Oracle Integration Cloud Service G-Cloud 14

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1   Service Overview

The Capgemini Oracle Integration Cloud service provides integration and business process automation solutions for on-premise, hybrid, cloud and multi-cloud environments. It supports data, process and application integration patterns, and event streaming. The service is based on best practice design and implementation of Cloud based integration services, Oracle Fusion Middleware and Oracle Platform as a Service (PaaS) technologies.

The Service enables the customer to realise the cost and efficiency benefits of connecting solutions including Software as a Service (SaaS), Customised Off The shelf (COTS) and tailored applications.

The Capgemini Oracle Integration Cloud platform can be implemented to provide for any or all the following scenarios, depending on the customer's business drivers, strategy and objectives:

- Application of modern integration technologies and patterns to optimise integration in the cloud and on-premises.

- Migrating existing Oracle SOA Suite, Service Bus, and BPM Suite applications to public or private cloud platforms.

- Adoption of Oracle's next-generation hybrid iPaaS offering (Integration Cloud) to yield significant cost benefits and future-proofing.

- Replace existing Oracle SOA Suite services with a more scalable and reliable platform using APIs, Microservices, and Event-Driven Architecture.

- Integrating both Oracle and Non-Oracle technologies and services with existing solutions.

- Automation and better leverage of business content to improve efficiency through streamlined processes.

- Building & deploying new integration services in the cloud, multi-cloud, and with hybrid on-premises deployment connectivity.

- The service leverages Capgemini's Agile Innovation Platform (AIP) to accelerate delivery, ensure quality and provide sustainable business solutions.

Capgemini is a thought leader in designing and building integration components for both on-premises and Cloud-based Oracle solutions. The principal aim of our service offering is to reduce integration complexity and effort duplication through the implementation of reusable and scalable services and by the adoption of best practices. Principles such as loose coupling and interoperable standards are integral to the service, ensuring that our clients can control the cost and impact of business change.

We can advise our clients on the most suitable Oracle products to integrate on-premises, cloud, and hybrid applications for both horizontal (moving data between systems) and vertical Integrations (support of Omni-channels like Mobile and Web Applications).
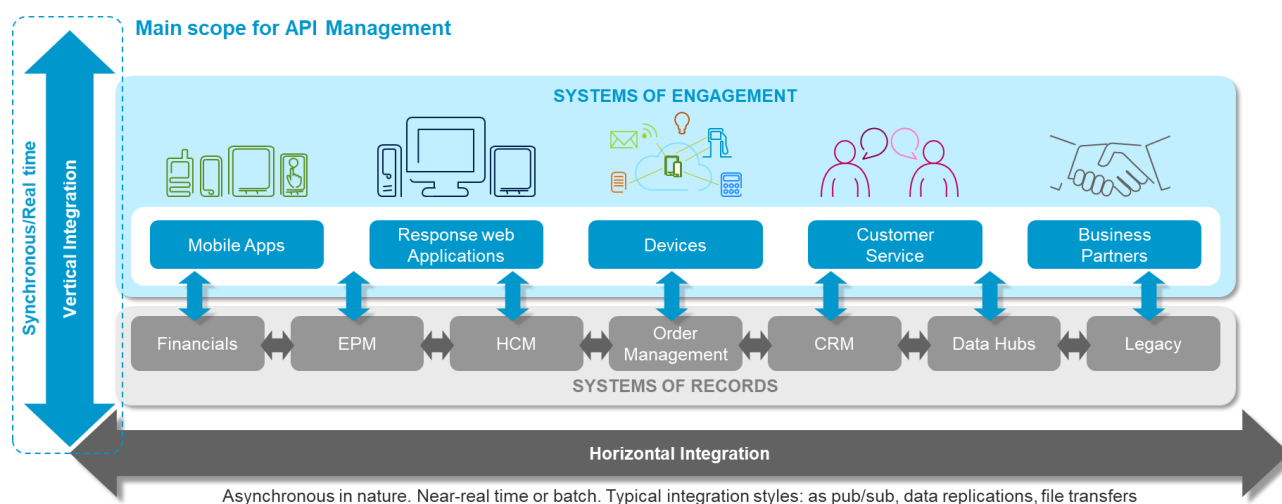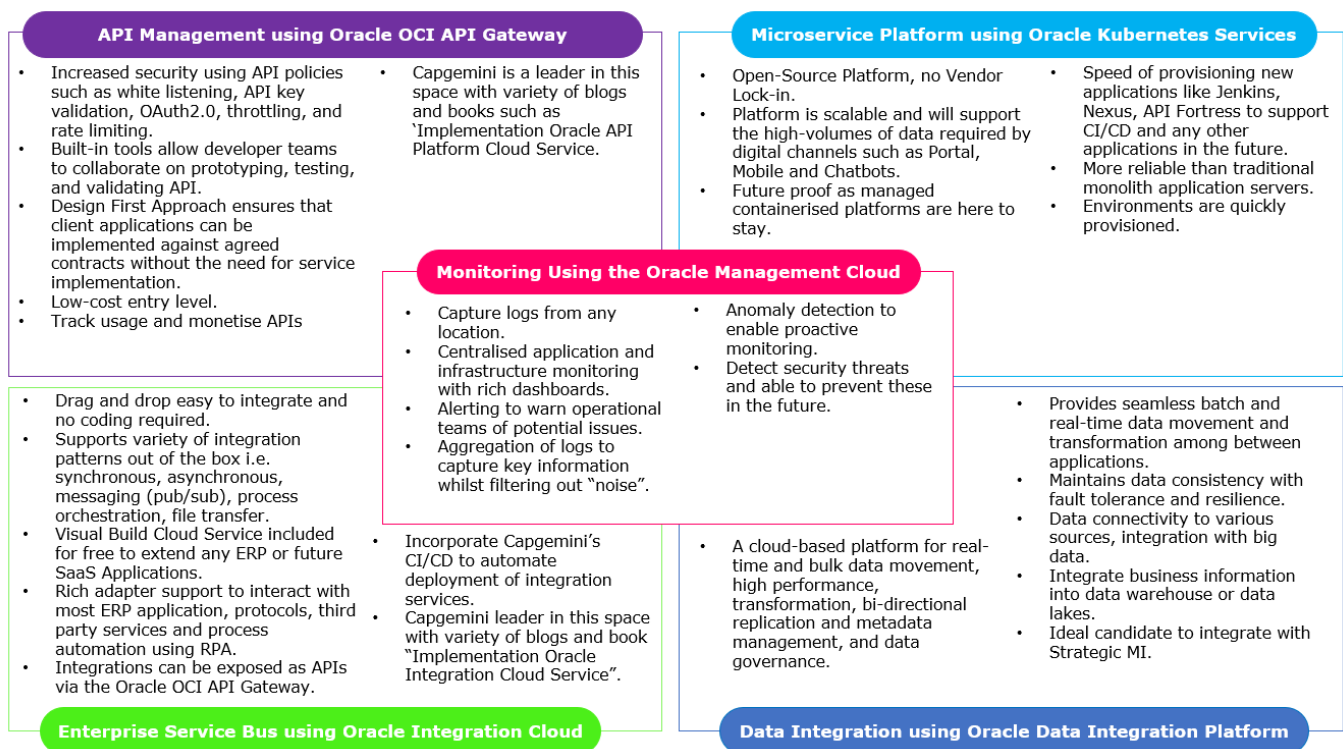

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The integration service incorporates a range of Oracle products including:

- Oracle Integration Cloud (OIC – all editions and its precursor's Process Cloud Service (PCS) and Integration Cloud Service (ICS)
- Oracle OCI API Gateway
- Oracle SOA Suite 12c (including Service Bus) and/or its PaaS equivalent SOA Cloud Service
- Oracle WebLogic Server (VM or Container) Java Extension Toolkit (JET), Functions, Contained Engine for Kubernetes (OKE) for tailored cloud functionality
- Infrastructure Streaming for modern publish and subscribe solutions
- Oracle Data Integrator bulk data transformation, replication, and synchronisation

The following diagram shows the breadth of capabilities covered by our solution:

API Management using Oracle OCI API Gateway

- Increased security using API policies such as white listening, API key validation, OAuth2.0, throttling, and rate limiting.
- Built-in tools allow developer teams to collaborate on prototyping, testing, and validating API.
- Design First Approach ensures that client applications can be implemented against agreed contracts without the need for service implementation.
- Low-cost entry level.
- Track usage and monetise APIs

- Capgemini is a leader in this space with variety of blogs and books such as 'Implementation Oracle API Platform Cloud Service.

Microservice Platform using Oracle Kubernetes Services

- Open-Source Platform, no Vendor Lock-in.
- Platform is scalable and will support the high-volumes of data required by digital channels such as Portal, Mobile and Chatbots.
- Future proof as managed containerised platforms are here to stay.

- Speed of provisioning new applications like Jenkins, Nexus, API Fortress to support CI/CD and any other applications in the future.
- More reliable than traditional monolith application servers.
- Environments are quickly provisioned.

Monitoring Using the Oracle Management Cloud

- Capture logs from any location.
- Centralised application and infrastructure monitoring with rich dashboards.
- Alerting to warn operational teams of potential issues.
- Aggregation of logs to capture key information whilst filtering out "noise".

- Anomaly detection to enable proactive monitoring.
- Detect security threats and able to prevent these in the future.

- Drag and drop easy to integrate and no coding required.
- Supports variety of integration patterns out of the box i.e. synchronous, asynchronous, messaging (pub/sub), process orchestration, file transfer.
- Visual Build Cloud Service included for free to extend any ERP or future SaaS Applications.
- Rich adapter support to interact with most ERP application, protocols, third party services and process automation using RPA.
- Integrations can be exposed as APIs via the Oracle OCI API Gateway.

- Incorporate Capgemini's CI/CD to automate deployment of integration services.
- Capgemini leader in this space with variety of blogs and book "Implementation Oracle Integration Cloud Service".

- A cloud-based platform for real-time and bulk data movement, high performance, transformation, bi-directional replication and metadata management, and data governance.

- Provides seamless batch and real-time data movement and transformation among between applications.
- Maintains data consistency with fault tolerance and resilience.
- Data connectivity to various sources, integration with big data.
- Integrate business information into data warehouse or data lakes.
- Ideal candidate to integrate with Strategic MI.

Enterprise Service Bus using Oracle Integration Cloud

Data Integration using Oracle Data Integration Platform

Oracle Product and Capabilities Overview

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2   Business Need

The typical modern IT landscape consists of a portfolio of on-premises commercial enterprise applications alongside legacy systems, with a growing number of applications in the cloud. Large organisations are increasingly extending the integration of SaaS applications, to realise the benefits of improved business agility, time-to-market, efficiency, and simplified operational cost management. Most enterprises no longer wish to manage and maintain large-scale infrastructure to operate their business processes, and that includes integration platforms.

Although the benefits of cloud platforms and Software as a Service are widely acknowledged, most organisations will operate a hybrid architecture for the next 5-10 years as they continue to migrate their applications to the cloud. Multi-cloud situations will be common for larger organisations, bringing hybrid-like challenges. Therefore, hybrid integration platforms are becoming critical to achieving the desired simplification of solutions, transitioning to cloud-based solutions and new cost models.

The PaaS and Hybrid model could be driven by one or more use-cases, such as:

- Integration for SaaS extensions

- Adoption of cloud-based solution to completely replace an aging on-premises integration layer, and at the same time so allow the organisation to become more reactive, near real-time, and event-driven

- Migration of on-premises systems to cloud (as hardware hits end of life), requiring a lift and shift integration model i.e. move Integrations in line with where data is held (referred to as the centre of mass)

- The need to cope with short periods of very high demand, which historically required hardware investment to meet peak load rather than on optimal investment. Cloud becomes a capacity burst and/or failover data centre. This is sometimes known as the 'Black Friday effect'

- The need to manage unstructured or semi-structured processes that are collaborative, content-intensive, spread across on-premises and cloud applications, and are often subject to change. There is a requirement for a platform to help enable structured, dynamic, and automated business processes that can span many IT systems for organisations to operate cost-effectively with desired visibility, flexibility, and speed.

Selecting and implementing the right permutation of products for the Integration Platform is crucial for meeting the Business and IT aspirations. It is crucial to understand a product's roadmap and to determine how it can sustainably satisfy an organisation's needs for at least the next 3-5 years if not further.

3 Our Approach

A key feature of the Cloud Integration Platform is the ability to connect disparate cloud applications (hosted with Oracle or other vendors) with existing on-premises applications. Capgemini's approach to hybrid integration is to exploit Oracle PaaS technologies to build highly interoperable business services that can communicate with the full range of application deployment strategies and protocols, from cloud-based services to on-premises COTS & tailored applications, 3rd party APIs, and legacy systems. This approach provides the flexibility for the customer to control their long-term roadmap for migration from on-premises to cloud solutions through manageable and robust hybrid integration.

Our service can include any or all the following elements, depending on the client's aspirations and their current level of cloud integration maturity:

- Establishment of a Cloud Integration Competency Centre (aka Centre of Excellence), extending in-house skills and knowledge to include cloud technologies

- Creation of a Cloud Integration Roadmap to plan the transition of integrations from on-premises and Cloud-based applications

- Delivery of a Hybrid Cloud Reference Architecture, aligned to existing on-premises delivery frameworks, and integration design patterns to support the roadmap

- Mature and proven integration delivery accelerators, including common information models, utility services, and tools, to facilitate rapid delivery

- Design, implementation, and operation of reusable Cloud-hosted business services that can be consumed internally and exposed to business partners

- Maximise delivery acceleration through automation, pattern reuse, templates, and best practices from the Agile Innovation Platform

5

Underpinned by Capgemini's Cloud Delivery Method (CCDM), our Accelerated Integration Delivery Framework is key to our success in delivering excellence to our clients.
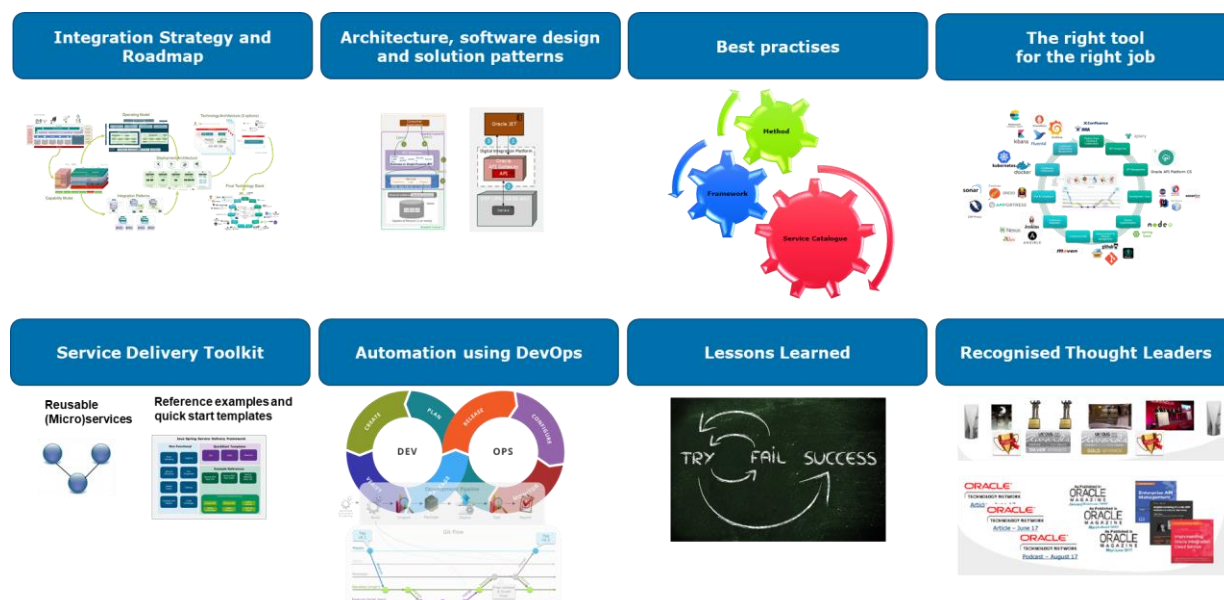
Accelerated Integration Delivery Framework

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The Integration Delivery Framework ensures that Integration Strategies and roadmaps are well defined. It draws of our Integration patterns and best practices and ensures that we chose the right tool. It incorporates modern development practices around Continuous Integration and Deployment and ensures that integrations are fully observable to help track issues and feedback improvements.

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.

▪ Buyer shall perform its obligations which are set out in the clauses of the Agreement and the Paragraphs of the Schedules

▪ Buyer shall comply with laws and regulations applicable to its business and be responsible for determining and directing the Supplier with respect to any processes and procedures applicable to its business which Supplier must follow.

5 Service Management

Not applicable.

6 Protection of Data

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

7   On-boarding and Off-boarding

Before the execution of the Order, the Supplier and the Buyer will agree on the scope of the exit plan for the Services and a timescale for delivering an exit plan to ensure continuity of service.

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

8   Skills and Knowledge Transfer

Capgemini recognises that skills and knowledge transfer are 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 upon 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 the 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 programe. 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

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

For the 12th year in a row, Capgemini has been recognized as one of the World's Most Ethical Companies® by the Ethisphere® Institute. This is an acknowledgment 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.

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 by 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 for 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, cloud and data, combined with its deep industry expertise and partner ecosystem. The Group reported 2023 global revenues of €22.5 billion.

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