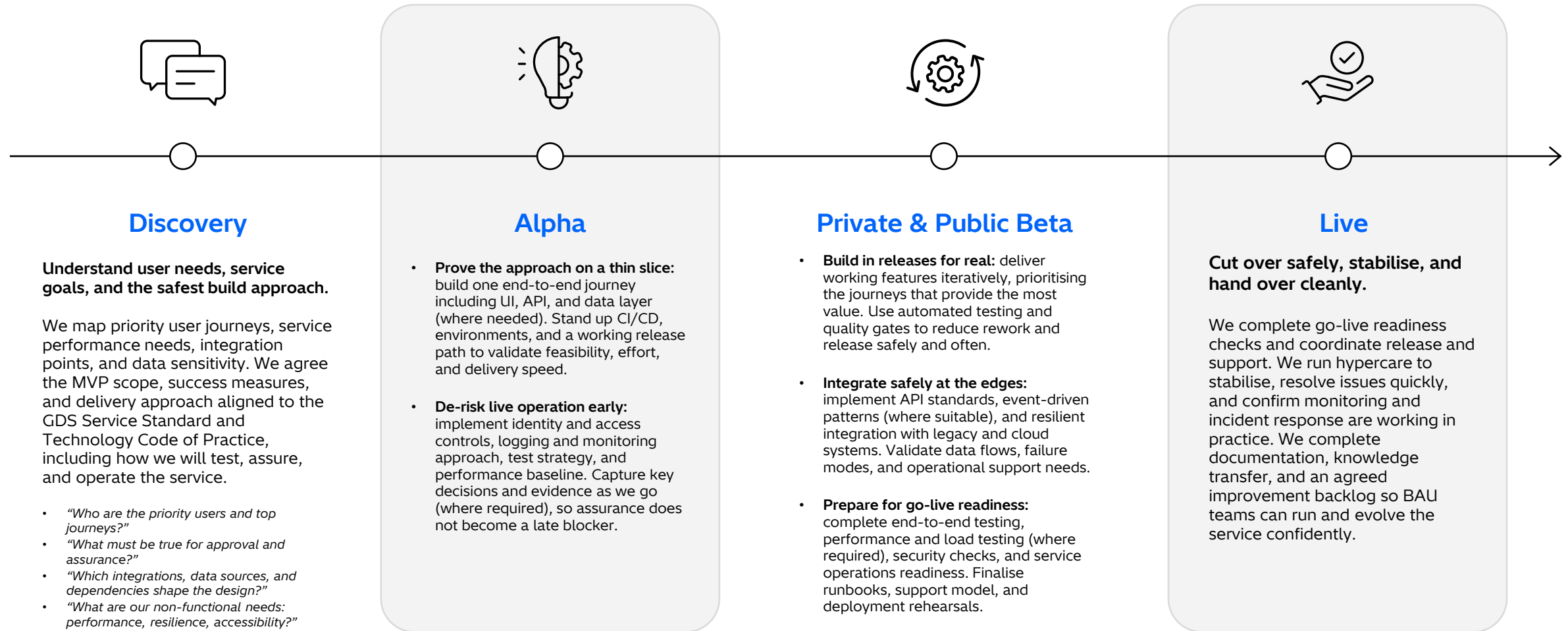
DevOps delivery with CI/CD and automated testing

Implement CI/CD pipelines using GitHub or Azure DevOps, plus Infrastructure as Code (Bicep, Terraform, or ARM) for repeatable environments. Use automated testing and quality gates, with performance and load testing where needed, to reduce rework and release safely.

Government Service Manual context

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Prove the approach on a thin slice, then build in releases and go live safely



The Hitachi logo is displayed in a bold, white, sans-serif font in the upper right corner of the image. The background is a photograph of a grand, multi-story classical building with a curved facade, many windows, and a balcony with a decorative railing. A large Union Jack flag is flying from a pole attached to the building. The overall image has a muted, greyish tint.

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Hitachi Solutions Europe

UK Government Overview

Hitachi Solutions for the UK Government

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Our **vision** is to be government's partner of choice for the design and delivery of **sustainable, human-centred, Microsoft Solutions and digital services**.

Human-centred Services

Every service starts with people and how technology can make their day simpler.

+

Deep Microsoft Expertise

Hitachi Solutions is dedicated exclusively to the Microsoft ecosystem.

+

Emotionally Aware Delivery

Our former civil servants bring deep understanding and cultural alignment.

=

+

One Hitachi

Hitachi Solutions is part of Hitachi, Ltd., one of the world's largest and most respected organisations.

Sustainable government transformation.

Human-centric by default.

Powered by Microsoft.



Our Credentials

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Microsoft



Microsoft global Government and Finance
Partner of the Year 2025

Microsoft Partner of the Year 2025 Finalists in
Build and Modernise AI Apps, Dynamics 365
Supply Chain, Dynamics 365 Sales and Customer
Insights, and Low Code Application Development

22 Years in **Microsoft's Inner Circle**
(including 2025)

Microsoft Solutions Partner across AI Business
Solutions, Cloud and AI Platforms and Security
with **18+ specialisations**

Industry



Keystone member of the **Government Digital
Sustainability Alliance**

Crown Commercial Service Supplier

Cyber Essentials Plus Certified

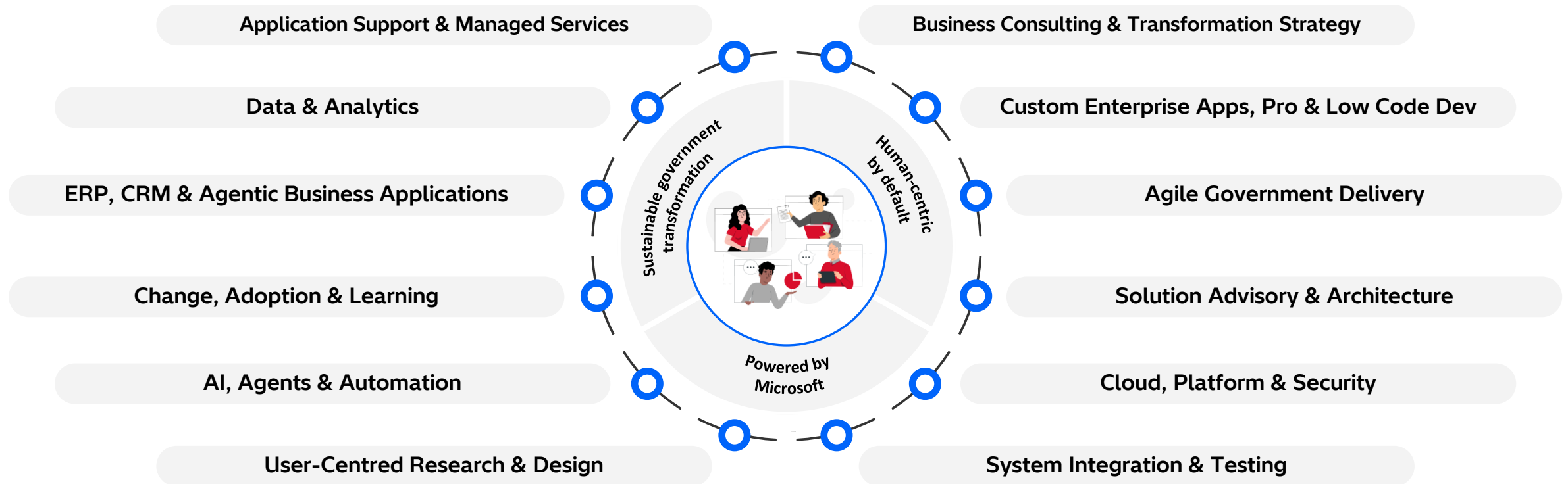
ISO-certified across Quality, Environment, Service,
Business Continuity, Information Security, and
Privacy Management

Recognised in the **Smarter Working Live Awards**
for our regulatory services Customer Experience
work with the Environment Agency

Our Services and Expertise

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Sustainable business transformation through tailored advisory, consulting, and technology solutions.



Our Clients

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"Hitachi Solutions brings substantial digital expertise to the table, complementing our robust business experience. Their insights have been instrumental in identifying opportunities for enhancement and accelerating our initiatives."

Gillian Pratt

Deputy Director Future Regulation
at Environment Agency



"Hitachi Solutions brought in a great project team who we kept for the full duration; they engaged with The Royal Mint side of things very effectively. It really felt like they were part of our own team."

Richard Hobbs

CIO The Royal Mint



"Hitachi Solutions bring the innovation, space and expertise needed to deliver digital transformation at a pace that is needed."

Andy MacDonald

Director of Customer Services,
Aberdeen City Council



"Hitachi Solutions were really good to work with, expertly turning our processes into slick system functionality. Their patience, understanding and "one team" approach to this project facilitated a free-flowing, inclusive environment. Hitachi Solutions' expert technical teams have delivered a great user experience, employing creative thinking to deliver to our often complex requirements."

Daniel Saward

OIA Head of Digital Technology



"DHSC collaborates closely with Hitachi Solutions LTS, emphasising the significance of our enduring partnership characterised by collaborative teamwork and mutual trust. Operating with a framework of high trust and capability, Hitachi Solutions ensures the delivery of quality and excellence to DHSC. Hitachi Solutions should be very proud of their track record in DHSC."

Bryan Rayner

Head of IT Business Systems



"Right from the start, we recognised in Hitachi Solutions a potential partner that would listen to us and really recognise the value of what we were trying to achieve, the lifesaving benefits of what we were trying to build and support."

Alex Duncan

Chief Technology Officer



Centre for Environment
Fisheries & Aquaculture
Science



Department
for Environment
Food & Rural Affairs



Valuation Office
Agency



HM Revenue
& Customs



Rural Payments
Agency



City of Westminster



Homes
England



THE ROYAL BOROUGH OF
KENSINGTON
AND CHELSEA



UK Export
Finance



Forestry and
Land Scotland
Coilltearachd agus
Fearann Alba

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