



HITACHI

Hitachi Solutions Europe

G-Cloud 15 Service Definition Document

Fabric Foundations

Fabric Foundations

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

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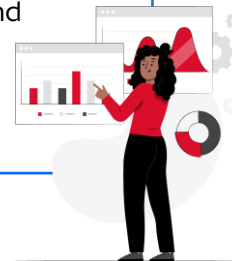
Service Description

Prepare data in Microsoft Fabric for artificial intelligence use cases. We assess data quality, access, sensitivity and lineage, then implement governance, cataloguing and preparation pipelines. Outputs include curated datasets, documentation, and controls for secure, reliable model training, retrieval augmented generation, and analytics.



Service Features

- Data readiness assessment for Fabric and artificial intelligence.
- Data profiling, quality rules and improvement backlog.
- Sensitivity classification and information protection configuration.
- Access controls, least privilege permissions and secure sharing.
- Data lineage and catalogue setup using Microsoft Purview.
- Curated lakehouse datasets for training and search use.
- Feature store or curated tables for machine learning.
- Data pipelines for extract, transform and load preparation.
- Prompt and grounding data design for agents.
- Governance playbooks, stewardship roles and adoption training.



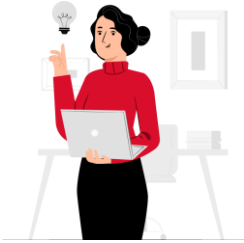
Service Benefits

- Improve model accuracy with cleaner, consistent training data.
- Reduce oversharing risk through permissions and classification.
- Speed up delivery with reusable datasets and pipelines.
- Increase trust with documented lineage and data definitions.
- Support compliance with auditable controls and evidence packs.
- Enable safer agents with approved grounding sources.
- Reduce rework by addressing data issues early.
- Improve collaboration using a searchable data catalogue.
- Optimise Fabric performance with curated, well-modelled datasets.
- Build internal capability through playbooks and coaching.



Fabric Foundations

Make Fabric data safe and usable for AI outcomes



What this service is for

Turn messy, risky data into trusted AI-ready data products

Teams often want to prove AI value quickly, but hit the same blockers: unclear data ownership, inconsistent definitions, access sprawl, and limited confidence in what data is safe to use. This creates delays, rework, and risk when moving from ideas to pilots.

This service prepares your data in Microsoft Fabric for AI use cases by establishing what data you have, what shape it is in, who should access it, and what must be protected. We then put in place the practical controls, cataloguing and preparation needed for reliable analytics, model training and grounded AI use.

Key outcomes: AI-ready data in Fabric | Safer access and sharing | Reusable preparation pipelines | Trusted definitions and lineage | Reduced risk for AI pilots



Why this service is useful

Fix data foundations early so pilots do not stall

AI and advanced analytics amplify data issues fast. If quality rules, sensitivity, and access controls are not agreed up front, you risk oversharing, inconsistent outputs, and stalled delivery when teams cannot trust the data or explain it to governance and assurance.

This service helps you move faster with confidence by making data easier to find, safer to use, and clearer to evidence. It reduces wasted effort by turning “we think this data exists” into known, documented, governed datasets that teams can reuse across use cases, rather than rebuilding pipelines and definitions each time.

Common triggers: Starting RAG or agent pilots | Data quality concerns surfacing late | Unclear permissions and sharing | Audit or assurance pressure | Multiple teams using different definitions | Scaling Fabric use beyond one team



Why this service is different

Decision-led, evidence-first, and built to scale reuse

We focus on making the minimum set of data products and controls that unlock delivery, then iterate. That keeps progress visible and decisions explicit, without creating heavyweight governance that slows teams down. We keep a clear thread from data source to dataset to use case, so you can explain what was used, why, and under what controls.

Our approach is assurance-friendly by default: we structure outputs so they can be reviewed, repeated, and handed over. Where required, we maintain simple decision logs and acceptance criteria so you can evidence choices around data quality, access, sensitivity and lineage.

Differentiators: Evidence you can show | Least-privilege by default | Reusable data products, not one-off fixes | Clear lineage and definitions | Practical governance that teams will follow

Hitachi Solutions: Fabric Foundations

Microsoft Fabric brings data ingestion, engineering, warehousing, real-time analytics and BI into one integrated SaaS platform, built on **OneLake**.

Hitachi Solutions helps you establish strong **Fabric foundations** so you can deliver trusted analytics quickly and scale safely. We align **priority use cases**, set up the right **platform patterns and governance**, and **build an initial set of production-ready data products** to prove value.

Our team works with you to:

- define the outcomes, measures and data needs for each use case
- implement secure, repeatable patterns for ingestion, modelling and reporting
- enable your teams with operating model, controls and hands-on coaching



What makes Fabric different?

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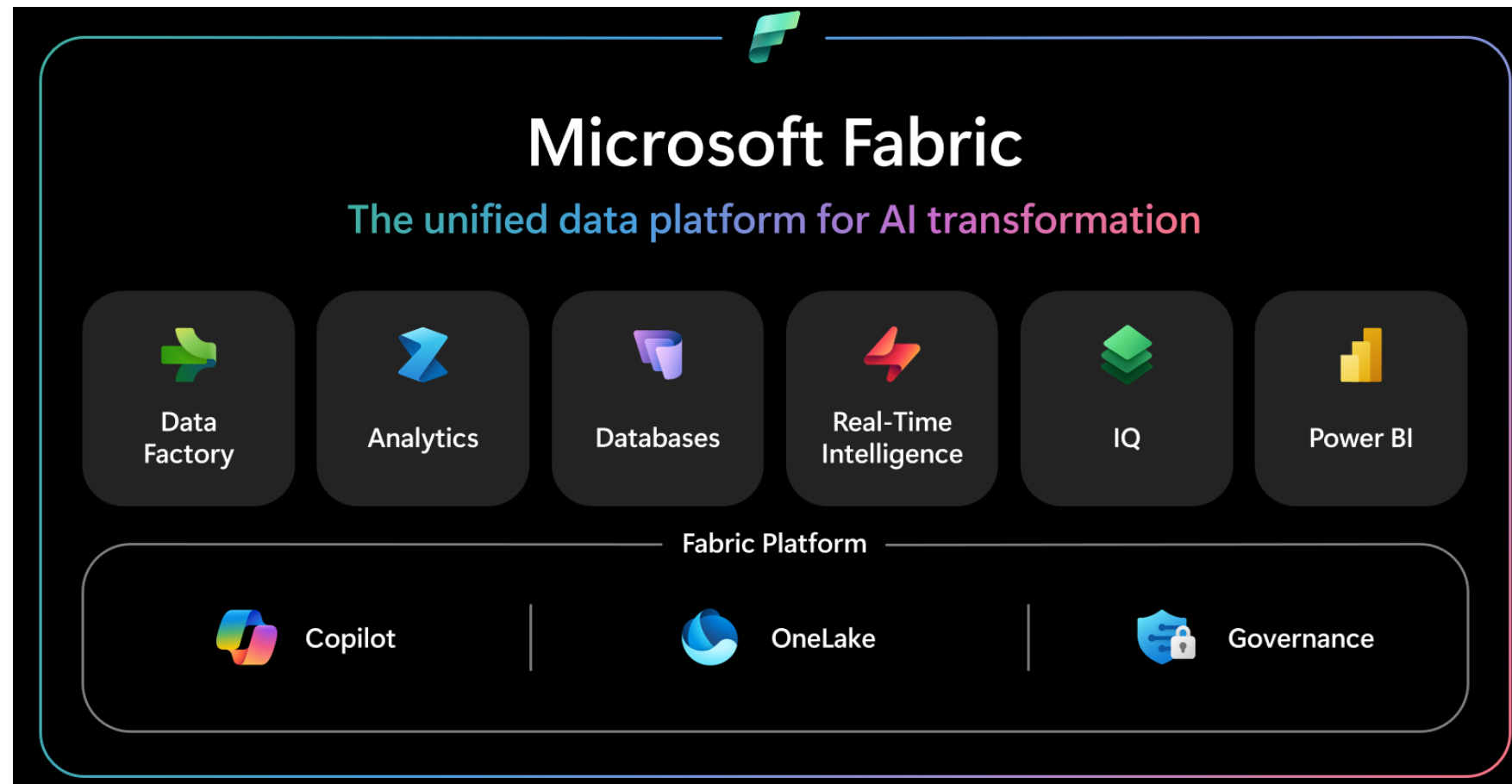
OneLake: single, shared data foundation for the whole platform

Shortcuts: reference data in-place to reduce duplication and refresh overhead

Unified experiences: build end-to-end (ingest → engineer → warehouse → BI → real-time) in one SaaS

Copilot in Fabric: accelerate engineering, analysis and model development with governed assistance

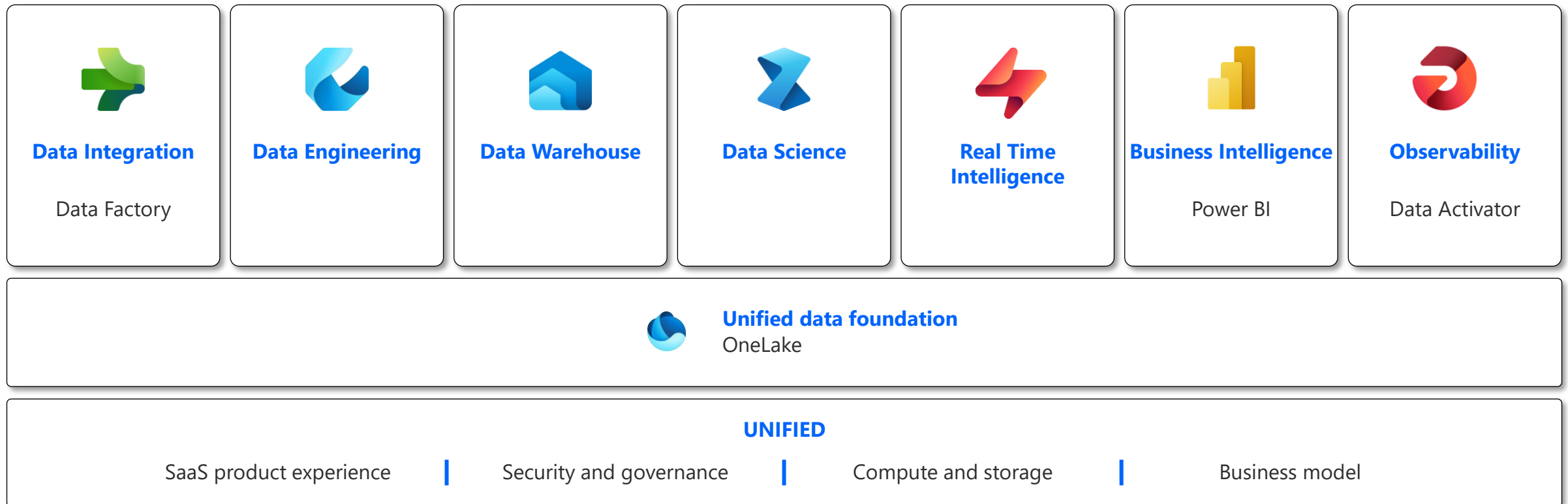
Common storage. Common governance.
Multiple experiences.



Microsoft Fabric does it all – in a unified solution

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An end-to-end analytics platform that brings together all the data and analytics tools that organisations need to go from the data lake to the business user



Why you should be interested in Microsoft Fabric?

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1. **Ease of use** - integrates proven data technologies in a single unified interface
2. **Simplified data access** – data available in one location without needing to copy it from the source
3. **Improved data management and governance** – all data available in OneLake managed through workspaces (like folders in OneDrive) + additional integrated data governance capabilities
4. **Extended data, analytics and AI capabilities** – data science, real-time analytics, and copilot as a natural extension to Power BI
5. **Multi-cloud data platform** – no need to migrate all workloads or data to Fabric

What does this enable?

- ▶▶ Faster time-to-market for **Analytics Prototypes / POCs**. More time to focus on the business use case
- ▶▶ SaaS offering makes **adoption of analytics** use cases easier. More accessible for a wider audience
- ▶▶ **Migrate to Power BI** (from Qlik, Tableau, ...) with broader data and analytics capabilities

Fabric Foundations: 3 options

Small - Validate value fast

- ✔ Bring your own data and use case
- ✔ 2 weeks timeboxed activity limited to one simple use case
- ✔ 1-2 data sources, either extracted files or pre-existing Azure data stores
- ✔ 1 dedicated senior analytics consultant

Medium – Build repeatable foundations

- ✔ Bring your own data and use cases
- ✔ 6 weeks timeboxed activity
- ✔ 2-3 well defined use cases from data ingested through to visualisation. We will work with you to define and prioritise these use cases for you
- ✔ 2-3 data sources (files, Azure data stores or compatible 3rd party data stores)
- ✔ 1 dedicated senior analytics consultant
- ✔ 1 analytics architect part-time

Large– Scale a modern analytics platform

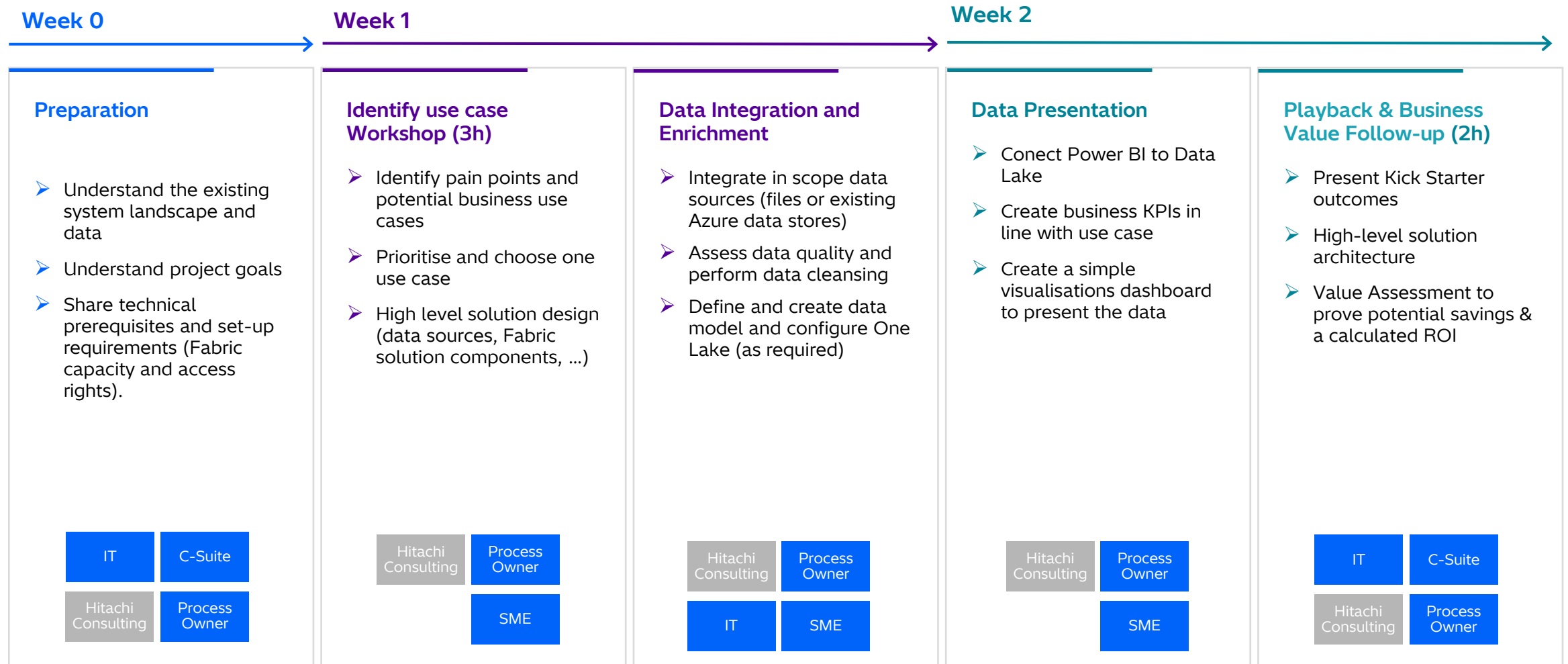
- ✔ Implementation of a modern analytics foundation built on Fabric and adapted to your business needs.
- ✔ Includes the integration of any other Microsoft Azure components needed to meet your analytics requirements.
- ✔ Obtain critical insights into multiple business use cases. We will work with you to identify and prioritise these.
- ✔ Leverage accelerators to drastically reduce time to market and drive value faster
- ✔ Enable your team to own the final solution

Business Benefits

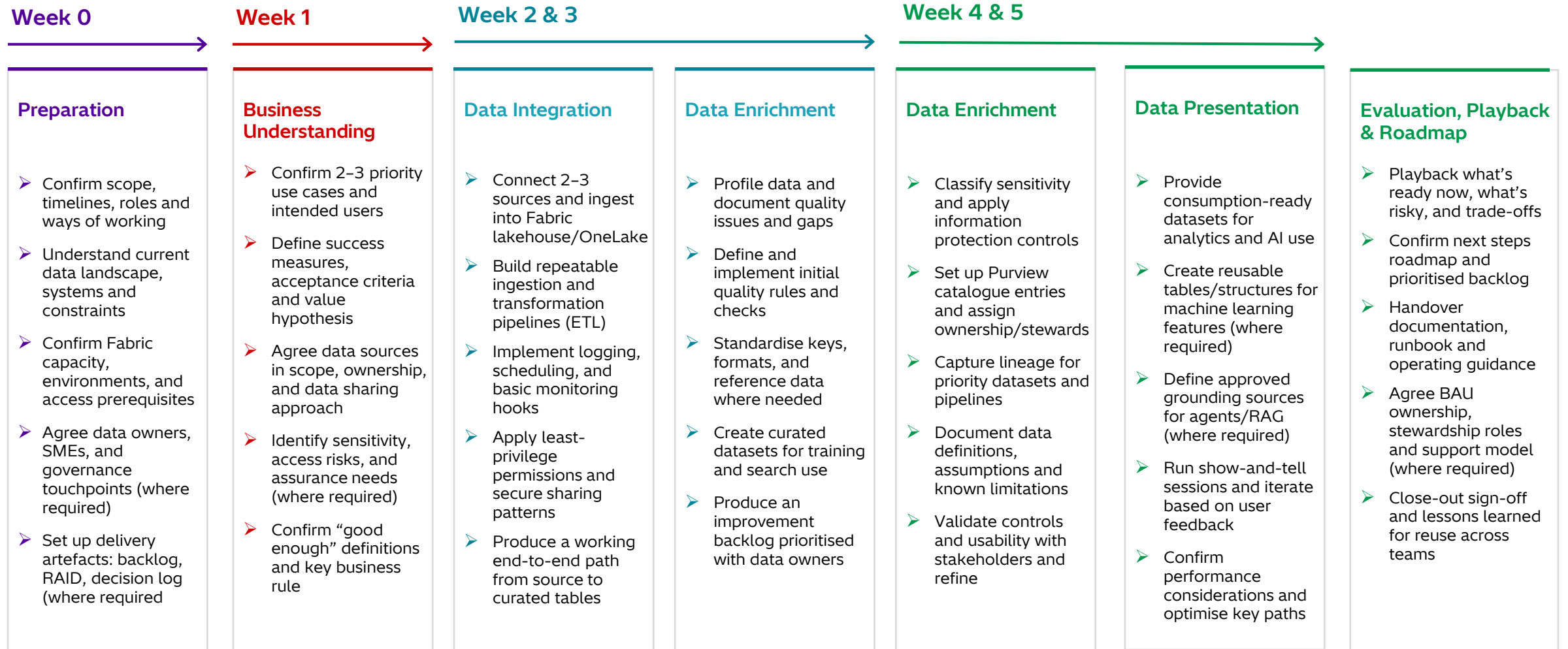
Hitachi Solutions Enablers –

- ✔ Cross-functional Fabric delivery team
- ✔ User-centred outcomes and show-and-tell cadence
- ✔ Data product ownership and stewardship model
- ✔ Evidence-first governance and decision logs (where required)
- ✔ Microsoft Fabric accelerators and reusable patterns
- ✔ Purview catalogue, lineage and data definitions
- ✔ Secure-by-default access and sensitivity controls
- ✔ Multi-cloud connector and hybrid data integration

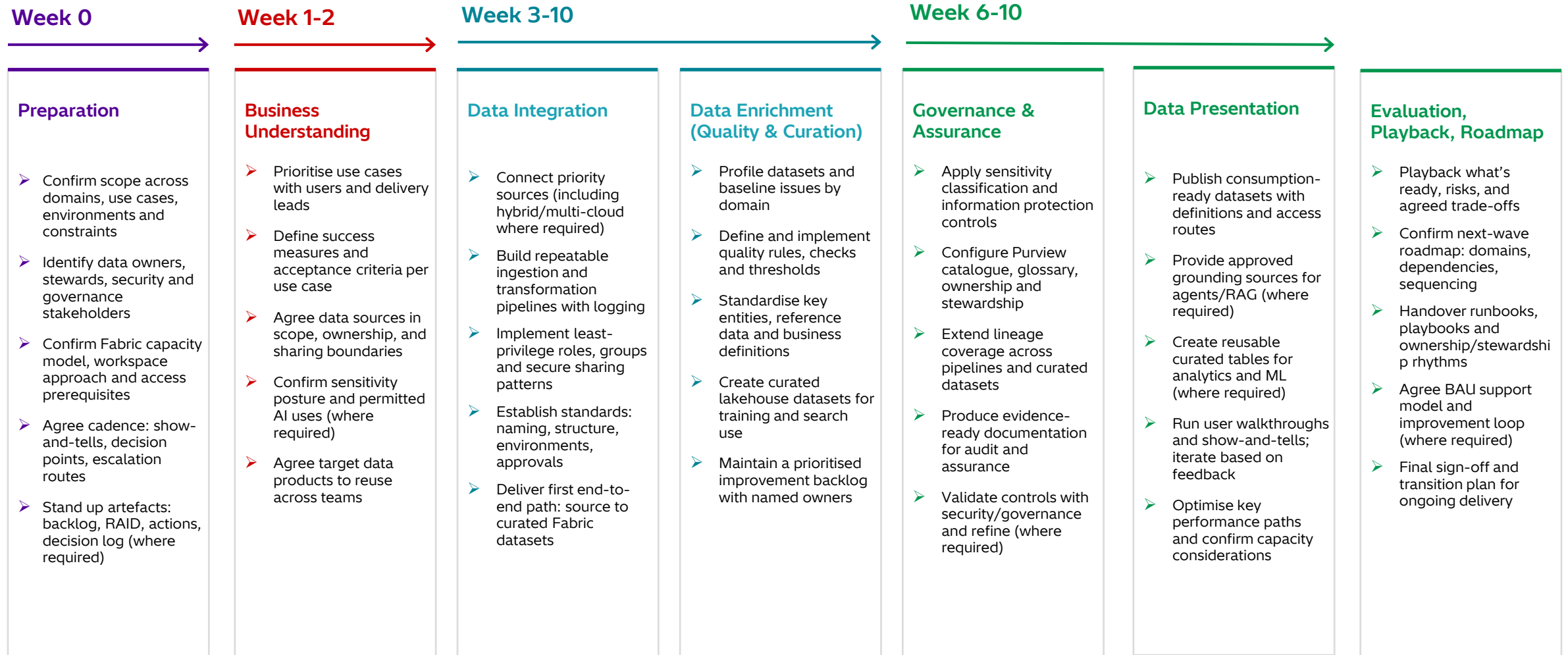
Detailed Approach – Small



Detailed Approach – Medium



Detailed Approach – Large



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

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

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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

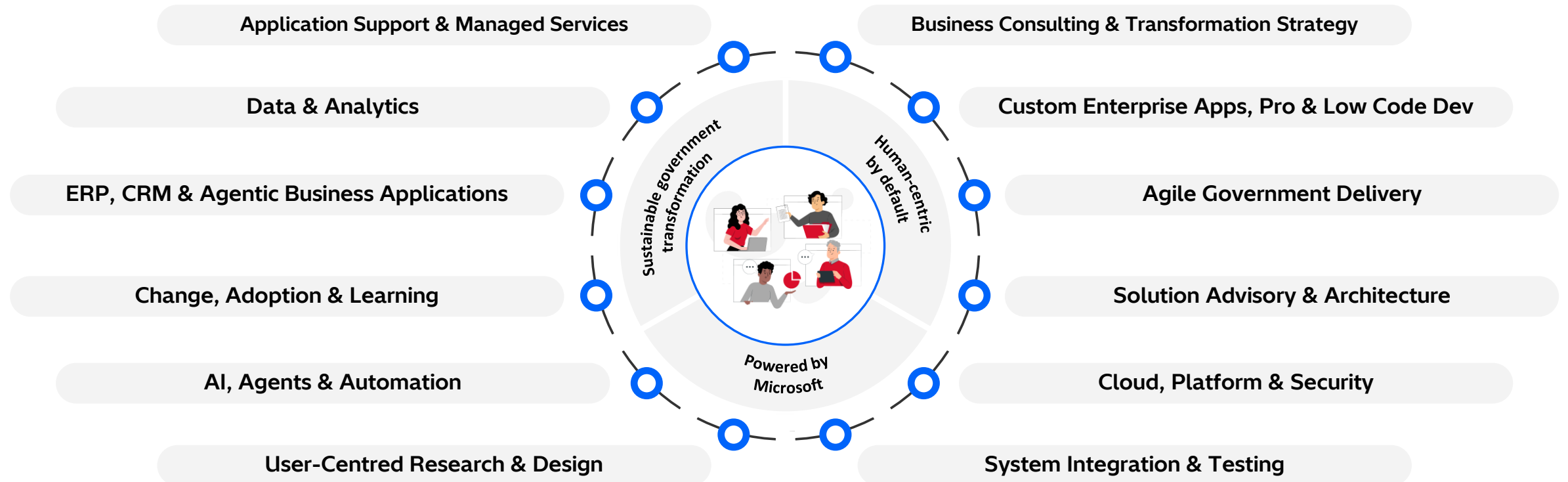
ISO-certified across Quality, Environment, Service,
Business Continuity, Information Security, and
Privacy Management

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



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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