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Hitachi Solutions Europe

G-Cloud 15 Service Definition Document

Cloud Landing Zone

Cloud Landing Zone

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

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Service Description

Design and implement an Azure landing zone to host and migrate workloads securely. We deliver identity, networking, governance, logging, and policy-as-code aligned to Azure Well-Architected and public sector security expectations. Includes infrastructure as code, DevOps automation, monitoring, and documentation to enable safe cloud migration and operations.



Service Features

- Landing zone design aligned to Azure Well-Architected Framework
- Subscription, management group, and resource organisation standards
- Identity and access management using Entra ID and RBAC
- Network architecture: hub-spoke, DNS, VPN, ExpressRoute connectivity
- Security baseline, zero trust controls, and secure configuration
- Governance using Azure Policy, tagging, budgets, and guardrails
- Logging and monitoring using Azure Monitor and Log Analytics
- Key management and secrets using Azure Key Vault
- Infrastructure as Code using Bicep, Terraform, or ARM templates
- Documentation, runbooks, and operational handover to cloud teams



Service Benefits

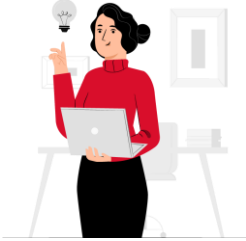
- Accelerate cloud migration with a reusable, governed foundation
- Reduce security risk with standardised controls and policy enforcement
- Improve compliance with auditable logging, monitoring, and documentation
- Reduce configuration drift through Infrastructure as Code automation
- Improve connectivity using tested network patterns and shared services
- Control costs with tagging, budgets, and chargeback reporting
- Increase reliability with monitoring, alerts, and operational runbooks
- Enable faster delivery with self-service subscriptions and guardrails
- Improve access management using least privilege and RBAC
- Build internal capability through knowledge transfer and operational handover



Cloud Landing Zone

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A secure, governed Azure foundation you can build on



What this service is for

Set up the platform controls before teams start migrating

Use this service when you need an Azure environment that is safe to operate and ready for migration at pace. We create the core platform foundations so workloads can be hosted consistently, with clear boundaries and shared services built in from day one.

It is designed for public sector teams who need confidence in identity, networking, governance, monitoring and policy controls, without slowing delivery. The outcome is a repeatable landing zone pattern that teams can adopt, extend and run with.

Key outcomes: Secure Azure foundation | Consistent subscription structure | Governed self-service | Audit-ready controls | Ready for migration



Why this service is useful

Make cloud safe and usable for delivery teams

Cloud programmes often stall because foundations are unclear or inconsistent. Teams create subscriptions ad hoc, access is messy, logging varies, and security controls become a late, expensive retrofit. This service puts the basics in place so delivery teams spend time on services, not fixing platform gaps.

You get a clear, documented setup with automation and operational handover, helping you meet security expectations while keeping delivery moving. It also supports better cost visibility and smoother operations once workloads go live.

Common triggers: Migration starting without standards | Audit actions to close | Inconsistent access controls | Network connectivity blockers | Limited monitoring coverage | Cost ownership unclear



Why this service is different

A decision-led build that stands up to assurance

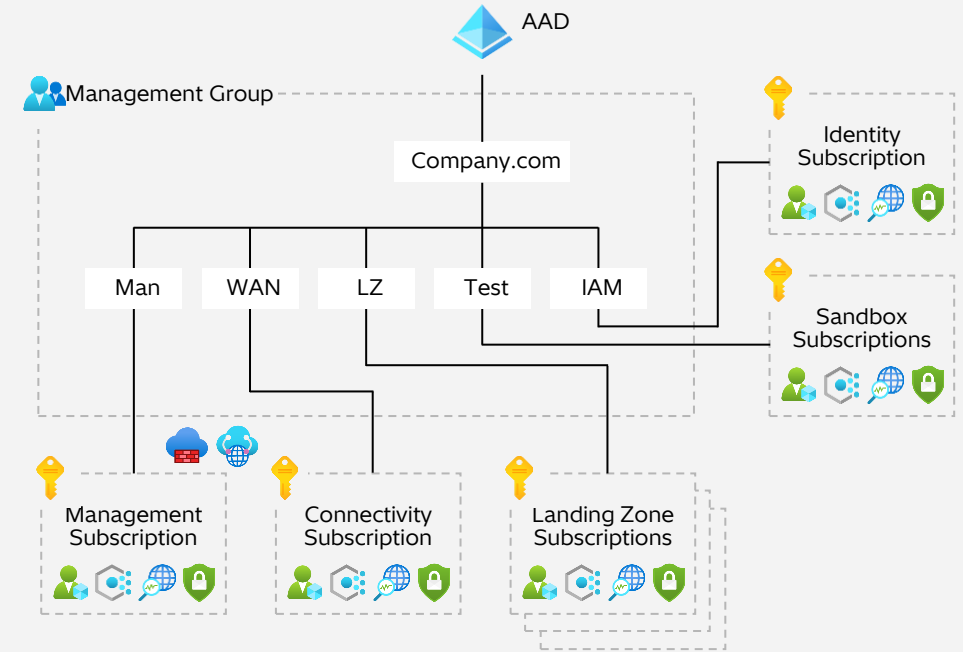
We focus on making the landing zone usable, not just “compliant”. That means practical patterns, clear guardrails, and automation that teams can adopt repeatedly across programmes. We capture decisions and acceptance criteria (where required), so buyers can evidence what was agreed, why, and how it was implemented.

We also prioritise operational readiness. Alongside the technical build, we provide runbooks, monitoring setup and a structured handover so cloud teams can support, extend and govern the platform confidently.

Differentiators: Decision-led design | Policy and controls baked in | Automation first | Operable from day one | Evidence ready (where required)

Our Solution: Cloud Foundation & Landing Zone Services

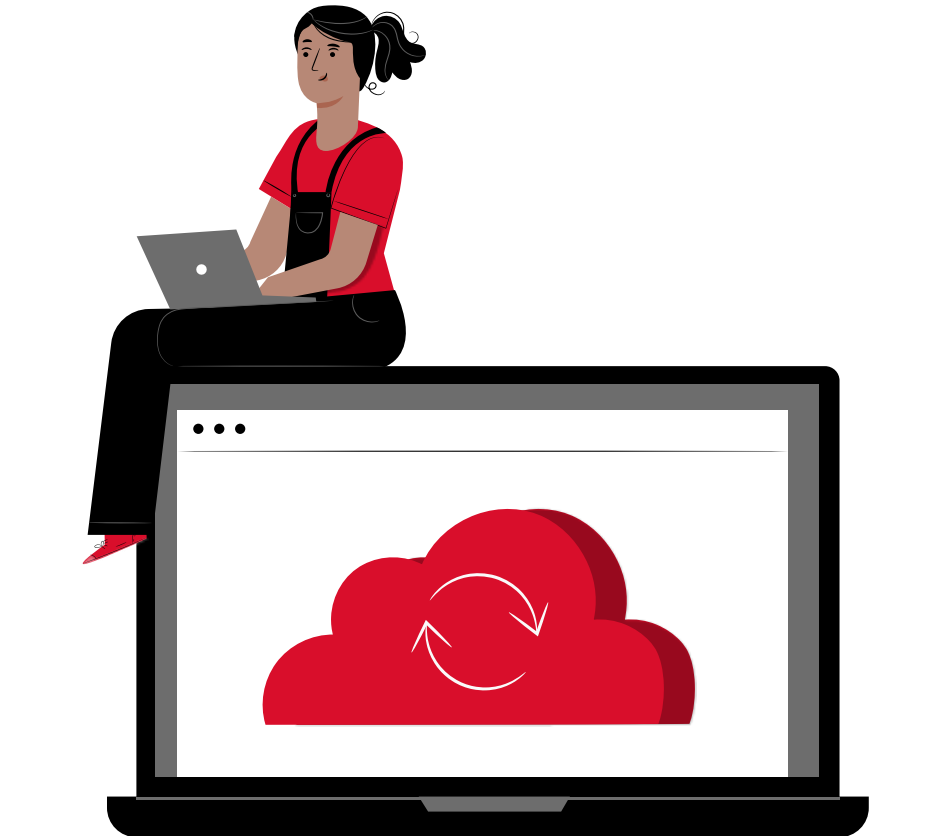
- Create a cloud foundation environment in Azure using a secure zero-trust methodology
- Designed to the standards of your own governance and security policies to safely and securely extend your data centre into the cloud
- Workshop based design to align the configuration to your proposed usage, governance and security standards
- A cloud foundation is the first deployment step you need to take on your journey to building a cloud platform and application modernisation



- Supports hybrid cloud and remote site connectivity
- Aligns to the Azure cloud adoption framework and well architected best practice

Build a Cloud Landing Zone - Objectives

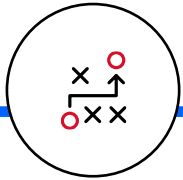
- **Establish a Cloud foundation for Hosting and App Modernisation**
 - Create the foundation for a future cloud migration
 - Align to organization needs
 - Create policies to control Cloud usage
 - Adopt infrastructure as code DevOps practices
- **Create a Hybrid Cloud Operating Environment**
 - Extend your data centre into the Azure Cloud
 - Establish a set of cloud shared services
 - Adopt Azure ISO27001 and PCI blueprints
- **Gather data for further Landing Zone activities**
 - Identify requirements for future Application Zone(s)
 - Identify new technology workstreams (security and app)



Build a Cloud Landing Zone - Example Proposal

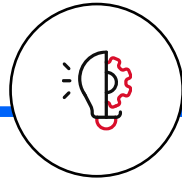
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Scope of work over 8 weeks



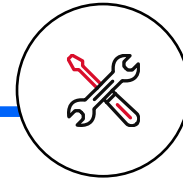
Define Strategy

- ✓ Establish current and future landing zone use cases
- ✓ Review Organisation governance and security policies



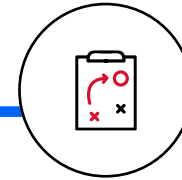
Architect Solution

- ✓ Conduct design workshops (typically 3 – 5 total)
- ✓ Create Landing Zone design



Build Landing Zone

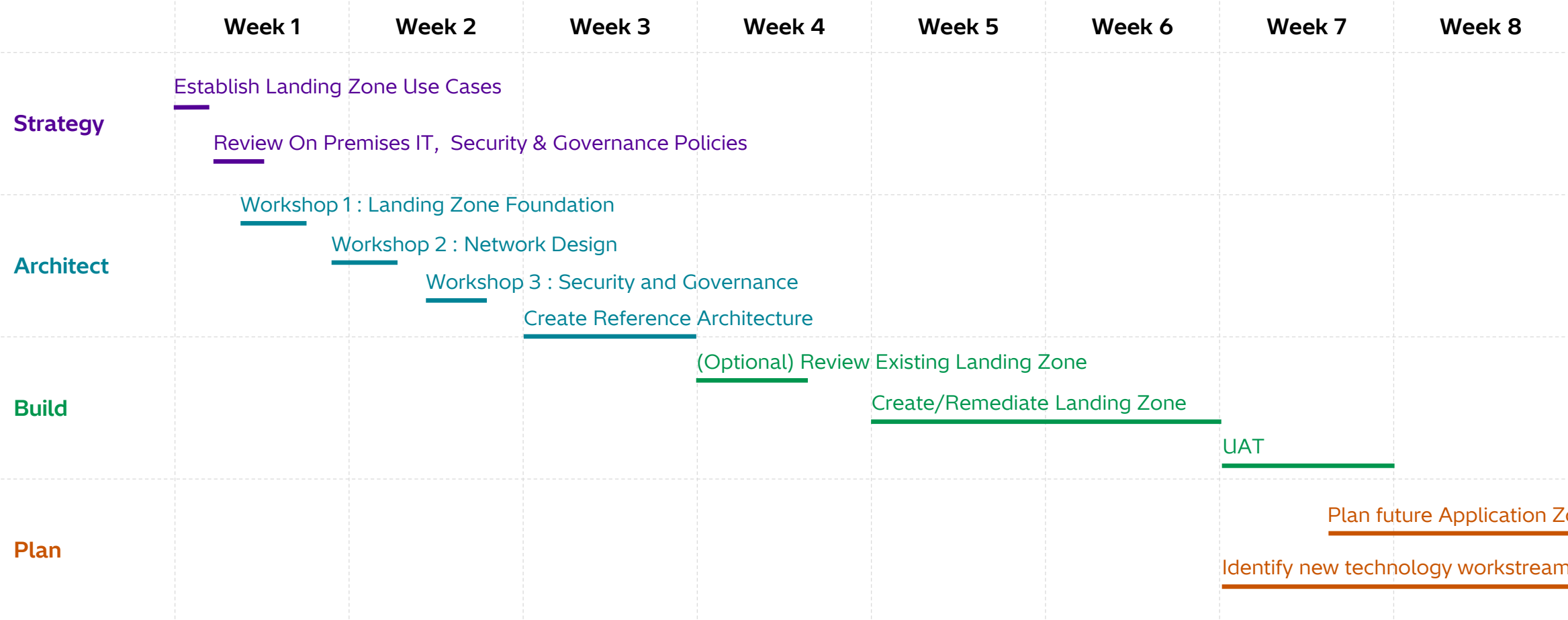
- ✓ Build Landing Zone using Infrastructure as Code (IaC)
- ✓ Test Landing Zone features with customer



Plan Future

- ✓ Plan future application zone workstreams
- ✓ Identify additional technology workstreams

Example Timeline for the Project



Azure landing zone reference pattern (example)

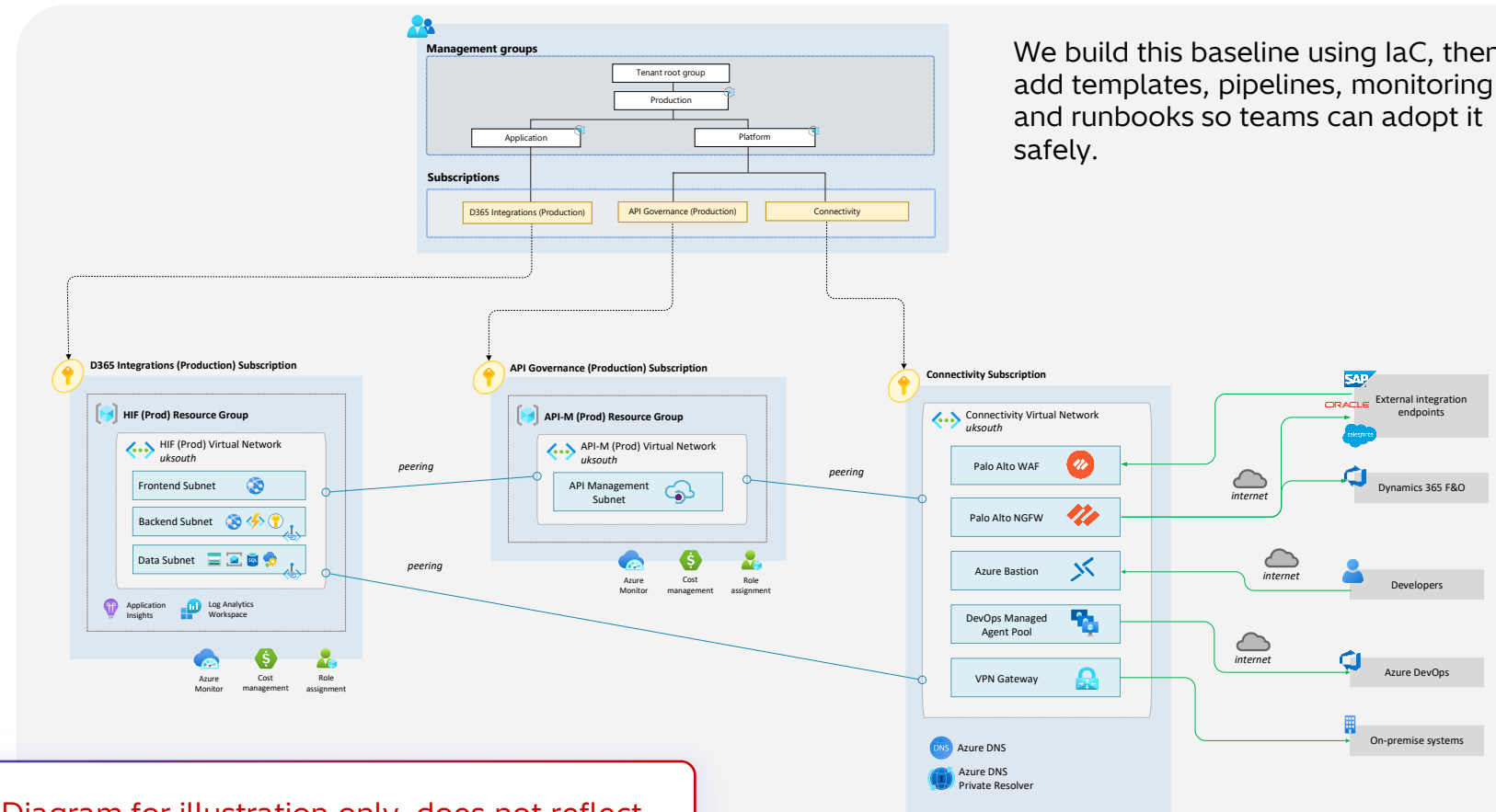
An illustrative baseline showing how we standardise governance, identity, networking and shared services.

Teams lose time when every project rebuilds Azure foundations from scratch.

This reference pattern shows the baseline we put in place so teams can start delivery quickly, with consistent guardrails and shared services.

We tailor the final design to your security, network and operating model constraints (where required).

The goal stays the same: repeatable environments, clear ownership, and an evidence-friendly configuration for assurance and audit.



We build this baseline using IaC, then add templates, pipelines, monitoring and runbooks so teams can adopt it safely.



Diagram for illustration only, does not reflect any legitimate design to be progressed.

Network Topology

How we build the network architecture

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Design: Hub-spoke network | IP plan | routing | DNS model

Secure connectivity: Private Endpoints + Private DNS | controlled ingress/egress

Guardrails: RBAC + Entra ID/Conditional Access | Azure Policy (where required)

Build (IaC): Landing zone via Bicep/Terraform | reusable modules/templates

Automate: CI/CD pipelines (Azure DevOps/GitHub) | self-service environment provisioning

Operate: Azure Monitor + Log Analytics | SRE runbooks + platform backlog

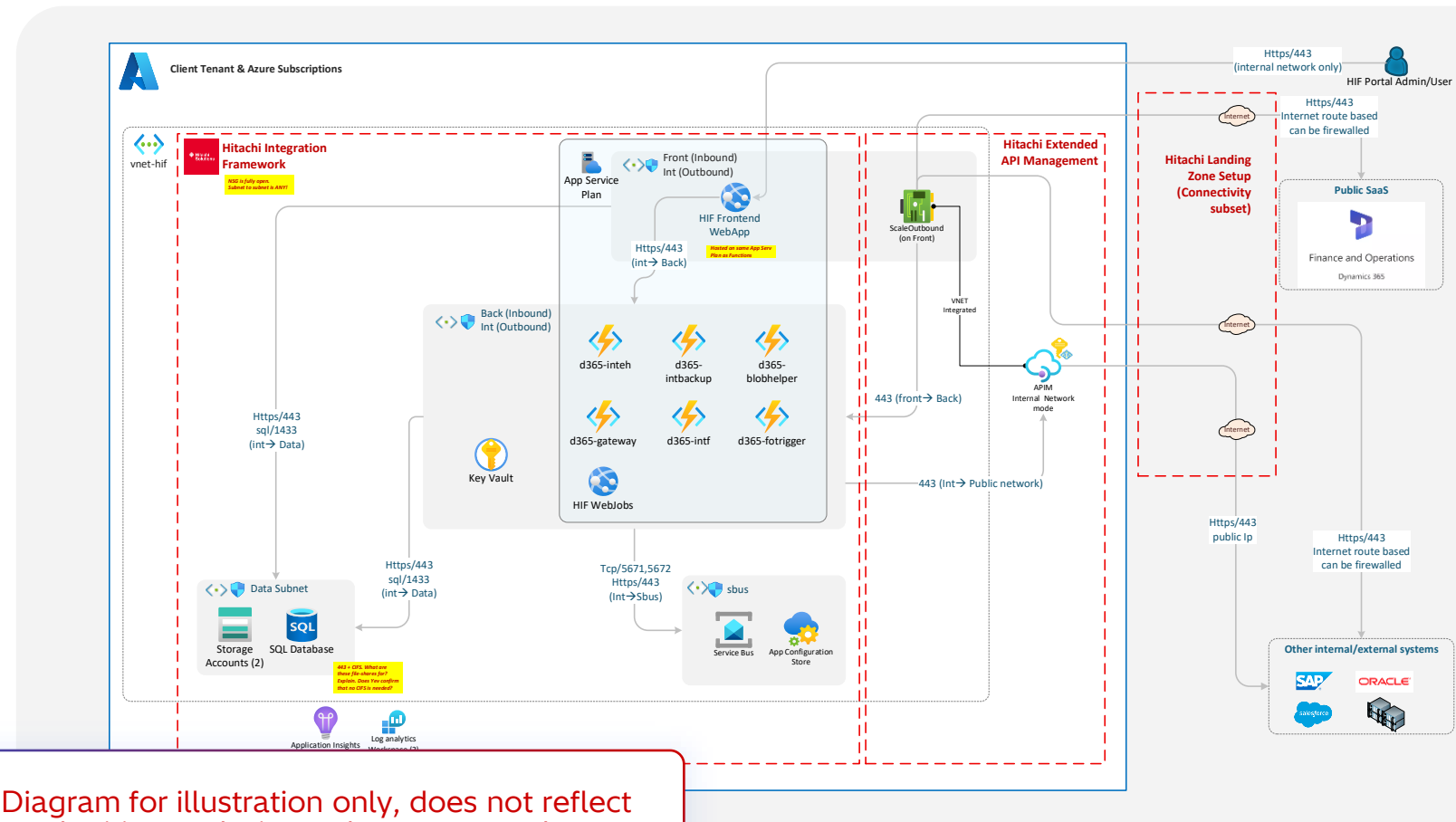


Diagram for illustration only, does not reflect any legitimate design to be progressed.

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 on the right side of 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

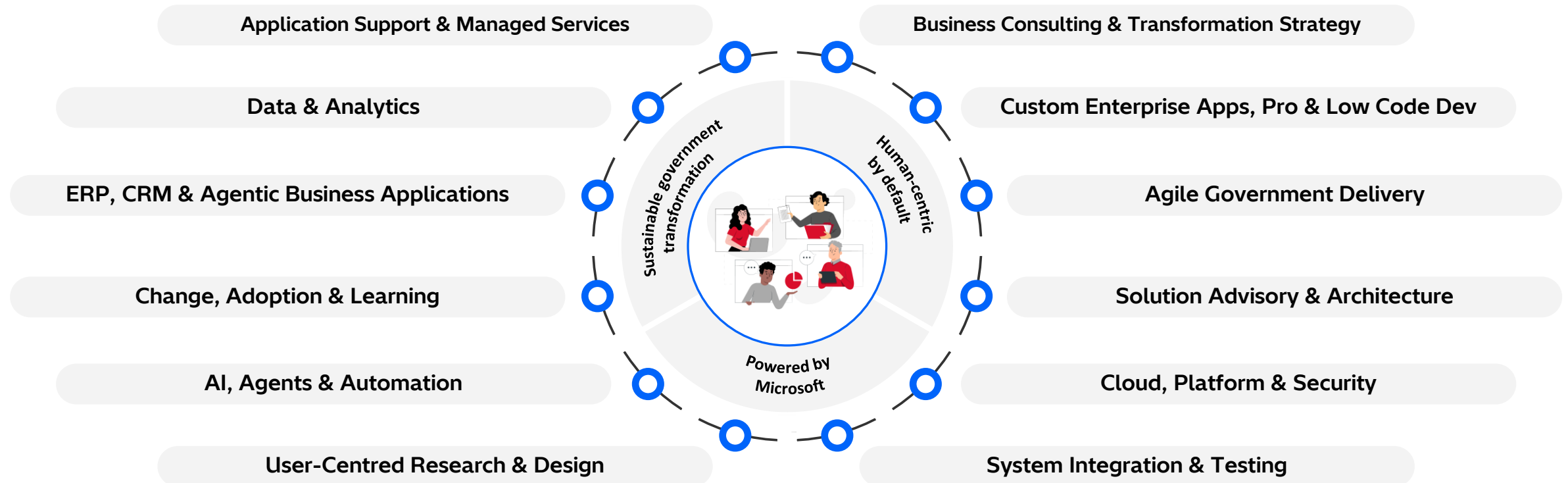
ISO-certified across Quality, Environment, Service,
Business Continuity, Information Security, and
Privacy Management

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

Our Services and Expertise

HITACHI

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



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Fearann Alba

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