



HITACHI

Hitachi Solutions Europe

G-Cloud 15 Service Definition Document

Migrate .NET Applications to Azure

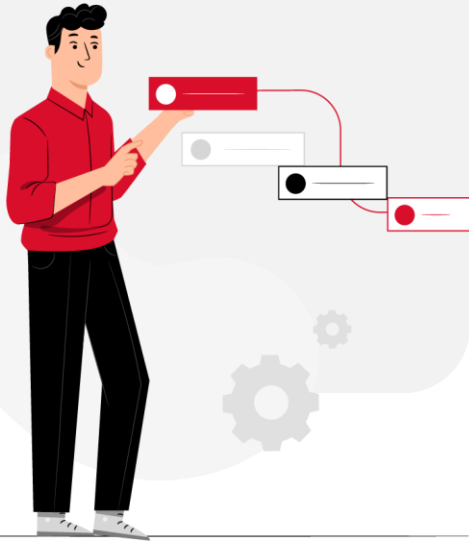
Migrate .NET Applications to Azure

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

HITACHI

Service Description

Plan and deliver secure migration of existing .NET applications to Azure. We assess your application catalogue, define migration patterns, design an Azure landing zone, and migrate, validate and cut over selected workloads. Includes DevOps pipelines, security controls, and performance testing, plus a roadmap and business case for wider migration.



Service Features

- Assess application catalogue and choose a migration proof of concept
- Define migration patterns: rehost, replatform, refactor, replace
- Create reference architecture for Azure app hosting and data
- Design and build Azure landing zone for migrated applications
- Set up environments and DevOps pipelines for repeatable releases
- Migrate .NET apps to Azure App Service or AKS
- Migrate application data to Azure SQL services where needed
- Validate with performance, security, resilience, and functional testing
- Plan cutover and rollback; manage live transition safely
- Hypercare, monitoring, optimisation, documentation, and operational handover



Service Benefits

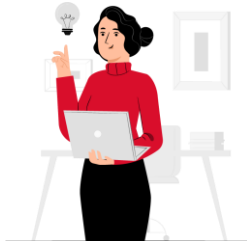
- Faster time to value with reusable Azure patterns and tooling
- Fewer release delays through DevOps pipelines and automated testing
- Retain .NET investment while modernising hosting and runtime
- Improved governance and security through standardised landing zones
- Better performance and availability using Azure platform services
- Reduced operational overhead by removing server patching and upkeep
- Lower migration risk through dependency assessment and wave planning
- Minimal downtime with rehearsed cutover, rollback, and go-live
- Clear business case and roadmap for the next 12 months
- Stronger in-house capability through documentation, coaching, and handover



Migrate .NET Applications to Azure

HITACHI

Migrate existing .NET applications to Azure safely and repeatably



What this service is for

From uncertain migration to a clear, testable path to live

Teams often need to move legacy and line-of-business .NET applications off ageing hosting, but get stuck on unclear patterns, inconsistent environments, and risk around cutover. This service gives you a practical route to migrate selected apps to Azure with the right landing zone, pipelines and controls in place.

We focus on making migration decisions explicit and evidence-led: what to move first, how to migrate each app (rehost, replatform, refactor, replace), and what “done” means for testing, security and operational readiness.

Key outcomes: Prioritised migration plan | Azure-ready app patterns | Safer cutover | Repeatable delivery pipelines | Evidence for assurance



Why this service is useful

A migration approach that supports governance and day-to-day delivery

Cloud migrations fail when teams treat them as one big move, or when security, testing and operations are left to the end. This service reduces rework by setting up the foundations early (landing zone, DevOps pipelines, validation approach) and migrating with clear acceptance criteria and measurable outcomes.

You get a working migration pathway you can reuse, plus a roadmap and business case to scale beyond the first set of applications. This supports value for money decisions and makes progress visible to delivery and assurance stakeholders.

Common triggers: Data centre exit | End-of-support platforms | Slow releases | Security and audit gaps | Cost pressure | Reliability issues



Why this service is different

Decision-led delivery with evidence you can reuse

We keep delivery simple and accountable: clear decisions on migration options per application, recorded trade-offs, and acceptance criteria that link directly to testing and operational readiness. This avoids “big bang” surprises and supports internal governance, assurance reviews and audit trails.

We also focus on repeatability. Rather than a one-off migration, we establish patterns for landing zones, pipelines, environments and validation so teams can migrate additional apps faster and with less risk, using the same evidence-based approach.

Differentiators: Decision logs | Reusable Azure patterns | Test evidence pack | Operational readiness built-in | Governance touchpoints

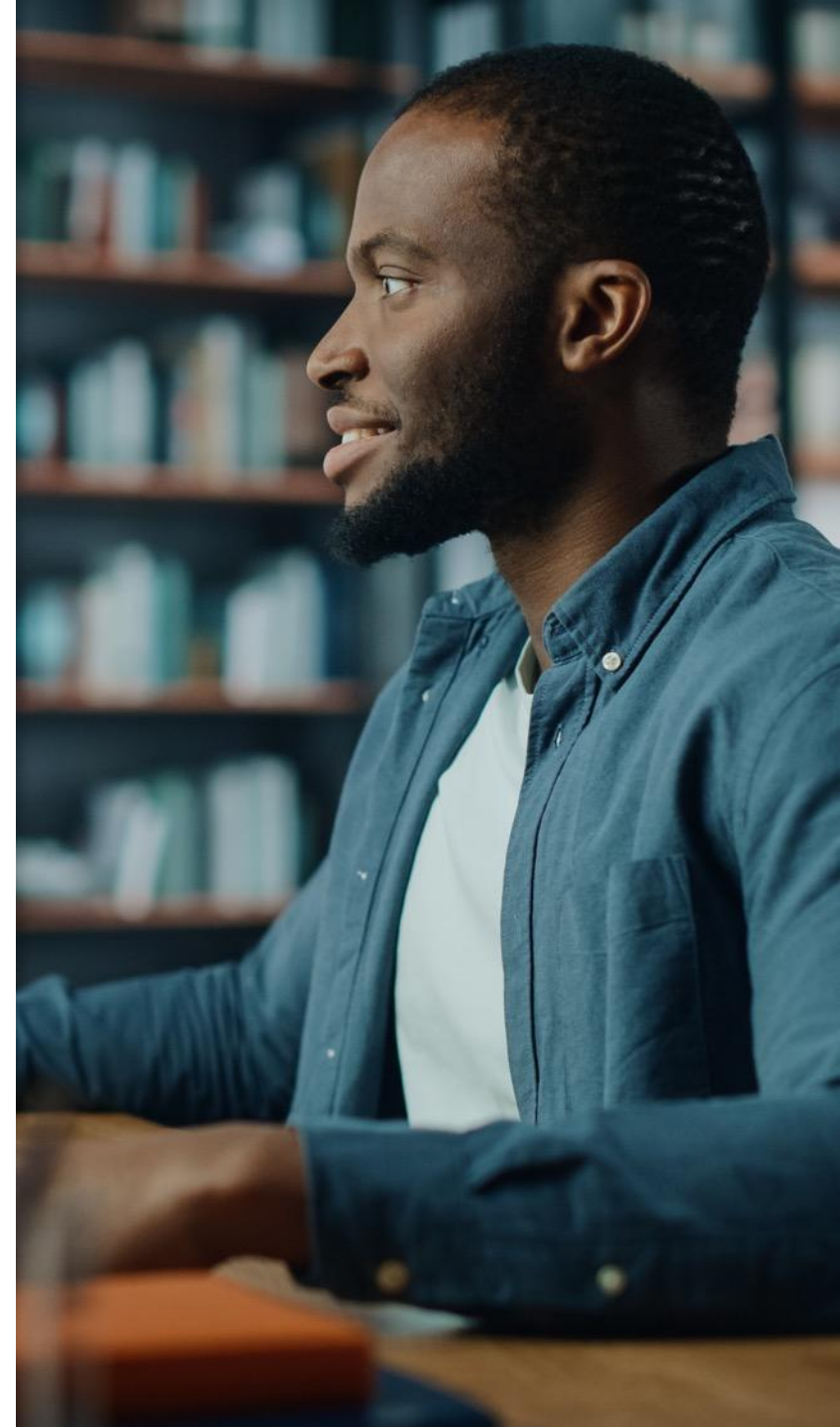
Hitachi Solutions: Azure Modern Applications

Hitachi modern application solutions accelerate your digital transformation journey by demonstrating how to migrate your existing .Net applications to the Azure Cloud.

Our consultants will review your application catalogue, define migration patterns and demonstrate to your team how to successfully migrate an application to Azure.

Coupled with Azure cloud technologies such as elastic scaling, region level resilience and DevOps pipelines we can create always-on highly resilient and scalable applications.

Key Components: **Azure DevOps, Application Insights, Azure Monitor, App Service, AKS, Visual Studio, SQL Server.**



Value from Azure Cloud: Modern Application Benefits

HITACHI



Fast time to value



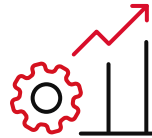
Speed up release schedules
and automate testing



Review and Refactor
existing applications



Improve application
governance &
security



Improve performance
and availability



Innovate with new
Cloud
Technologies

Our Goals: Deliver flexible and scalable cloud applications

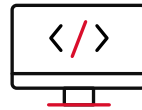
HITACHI



Align technology with business strategy

We ensure to understand the short term and strategic goals for your business & determine what success looks like.

Next, we develop a roadmap to align the technology with this vision, planning the overall delivery to manage expectations and set deadlines.



Retain existing code and application investment

Where applications will be retained Hitachi can refactor and migrate the application to Azure on a feature parity basis.

Applications can be decoupled over time into Microservices to speed up release cycles and reduce the impact of low quality releases.



Create new applications and innovate

When applications will be replaced or re-architected Hitachi will create new applications based on cloud native technologies.

Where possible AI and Automation will be used to streamline business processes and reduce operational cost.

Open source and Open Standards will be used wherever possible.

Why Hitachi: Experienced, Rapid, Controlled Delivery

HITACHI

Governance

- Using Hitachi's Consensus methodology to control implementation risk
- Established & proven agile processes that deliver results quickly

Experience

- We have delivered many successful implementations in multiple industry sectors
- We have extensive expertise working with Azure, Modern Data, Power Platform, Dynamics 365, and other ERP platforms

Adapt & Extend

- Integrates with existing systems & supports future LoB applications
- Provides future support for modernisation projects (cloud native, low code and data)



Technology Framework

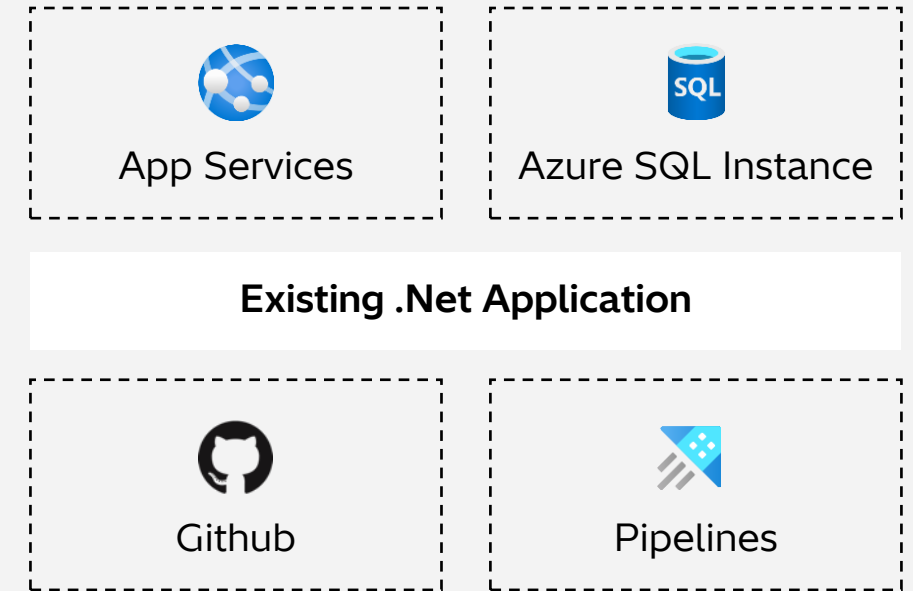
- Deployment of Azure using Infrastructure as Code and DevOps pipelines for faster release management
- Use AppService and Azure Kubernetes Services for deploying applications as a PaaS service to reduce operational maintenance

Continuous Investment

- Aligned to Microsoft's roadmap, we continually invest in our skills and tooling to adapt to changing technology and to add enhancements
- Open IP – there's no lock in & you always maintain administrative credentials

Our Solution: Migrate .Net Applications to the Cloud

- ✓ Migrate your .Net Applications to the Azure cloud to maintain existing applications and vendor support as part of your cloud journey
- ✓ Maintain your existing investments and minimise your cloud migration costs with our repeatable and proven approach
- ✓ Reduce your application operational cost by using Azure PaaS services and remove the need for regular server and application management and patching



- Extend the life of your .Net application by moving it to Azure
- Release the burden of maintaining underlying servers and network infrastructure



.Net Application Migration POC—

Objectives & Proposal

.Net Application Migration POC - Objectives

- ✓ **Establish a framework for Migrating applications**
 - Template and benchmark App Modernisation
 - Adopt a reusable set of services.
 - Create an Azure Architecture pattern
 - Streamlined / Quick / cheaper
- ✓ **Conduct a POC for a selected web app**
 - Validate the app migration framework with the selected POC
- ✓ **Gather data for further migration activities**
 - Refine Solution catalogue
 - Estimate
 - Identify business drivers / Business Case accordingly



.Net Application Migration POC - Selection of Application

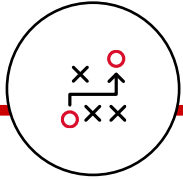


- ✓ Selection of non-critical medium sized web app to be migrated as a POC.
- ✓ Selection criteria are to:
 - **Validate the Azure Landing Zone**
 - **Validate the Migration framework** to showcase that the framework works and that the proposed outcomes are obtained.
 - **Validate the App hosting / Web architecture** to demonstrate that all Azure resources are functionally working to provide parity with current on-premises application
 - **Demonstrate Azure DevOps Pipelines and Release Management** to increase speed of change and reduce future maintenance overhead.

.Net Application Migration POC - Example Proposal

HITACHI

Scope of work over 8 weeks



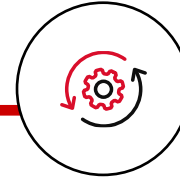
Define Strategy

- ✓ Review application catalogue and common design patterns
- ✓ Define app migration and future architecture patterns
- ✓ Identify common services & how to reduce cost
- ✓ Template and benchmark App modernisation



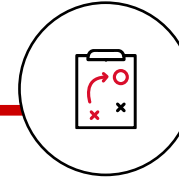
Create Foundation

- ✓ Create a reference architecture
- ✓ Build an application Landing Zone



Execute POC

- ✓ Update and repackage selected application

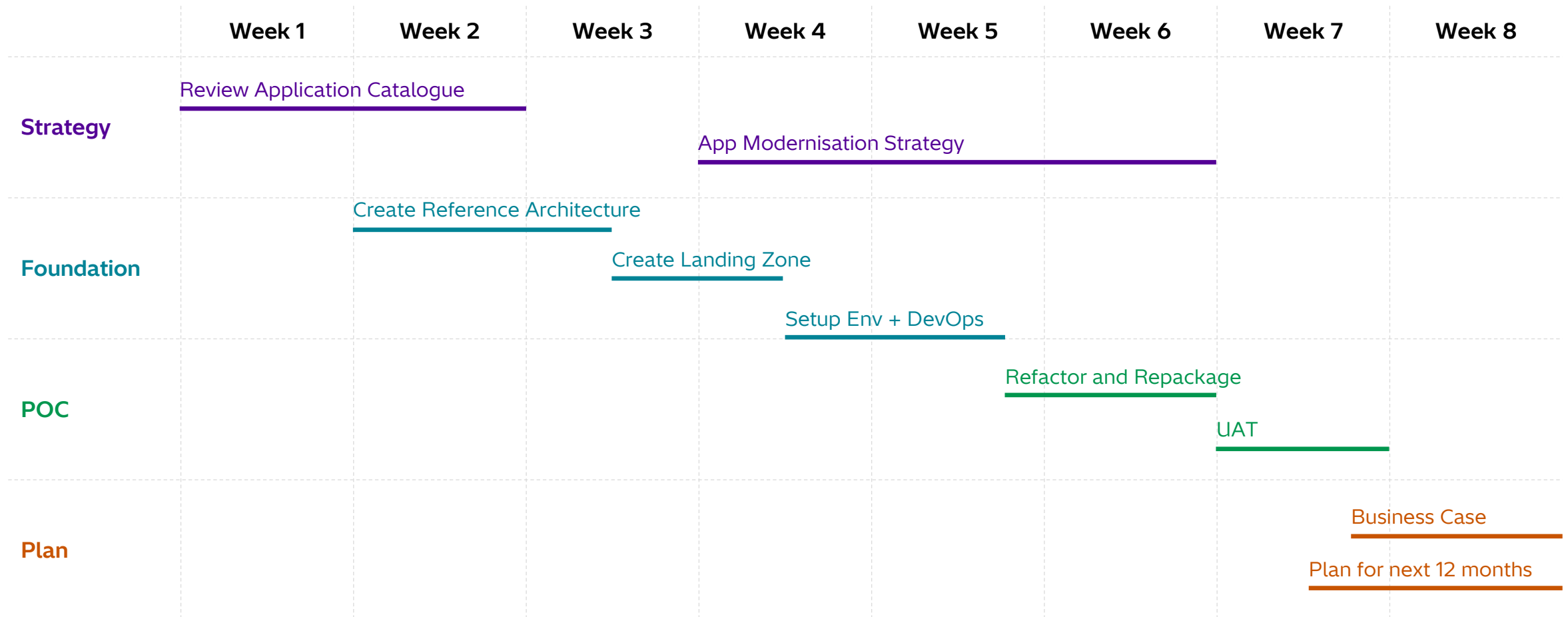


Plan Future

- ✓ Refine solution catalogue
- ✓ Estimate Azure costs
- ✓ Build business case for further migration activities

.Net Application Migration POC - Example Timeline

HITACHI



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 in front of the building. The overall image has a muted, greyish tint.

HITACHI

Hitachi Solutions Europe

UK Government Overview

Hitachi Solutions for the UK Government

HITACHI

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

HITACHI

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

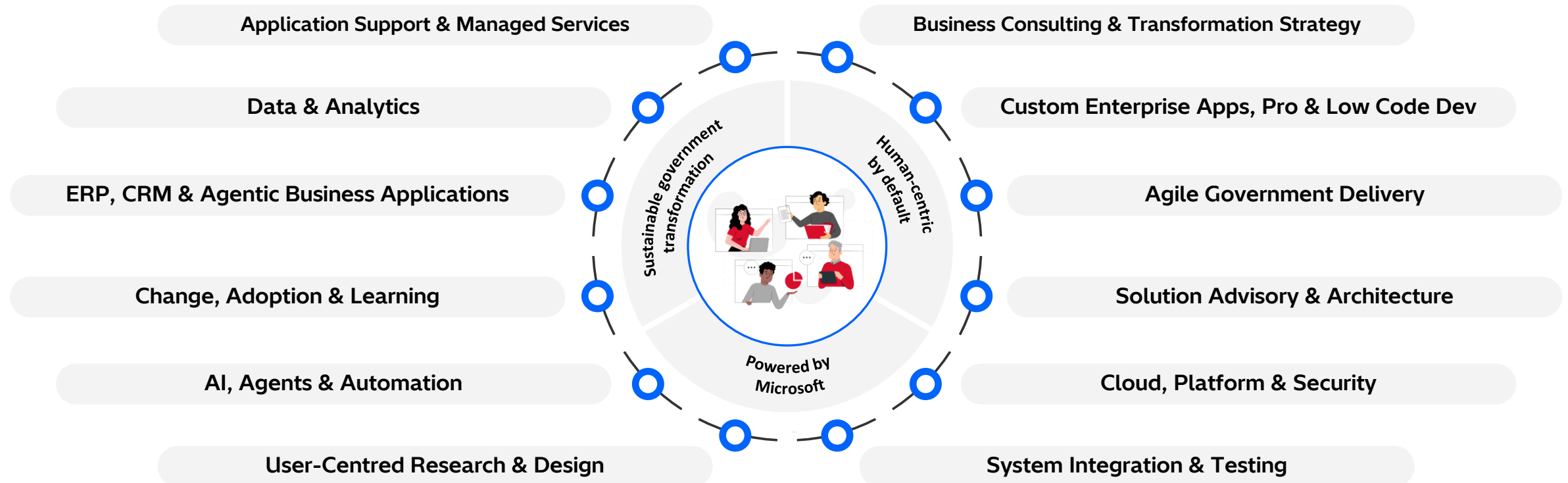
ISO-certified across Quality, Environment, Service,
Business Continuity, Information Security, and
Privacy Management

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



"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



Contact Us

UK

110 Bishopsgate,
23rd floor

EC2N 4AY London

enquiries@hitachisolutions.com

+44 (0)204 526 8510



hitachi-solutions.co.uk



[hitachi-solutions-europe](#)