

Legacy Modernisation using Digital UIs

G-Cloud 15





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1 Service Overview

Capgemini's Legacy Modernisation to Oracle Cloud Infrastructure (OCI) service offers advisory and development Services that enables our customers to efficiently modernise and migrate applications to cloud. Our service enables organisations to optimise their applications and make the right decisions at the right time and for the right reasons. Our highly experienced consultants will evaluate your applications and establish a clear strategy and roadmap for migration. There are some critical areas where the Capgemini Legacy Modernisation Service can be of benefit to your organisation:

Enhancing your Ability to Scale

Organisations can be restricted by the performance of legacy services that degrade the user experience as demand increases or need to reduce their technical debt. Modernising this aspect is one of the greatest drivers for change and ensures the user experience you present is consistent and performs well at scale.

Improving Customer Experience

Introducing modern elements to your service is an effective way to empower users and encourage self-service, especially if you wish to reach a wider audience. Modernising with the use of AI services, can highlight new insights to users, reducing repetitive tasks and enabling them to do more. This can be achieved by infusing applications with features such as web-rich dashboards, GenAI services and omni-channel experiences so services can be accessed uniformly across different devices providing a consistent look and feel across web and mobile.

Removing Vendor Dependencies

Your suppliers may currently be instrumental to the provision of critical services to your customers; this could lock you to vendors. Providing a modern uniform application layer breaks this dependency, allowing you to future-proof your enterprise and empower your organisation. This leaves you free to change fundamental aspects of your infrastructure without risk by having a solution that can be deployed and hosted anywhere.

As a company you can decide to replace your legacy system, but this can be daunting, risky and costly. Why not re-use your existing IT investment and unlock your legacy application with a UI layer that can provide a dynamic service that gives you the ability to use features that are on trend and keep your organisation relevant?

2 Business Need

Government departments are increasingly focused on addressing the issues posed by legacy IT and the need to modernise them to keep pace with technological advancements. Initiatives are being undertaken to assess, prioritise, upgrade or replace outdated systems with more modern and efficient solutions. Using a framework such as the **Legacy IT Risk Assessment Framework** departments can easily identify legacy IT assets and classify those that are in urgent need of modernisation. Almost all growing organisations reach the point in their journey where they recognise the need to adapt to remain successful, to thrive and provide an efficient, cost-effective service. Java Applications are often pivotal in providing key functionality across an enterprise estate. There are many thousands of Java applications sitting in on-premises data centres, many with amassed technical debt (unpatched software, older development frameworks, unsupported JVMs etc). Businesses are looking to modernise these applications and their underlying infrastructure to gain the benefits of cloud deployment. An organisation may encounter several indications that change is necessary, such as:

- Uptake of your current system is reaching its limit, impacting system availability
- Security concerns over legacy systems breaching compliance
- On-premises hosting struggles to scale to the demand required
- A change in the direction of your organisation to become more self-service focused and data informed
- Stagnating productivity due to inefficient and disjointed business processes



- Appetite to utilise AI services within application development, deployment and in production
- No appetite in transforming to new applications due to the associated cost and risk.
- A distributed workforce necessitating a move to mobile enablement and AI augmentation

However, the prospect of change can appear too significant a challenge to embark upon; often it is unclear how to start the process of reform. When considering IT systems, it can be difficult to implement meaningful change without service disruption and significant expense.

Rebuilding systems only to replace them with like-for-like services that are merely hosted in a different location can seem like a redundant exercise; however, it is not usually possible to engineer change and usher in new systems without this step.

This is where building an application layer with Capgemini's Legacy Modernisation Service is an effective solution when considering modernisation. The service Capgemini provides is an excellent investment in your IT infrastructure, by adding value to existing services and simultaneously giving you an engaging, modern look and feel to your enterprise.

3 Our Approach

Determining a migration strategy can be a complex journey, influenced by factors such as data sovereignty and security. Our experienced consultants will help you to navigate these complex decisions and choose the most appropriate route for modernisation. Capgemini will initially conduct a thorough assessment of existing applications and present a proposal and detailed plan for migrating these to cloud. This is done using a 6-week consultancy period:



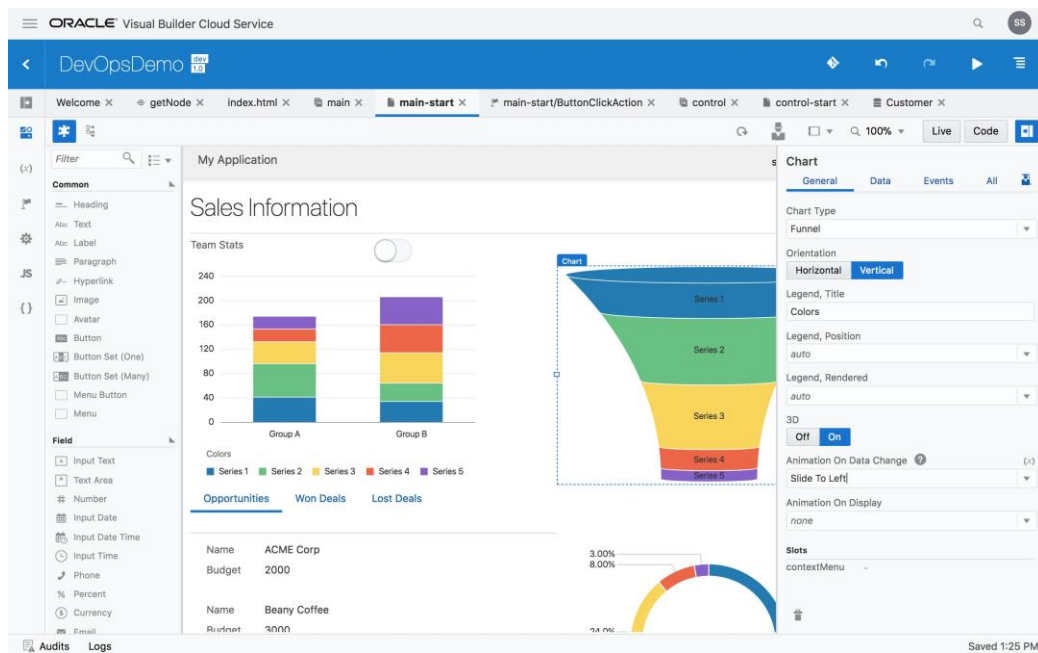
The design methods we employ at Capgemini provide innovative solutions to many common issues usually encountered by organisations trying to reform their ways of working and delivers effective tools that empower their users. Some key features we provide as a service are:

Rapid Development

Oracle JavaScript Extension Toolkit (JET) allows you to produce highly sophisticated interfaces with ease. Due to the lightweight nature of the toolkit, Capgemini can structure the application to utilise pre-existing architecture.



In addition to this, Capgemini can expedite the production of solutions using low code visual” what you see is what you get” (WYSIWYG) development environments. If you need complex re-usable components to be designed Capgemini offers standard templates and pre-written code to be adjusted as per your need with our Oracle JET capability. All these facets to the solutions we provide reduce the lead time for delivery and spend more time to be spent focused on building an excellent user experience as opposed to replicating legacy infrastructure.



Flexible Implementation

Implementation can be split into two offerings: via the traditional method of development or via Visual Builder Cloud Service - a visual cloud offering that can produce the application with much less dependence on expert technical knowledge. Capgemini can work with you to create a design pattern that allows your project to continue development, should you wish, without the requirement for additional consulting services if the requirements for your application change over time.

Tactical Enhancement

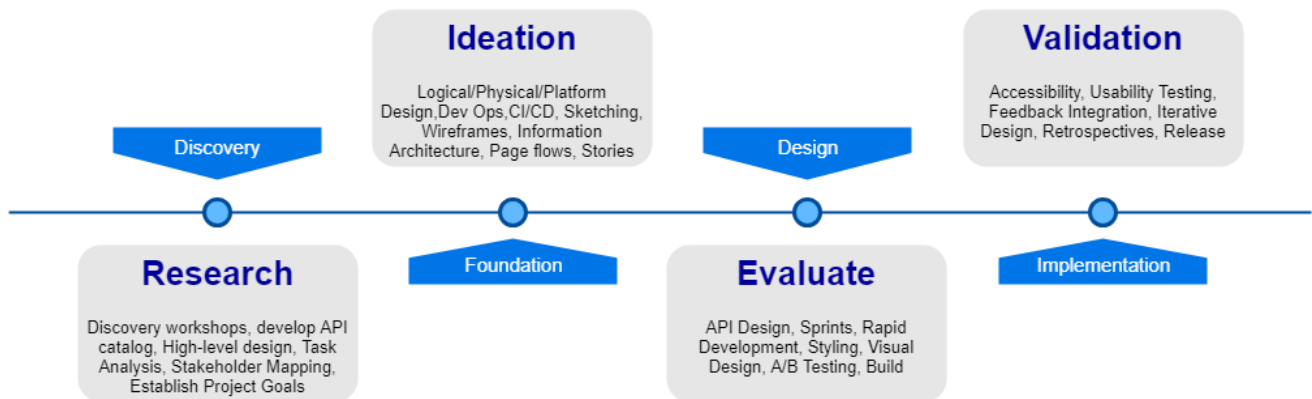
Looking for a tactical solution before taking the leap to cloud? Oracle Application Express (APEX) is another low code development solution which comes free with your existing Oracle Database and can be enabled with the flick of a switch. Running alongside the database, APEX is perfectly placed for unlocking your data, allowing you to quickly build extensive dashboards to inform crucial business decision making. Interactive reports can be created and later personalised by end-users to meet their needs, making it ideal for citizen developers. APEX can also be used as a modern alternative to Oracle Application Framework (OAF) for extending Oracle E-Business Suite providing modern design standards to your legacy ERP system and quickly enhancing your users' experience whilst you plan your move to the cloud.

Consolidated Design

Capgemini recognises that many organisations are always in a process of transition and that various parts of your infrastructure may be more accessible than others. Capgemini's Legacy Modernisation service can provide an ideal application layer that unifies multiple services whether they are On-Prem or cloud hosted. Our service also acts as the perfect conduit for a relaxed approach to cloud migration. Capgemini can take advantage of these features to help you to fuse functionality into a unified presentation that offers the freedom to upgrade your legacy components with reduced disruption to the user experience.



Capgemini believes that providing value for money is important. As such with a small investment our fail fast, learn faster approach will give businesses the quick turn-around and clarity needed to further invest or to choose another approach. Capgemini's approach consists of four-steps:



1. **Research:** A small user research consultancy engagement to conduct discovery workshops and help identify business needs and the scale of the implementation that would best suite your organisation. The outcome can be a strategy and a solution blueprint mapped to the identified needs.
2. **Ideation:** Creation of a foundation framework with standards and core capabilities suitable to deliver a meaningful implementation.
3. **Evaluate:** Delivery using Oracle JET, developing meaningful use cases from inception to production that can demonstrate to the Buyer the business value of implementing legacy modernisation.
4. **Validation:** Begin the stage of piloting the new service using an iterative approach to delivery.

After a successful implementation, the business can decide to scale-out and partner with Capgemini to further deliver value for money.

4 Buyer Responsibilities

Please refer to the Supplier Terms listed with this service on the Platform. These may contain additional Buyer obligations/costs the Buyer is subject to that are not identified anywhere else in the Supplier's Application or on the Platform.

The Buyer responsibilities as part of this service are as follows:

- Provide all reasonably requested resources, stakeholders, information and materials in a timely manner
- The appropriate process experts and subject matter experts to work with Capgemini to agree the design of the solution
- Provide business users to perform user acceptance testing based on the agreed plan
- Procure all necessary software licenses and subscriptions including SaaS, PaaS and IaaS as appropriate ensuring that all environments are adequately provisioned for security and performance to satisfy the Buyer's requirements
- Provide access to existing systems or the data from the existing systems to enable data migration
- Provide Test instances of any 3rd party system that will be required to test inbound or outbound interfaces
- Enable all employees are made available for training as appropriate
- Ensure the Buyers project team is empowered to make the decisions necessary in a quick and timely manner
- Review and sign-off all deliverables in a timely manner based on agreed acceptance criteria.



If these responsibilities do not match your expectations, then please contact us in order that we can explore options to vary our approach.

5 Service Management

Not applicable.

6 Protection of Data

This service is based on a security classification of 'Official', however should you have a requirement for a different security classification that you would like us to consider, please contact us to discuss.

7 On-boarding and Off-boarding

Capgemini shall undertake on-boarding and off-boarding activities agreed within the Order Form (including as a minimum an exit plan in line with the Call-Off Contract terms) which will be charged for in accordance with the Pricing section for this service.

8 Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer is a critical element in the provision of G Cloud services to public sector clients. Where possible and applicable, this forms part of the delivery plan for the service agreed at the start of the engagement. Our consultants and engineers are experienced in providing skills and knowledge transfer for major private and public sector clients.

Where appropriate, we may use a standard approach, tailored to topic, skills-gap and individual, to ensure consistency and effectiveness. The approach, Capgemini's Assess-Plan-Implement framework, has been used repeatedly by our teams to structure the work involved in transferring skills and creating new teams capable of driving and sustaining change long after the end of the formal programme. The framework can be applied throughout a project to understand knowledge transfer objectives, plan training delivery methods and materials, and deliver and evaluate success.

9 Vendor Accreditations/Awards



Our expertise, accelerators and approach will enable your organisation to develop the case for change and, crucially, the roadmap that secures the support, enthusiasm and focus that unlocks business value. It is this approach that wins regular industry recognition for our excellence in delivering ERP programmes, most recently with the **Transformation Team of the Year** accolade in the 2021 ERP Today awards.



For the 13th year in a row, Capgemini has been recognised as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgement of our ethical culture that makes us an employer of choice and responsible player in the eyes of our clients, shareholders, and the wider community.

Capgemini has been an Oracle Partner since 1997, and has held the highest partnership statuses for many years. We participate in the Sell, Service, and License & Hardware tracks of the Oracle Partner Network Program. Capgemini's global Oracle SaaS, PaaS and IaaS teams comprise of over 11,500 Oracle professionals and enable Capgemini to service clients across geographies and Oracle solution sets. Capgemini's UK SaaS, PaaS and IaaS teams have been developing and delivering Oracle solutions for over 20 years with deep experience in Public Sector. Capgemini UK Oracle experts collaborate with our colleagues across the world to develop and share best practice in the relentless pursuit of excellence for our customers. Our approach has been recognised globally in the last few years with numerous awards and analyst recognition, including:

- 2023: Oracle EMEA Business Impact Partner of the year for Cloud Technology
- 2022: Real IT Award for Cloud ERP
- 2020: OCI Partner of the Year Award
- 2019: UKOUG Industry Partner of the Year Award – Bronze
- 2019: UKOUG Middleware Partner of the Year Award – Bronze
- 2019: Oracle PaaS Forum; Best PaaS Contribution

Capgemini holds four published OPN Expertise in Western Europe region demonstrating our expertise in delivering Oracle Cloud Infrastructure solutions -

- Oracle Cloud Platform Integration
- Oracle Cloud Platform Business Analytics
- Oracle Cloud Platform Application Development
- Oracle Cloud Platform Security



IDC has positioned Capgemini as a "Leader" in their IDC MarketScape: Worldwide Supply Chain Oracle Ecosystem Services 2023 Vendor Assessment



Everest Group has positioned Capgemini as a "Major Contender" in its report Oracle Cloud Applications Services PEAK Matrix® Assessment 2023, and "Leader and Star Performer" in its report Application Automation Services PEAK Matrix® Assessment 2023



Capgemini is a Leader in Avasant's Oracle Cloud ERP Services 2023–2024 RadarView™.



ISG has positioned Capgemini as "Leaders" in all the regions and categories in its report Next-Gen ADM Services - 2023

10 Sub-contractors

Capgemini UK may use the following subcontractors to deliver this service:

- Capgemini Technology Services India Limited.



11 Business Continuity and Disaster Recovery

No disaster recovery plan is provided as part of these Services.

12 Pricing

This service is priced in accordance with the SFIA Rate Card attached. Capgemini can also provide offshore resources at reduced rates where appropriate. Projects can be priced either on a Time & Materials or Fixed Price basis.

13 Ordering and Invoicing

Please refer to the Supplier Terms for this service.

We would be pleased to arrange a call or meeting to discuss your requirements of our service in more detail.

14 Termination Terms

Please refer to the Supplier Terms for this service.

15 Further Information

For more information about this or any of our G-Cloud services, please contact our Public Sector Team.

Phone: 0370 904 4858

Email: publicsector.opps.uk@capgemini.com including the following information:

1. The name of this service.
2. The name of your organisation.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

About Capgemini

Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world, while creating tangible impact for enterprises and society. It is a responsible and diverse group of 340,000 team members in more than 50 countries. With its strong over 55-year heritage, Capgemini is trusted by its clients to unlock the value of technology to address the entire breadth of their business needs. It delivers end-to-end services and solutions leveraging strengths from strategy and design to engineering, all fueled by its market leading capabilities in AI, generative AI, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2024 global revenues of €22.1 billion.

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