



# Boost your cloud with 4i

4i apps  
solutions

# Executive summary

4i an **Oracle Partner for 16+ years (Formerly Oracle Platinum Partner)**, is a technology consulting firm helping customers interested in protecting their Oracle Application investments and help them achieve promised benefits.

4i has more than 300, Oracle Customers across regions and has one of the largest resource pool of Oracle consultants across streams – ERP, HCM, SCM, EPM, CX, PaaS and Oracle Technology.



Oracle Consultants



Oracle Expertise



Oracle Expertise



ISO 9001:2015  
ISO 27001:2013  
ISO 22301:2019



2023  
Oracle M&A & Turkey  
Cloud/Tech Partner Award

**Customer Success**

Oracle Partner Awards  
2023 - **Customer Success  
Partner of the Year.**



Times Business Awards  
2022 & 23 for  
"Excellence In  
Consulting IT Services".



**Aspirant** in the Oracle  
Cloud Application  
Services PEAK Matrix® by  
Everest Group

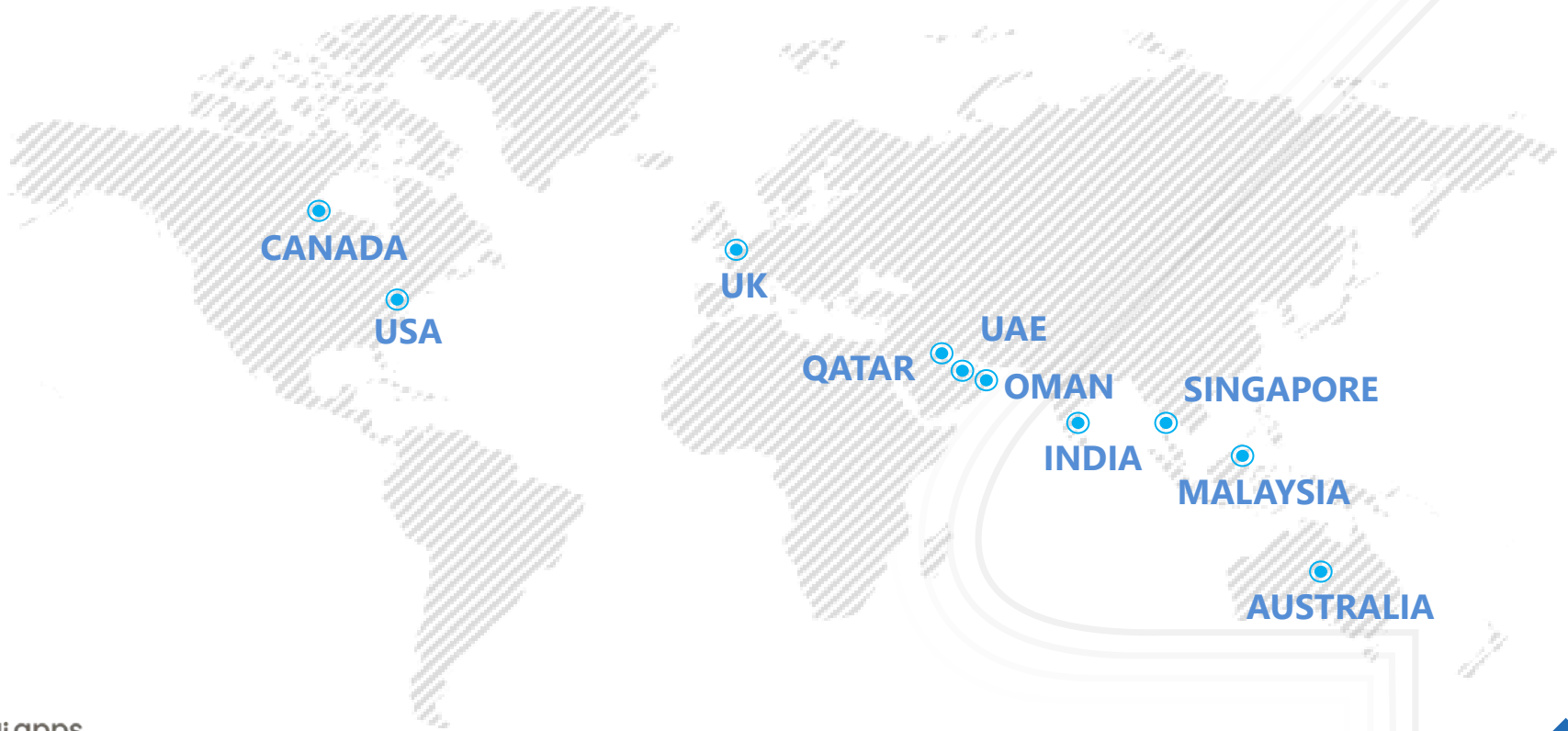


4i Certified has **Great  
Place To Work**



Listed in Deloitte  
Technology **Fast 500**  
**Asia Pacific 2017**

# Our geographical locations





# Services - offered by 4i

# Services offered by 4i



Integration



Lift and Shift - EBS to OCI



Datacentre Exit to OCI



VM Migration to OCVS



Artificial Intelligence



Mobile Applications on  
OCI



Industry Specific  
PaaS on SAAS - Gap  
accelerators on OCI



Identity and Access  
Management using IDCS

# Integration



# Integration

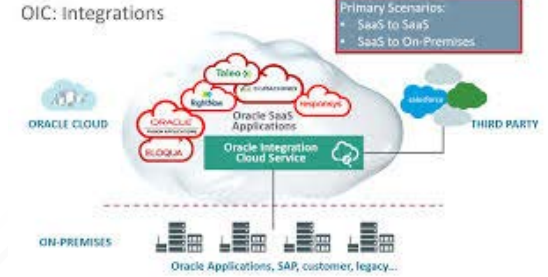
## Frameworks



Oracle SOA Suite



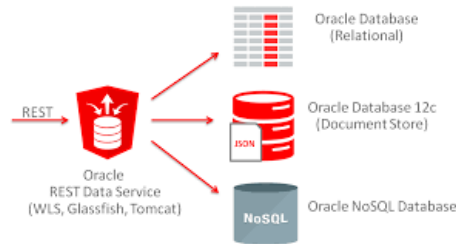
API Gateway



Oracle Integration Cloud



Oracle Java Cloud Service



Oracle APEX

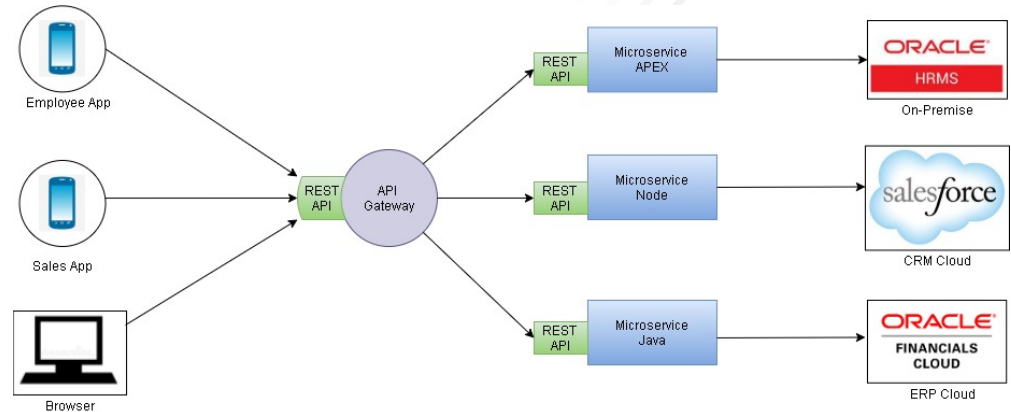


Node JS

# Integration

## Microservices

Source	Target	Interfaces
Employee Mobile App	EBS HRMS	<ul style="list-style-type: none"><li>• Leave Requests</li><li>• Letter Requests</li><li>• Time and Absences</li><li>• Other Requests</li></ul>
Sales Mobile App	Salesforce CRM	<ul style="list-style-type: none"><li>• Lead</li><li>• Customer</li><li>• Opportunity</li></ul>
Financials Web App	Fusion Financials Cloud	<ul style="list-style-type: none"><li>• GL</li><li>• Fixed Assets</li><li>• Payments</li><li>• Invoices</li><li>• Receipts</li></ul>





# Lift and Shift



# Scope of services

<b>Background</b>	<ul style="list-style-type: none"><li>• Many customers currently use Oracle EBS and database on physical servers. This generally requires heavy resources to maintain and operate.</li><li>• 4i recommends to migrate the Oracle EBS customers to Oracle Cloud Infrastructure that offers huge cost benefits.</li></ul>
<b>Scope Activity</b>	<ul style="list-style-type: none"><li>• AS-IS Migration of Oracle E-Business Suite Environment to Oracle Cloud.</li><li>• Migrate On-Prem Oracle database to Oracle database cloud service.</li></ul>
<b>Benefits</b>	<ul style="list-style-type: none"><li>• Zero hardware maintenance cost</li><li>• Zero Database upgrade cost.</li><li>• Database on latest patch set for up-to-date security controls.</li></ul>
<b>Entity &amp; Location</b>	<ul style="list-style-type: none"><li>• Single</li></ul>
<b>Project Duration</b>	<ul style="list-style-type: none"><li>• 6 - 8 Weeks</li></ul>
<b>Post Migration Support</b>	<ul style="list-style-type: none"><li>• 2 Weeks</li></ul>
<b>Delivery Model</b>	<ul style="list-style-type: none"><li>• Onsite x Offshore Model</li></ul>

# **Datacentre Exit**



# Scope of services

<b>Background</b>	<ul style="list-style-type: none"><li>• Many organizations run their inhouse application on multiple servers and/ Or different cloud services.</li><li>• Maintenance is cumbersome as multiple servers need to be maintained and requires multiple skillsets to maintain.</li><li>• 4i recommends to migrate the different workloads in the datacenter to a OCI.</li></ul>
<b>Scope Activity</b>	<ul style="list-style-type: none"><li>• Basic Landing Zone Build</li><li>• Set up the Oracle Cloud Migrations service in OCI</li><li>• Create the Migration project and plan</li><li>• Execute RMS Stack</li><li>• Cutover and cleanup</li><li>• Security Review</li></ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"><li>• Windows or Linux - supported on OCI</li></ul>
<b>No of VM Migrations</b>	<ul style="list-style-type: none"><li>• 15 VM migrations</li></ul>
<b>Benefits</b>	<ul style="list-style-type: none"><li>• Simplified maintenance and monitoring of multiple workloads.</li><li>• Requires common skillset to maintain(OCI administration skill).</li><li>• Better performance.</li></ul>
<b>Duration</b>	<ul style="list-style-type: none"><li>• 6 – 8 Weeks</li></ul>

# **VMware migration to OCVS**



# Scope of services

<b>Scope</b>	<ul style="list-style-type: none"><li>• Basic Landing Zone Build</li><li>• OCVS Installation and Configuration</li><li>• VM Migration Assessment and Planning</li><li>• VM Migration (up to 15 VMs)</li><li>• Security Review</li></ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"><li>• Windows or Linux - supported on OCI</li></ul>
<b>Databases</b>	<ul style="list-style-type: none"><li>• Oracle database single instances DBCS</li></ul>
	<ul style="list-style-type: none"><li>• MySQL, MS SQL, PostgreSQL are supported on OCI</li></ul>
<b>No of VM Migrations</b>	<ul style="list-style-type: none"><li>• 15 VM migrations</li></ul>
<b>No of Database</b>	<ul style="list-style-type: none"><li>• 5 databases</li></ul>
<b>Duration</b>	<ul style="list-style-type: none"><li>• 4 - 6 Weeks</li></ul>

# Artificial Intelligence

The right side of the image features a series of overlapping, rounded geometric shapes in various shades of blue and light blue. These shapes are arranged in a way that suggests a complex, interconnected structure, possibly representing a neural network or a data flow. The colors range from a very light, almost white blue to a medium-dark blue. The shapes are layered, with some appearing in front of others, creating a sense of depth and movement.

# Human capital management - scope of services

<b>Background</b>	<ul style="list-style-type: none"><li>• HR department is overwhelmed with queries related to HR policies that require dedicated time from HR team.</li><li>• These are routine queries that can be automated.</li><li>• 4i recommends a Gen AI-based HR agent that can understand employee queries in natural language and provide customized responses from the company's HR policy document.</li></ul>
<b>Scope Activity</b>	<ul style="list-style-type: none"><li>• Develop a Oracle Gen AI based HR agent for HR policy.</li></ul>
<b>Duration</b>	<ul style="list-style-type: none"><li>• 6 - 8 Weeks.</li></ul>
<b>Post-implementation support</b>	<ul style="list-style-type: none"><li>• 2 Weeks.</li></ul>



# Chatbot - scope of services

## Employee Chatbot & Mobile

<b>Objective</b>	<ul style="list-style-type: none"><li>• Enhance HR operations and employee experience through Oracle Digital Assistant (ODA) by integrating with existing HCM and third-party systems.</li></ul>
<b>Scope</b>	<ul style="list-style-type: none"><li>• Enable standard HCM Skills</li><li>• Customize and extend HCM Skills</li><li>• Integrate with external systems (HCM, EBS ERP, Third-Party Systems)</li><li>• Multi-channel support deployment</li></ul>
<b>Key Benefits</b>	<ul style="list-style-type: none"><li>• Streamlined HR processes</li><li>• Improved employee engagement</li><li>• Enhanced efficiency in accessing HR services</li></ul>
<b>Development of Custom Oracle Digital Assistant</b>	<ul style="list-style-type: none"><li>• Development of Oracle Digital Assistant custom self-service request skillsets for client</li></ul>

# Chatbot - scope of services

## Key Implementation Aspects

<b>Standard HCM Skills Enablement</b>	<ul style="list-style-type: none"><li>• Activated pre-built skills for common HR tasks (e.g., leave requests, attendance, benefits inquiries).</li></ul>
<b>Customization/Extension of HCM Skills</b>	<ul style="list-style-type: none"><li>• Tailored existing skills to meet specific company needs.</li><li>• Developed new functionalities to address unique business requirements.</li></ul>
<b>Integration</b>	<ul style="list-style-type: none"><li>• HCM System: Implemented a seamless and tailored integration with existing Human Capital Management systems.</li><li>• EBS (E-Business Suite): Connected with Oracle E-Business Suite to support Procurement, Inventory, and Finance operations.</li><li>• Third-Party Systems: Integrated with various third-party systems to improve data exchange and extend functionality.</li></ul>
<b>Development of Custom Oracle Digital Assistant</b>	<ul style="list-style-type: none"><li>• Development of Oracle Digital Assistant custom self-service request skillsets for client</li></ul>
<b>Project Duration</b>	<ul style="list-style-type: none"><li>• 10 – 12 weeks.</li></ul>

# Chatbot - scope of services

## Key Highlights


<b>Enablement and Customisation</b>	<ul style="list-style-type: none"><li>• Enable and customize Oracle Standard ODA for ERP and HCM skills.</li><li>• Tailor the digital assistant to meet specific business needs.</li></ul>
<b>Development of Custom Skills</b>	<ul style="list-style-type: none"><li>• Develop bespoke skills to further optimize business processes and improve user interactions.</li></ul>
<b>Integration with Multiple Systems</b>	<ul style="list-style-type: none"><li>• <b>Oracle Systems:</b> Integrate with Oracle ERP and HCM systems.</li><li>• <b>Third-Party Systems:</b> Connect with various third-party platforms, both cloud-based and on-premises, to ensure seamless data exchange and functionality.</li></ul>
<b>Integration with Large Language Models (LLMs)</b>	<ul style="list-style-type: none"><li>• Integrate with LLMs like ChatGPT to enhance conversational AI capabilities and support complex user interactions.</li></ul>

# Mobile applications on OCI



# Mobile applications

Domain-specific solutions offered by 4i

 <b>Self-Service Human Resources (SSHR)</b>	 <b>Warehouse Management System (WMS)</b>	 <b>Van Sales</b>	 <b>Online Sales</b>	 <b>Online Market Sales</b>
<p>Mobile solutions for employee self-service HR functions.</p>	<p>Mobile applications to streamline warehouse operations and inventory management.</p>	<p>Mobile solutions for managing sales operations from vans and on-the-go sales personnel.</p>	<p>E-commerce mobile applications to facilitate online sales and transactions.</p>	<p>Mobile platforms for online marketplaces, connecting buyers and sellers seamlessly.</p>
Main Features				
<ul style="list-style-type: none"> <li>• Leave Management</li> <li>• Attendance Tracking</li> <li>• Expense Management</li> <li>• Performance Management</li> <li>• Benefits Enrollment</li> <li>• Training and Development</li> <li>• Internal Communication</li> <li>• HR Support</li> <li>• Document Management</li> <li>• Compliance and Policy Acknowledgment</li> <li>• Team Collaboration</li> </ul>	<ul style="list-style-type: none"> <li>• Ready to Deploy Functionality</li> <li>• Cross-Platform Development</li> <li>• Extend Existing Enterprise</li> <li>• Order Picking &amp; Physical Verification</li> <li>• Storage &amp; Delivery</li> </ul>	<ul style="list-style-type: none"> <li>• Mobile Order Taking and Delivery</li> <li>• Route Planning</li> <li>• Instant Stock Request</li> <li>• Signature Capture</li> <li>• Live Payment Update</li> <li>• Real-Time Stock Balance</li> <li>• Instant Sales Report</li> </ul>	<ul style="list-style-type: none"> <li>• Product Catalog Management</li> <li>• Secure Payment Processing</li> <li>• Order Management</li> <li>• Customer Reviews and Ratings</li> <li>• Push Notifications</li> <li>• Real-Time Inventory Tracking</li> <li>• Multi-Language and Multi-Currency Support</li> <li>• Customer Support Integration</li> <li>• Analytics and Reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Product Listings</li> <li>• Search and Discovery</li> <li>• Secure Transactions</li> <li>• Real-Time Chat</li> <li>• Order Tracking</li> <li>• Rating and Reviews</li> <li>• Notification System</li> <li>• Multi-Language and Multi-Currency Support</li> <li>• Seller Analytics</li> <li>• Customer Support Integration</li> <li>• Mobile Payment Integration</li> <li>• Social Media Integration</li> <li>• Personalized Recommendations</li> <li>• Scalability and Performance</li> </ul>



**Industry specific  
PaaS on SAAS - Gap  
accelerators on OCI**

# SaaS gap solution offerings on OCI

4i Solution	Customer pain points	SaaS Gap	How our solution helps	Industries
<b>PRISM - Property Real Estate Integrated Sales Management</b>	Manual processes and disjointed systems leading to errors.	Absence of standard property manager module	Seamless ERP integration, improved scheduling, and accuracy.	<ul style="list-style-type: none"> <li>Real Estate</li> </ul>
<b>SUBCON – Subcontractor Management</b>	Difficult contractor management and tracking, murky operations	No Fusion solution for subcontractor management.	Streamlined project management, better visibility.	<ul style="list-style-type: none"> <li>Construction</li> <li>Infrastructure</li> </ul>
<b>Roaster &amp; Shift Management</b>	Manual shift planning, cumbersome and time-consuming process.	There's no solution for managing Shifts	Predictable routine, visibility, and easy payroll calculation.	<ul style="list-style-type: none"> <li>Manufacturing</li> <li>Healthcare</li> <li>Retail</li> </ul>
<b>Mobile Inventory Solution</b>	Manual, error-prone inventory management across projects.	Requires unique design for project handling.	Mobile connectivity, secure scanning, and real-time data entry.	<ul style="list-style-type: none"> <li>Manufacturing</li> <li>Retail</li> </ul>
<b>Mobile Sales Order</b>	Time-consuming order booking process.	No easy mobile access solution.	Single app for POS, zero license cost, Oracle integrated.	<ul style="list-style-type: none"> <li>Retail</li> <li>Sales</li> </ul>
<b>BFM – Bank Facilities management</b>	Difficult loan and bank reconciliation management.	No dedicated solution to handle intricate bank processes	Streamlined loan management and reconciliation.	<ul style="list-style-type: none"> <li>Finance</li> <li>Banking</li> </ul>

# SaaS gap solution offerings on OCI

4i Solution	Customer pain points	SaaS Gap	How our solution helps	Industries
<b>Foura'ai Payroll</b>	No standard Oracle payroll in many countries.	No localized payroll for all countries.	Multi-country payroll platform provided by 4i.	<ul style="list-style-type: none"> <li>Global Enterprises</li> </ul>
<b>Dealer &amp; Distributor Advertising</b>	Lack of solution for managing partners, commissions, promotions.	Channel Revenue Management only in EBS.	Comprehensive management of claims, commissions, and costs.	<ul style="list-style-type: none"> <li>Retail,</li> <li>Distribution</li> <li>Advertising</li> </ul>
<b>SSHR Mobility</b>	Complicated manual processes, lack of visibility for HR.	No standard solution in SaaS.	Enhanced collaboration, mobile access, reduced HR workload.	<ul style="list-style-type: none"> <li>HR, Management</li> </ul>
<b>Customer Portal</b>	Complex CRM with unnecessary features for customers.	Existing portal tied to expensive Oracle Sales CRM.	Simple, cost-effective customer portal tailored to needs.	<ul style="list-style-type: none"> <li>Sales</li> <li>E-Commerce</li> </ul>
<b>IFRS 16/17</b>	Finance reporting and balance sheet mismatches.	No subscription accounting or revenue recognition.	Compliance with IFRS standards, eliminates off-balance sheet financing.	<ul style="list-style-type: none"> <li>Finance, Airlines, Healthcare, Retail, Real Estate</li> </ul>



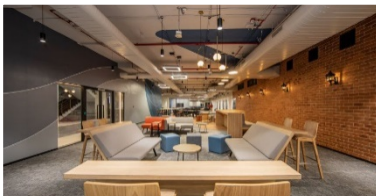


# **Identity and access management using IDCS**

# Scope of services

<b>Background</b>	<ul style="list-style-type: none"><li>• Oracle EBS Customers have a common requirement for implementing Identity management solutions.</li><li>• It offers better security, single sign-on and Multifactor Authentication (MFA).</li><li>• 4i recommends Oracle IDCS configuration for this purpose.</li></ul>
<b>Scope Activities</b>	<ul style="list-style-type: none"><li>• IDCS Implementation<ul style="list-style-type: none"><li>- Set up synchronization between Active Directory (AD) and IDCS using AD Bridge</li><li>- Configure SSO between on-premise Identity Provider and IDCS</li><li>- Deploy the EBS Asserter and Configure Integration with EBS and IDCS</li><li>- Enable MFA in IDCS</li><li>- Verify the Single Sign-on Integration</li></ul></li></ul>
<b>No. of Entity &amp; Location</b>	<ul style="list-style-type: none"><li>• Single Entity</li></ul>
<b>Language</b>	<ul style="list-style-type: none"><li>• English</li></ul>
<b>Duration</b>	<ul style="list-style-type: none"><li>• 3 - 4 Weeks</li></ul>
<b>Post-Production Support</b>	<ul style="list-style-type: none"><li>• 2 Weeks</li></ul>
<b>Delivery Model</b>	<ul style="list-style-type: none"><li>• Onsite x Offshore</li></ul>

# 4i offshore facilities



Located on HQ, 2nd Floor, OMR, Kazhipattur, in Chennai

Support across Different geographies (24 X 7)



- Giga speed switched network of 300+ nodes High-end servers from Compaq, IBM, HP and Sun
- Branded workstations with latest configuration for all users
- Highly secured hardware-based CISCO PIX Firewall
- Automated backup service integrated with all servers
- State-of-the-art EPABX system and VOIP enabled services
- Uninterrupted power supply for seamless operation     Dedicated leased data circuit for Internet usage with fail-over ISDN link
- Green Building Compliant
- 100% Power backup from generators with floor distribution of 300-350KVA
- 100 MBPS Bandwidth connectivity
- Fire Safety – Ring main Hydrants, Smoke detectors, Sprinklers and emergency exits
- Fortigard Internet Security

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