



Migrating applications to cloud

G-Cloud Service Definition Document

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Our G Cloud 14 Service Offers covers approaches, evaluation, design, architecture, essential cloud hosting, software, and support technologies and services to meet your unique and evolving needs. We will help you move your complex applications to Microsoft Azure, the leading cloud platform for enterprise solutions.

Our Comprehensive Application Modernization Approach

- **Informed Strategy:** Thorough assessment of your IT environment and goals to create a customized application modernisation strategy for a zero disruption change.
- **Empowered Workforce:** Targeted training and change management prepare your team for success.
- To take full advantage of the cloud, you need to modernize your applications using cloud native technologies and best practices.
- That's where we come in. We are an IT services provider that specializes in application cloud modernization. We can help you transform your applications from monolithic to microservices architectures, use infrastructure as code to automate provisioning and deployment, and leverage cloud services and tools to enhance your applications' functionality and quality.
- We offer a comprehensive and customized service that covers the entire lifecycle of application modernization, from assessment and planning to design and development to testing and deployment.

Detailed Service Description

Our Approach

We use Cognizant AppLens, our proprietary application modernization framework, to guide you through the entire process of transforming your applications for the cloud. AppLens consists of four phases: Analyze, Architect, Activate, and Accelerate.

- **Analyze:** We assess your current applications portfolio and identify the best candidates for cloud modernization based on their business value, technical complexity, and cloud readiness. We also provide a roadmap and a business case for the modernization journey.
- **Architect:** We design the target architecture and solution for each application, using cloud native technologies and best practices such as microservices, containers, serverless, DevOps, and CI/CD. We also select the most suitable cloud platform and services for your needs, whether it is AWS, Azure, Google Cloud, or a hybrid or multi-cloud environment.
- **Activate:** We implement the modernization solution, using agile methodologies and automation tools to ensure quality and speed. We also migrate your data and integrate your applications with other systems and services, using APIs and event-driven architectures.
- **Accelerate:** We optimize your applications' performance, scalability, security, and reliability, using cloud native monitoring, logging, and testing tools. We also provide ongoing support and maintenance, as well as continuous improvement and innovation, using cloud managed services and AI/ML capabilities.

Features

- We offer software development services to migrate your existing applications to the cloud, or to refactor them to make them more efficient and scalable. We can also design and build new cloud applications that support your business processes and goals.
- We have extensive experience in .NET, C#, Java, NodeJs, python, System Integration and DevOps, and we use the best practices and tools to deliver high-quality solutions.
- We follow an outcome-focused methodology, delivering on time and on budget, and ensuring that you achieve the benefits and value of cloud computing.
- We use a DevOps-based delivery model, which enables us to deliver faster, more reliably, and more flexibly. We also help you adopt DevOps principles and culture in your organisation and understand how they impact your business processes.
- We deliver across AWS, Azure and GCP cloud, and we have expertise in various domains and industries, such as Local Councils, Education, and Health.
- We provide flexible and agile resourcing, matching your needs and pace of delivery. We also offer an Inception Workshop to help you define your product vision and project scope.
- We provide an end-to-end delivery model, from business analysis, project management, architecture, development, testing, to support and maintenance. We ensure that the solutions we deliver meet your requirements and expectations, and that they integrate seamlessly with your existing data and systems.
- We can help you migrate your business processes to bespoke cloud native applications, which leverage the features and advantages of cloud (Azure, AWS, Google), such as cost-efficiency, performance, availability, security, scalability, and innovation.
- Phase wise migration:
 - Phase1: Current State Discovery
 - Phase2: TO-BE Future State Vision, Solution Architecture & Lighthouse Strategy
 - AS- IS Discovery for Applications
 - Cloud Migration Strategy
 - MVP Delivery Backlog
 - Education & Awareness

Benefits

- Stakeholder Alignment achieved regarding strategy and business case.
- Best practice cloud foundations and hygiene put into place early.
- Risk reduced through lighthouse project model and proof of value.
- Business case and value proven early with tangible examples.
- Costs reduced through business-case driven analysis of migration strategy.
- Capability within the organisation is built as the transformation progresses.
- Accelerate your cloud journey with proven methodologies and best practices.
- Optimize your cloud performance, security, and compliance with right cloud management platform(s).

- Access our certified cloud experts and partners for ongoing guidance and support.
- Leverage our flexible and scalable co-managed services model to suit your changing requirements.
- Enhance your customer experience and engagement with digital channels and platforms.
- Improve your operational efficiency and productivity with automation and analytics.

Cognizant Overview

Cognizant engineers modern businesses. As one of the largest global professional services companies we help clients in the UK modernise technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life.

We focus on IoT, AI, software engineering and cloud—the technologies that are changing the nature of business. Our global presence enables us to serve you locally.

What we do

- We **transform experiences** so our clients reach new levels of growth and brand loyalty
- We **reimagine processes** with automation and capabilities that instill insight, precision and speed.
- We **modernise technologies** that help our clients remain relevant and ready for the future.

We work with our clients to:

- **Deepen User Understanding:** We research user needs, preferences, and behaviors so that we can deliver more personalised, proactive, and responsive services.
- **Meet Evolving Expectations:** We implement solutions that mirror the speed, convenience, and accessibility that citizens expect from modern digital experiences, fostering increased satisfaction and trust.
- **Improve Service Efficiency:** Cognizant helps streamline processes, automate tasks, and optimise resource allocation for improved service delivery with reduced costs.
- **Strengthen Leadership Capabilities:** We offer analytics driven insights and tailored training to empower data-driven decision-making and equip public sector leaders for the digital age.
- **Innovative Policy Solutions:** Our teams bring experience and technological expertise to help identify and implement creative, effective digital approaches to complex policy challenges.

Our People

Our 8,000+ UK team bring both technical skills and experiences, and deep domain knowledge of the public sector landscape. We can provide staff that cover all SFIA roles and grades. Worldwide we have 28000+ digital engineering associates, 12000+ Software Engineering experts, 5000+ frontend and mobile architects who are adept in agile and lean development principles.

We have employees across the UK, our major hubs include a dedicated Public Sector Centre of Excellence in Leeds, our Head Office in London, including an Advanced AI Lab and an AI public sector co-innovation lab, and a large design studio in Bristol specializing in DesignOps.

We can also draw on 280,000+ nearshore and offshore professionals for reduced cost options where you can take advantage of these.

Our Credentials

We have a rich portfolio of successful digital and cloud transformations across Central Government, Government Agencies, NHS, Local & Regional Government, Transport, and Utilities.

Awards and Recognitions

					
Analyst Accolades					
	Cognizant Named a Leader in the MedTech Operations PEAK Matrix® Assessment 2023	Cognizant Named a Leader in the Everest Group Next-generation Quality Engineering Services PEAK Matrix® Assessment 2023	Cognizant recognized as a Leader in the Everest Group Data and Analytics Services PEAK Matrix® Assessment	Cognizant Named a Leader in the Everest Group Life Sciences Operations PEAK Matrix® Assessment 2023	Cognizant Named a Leader in the Everest Group Property & Casualty Insurance BPS PEAK Matrix® Assessment 2023
	Cognizant Recognized as a Leader in ISG Provider Lens™ Salesforce Ecosystem Partners 2024	Cognizant Recognized as a Leader in the 2023 ISG Provider Lens™ Oracle Cloud and Technology Ecosystem	Cognizant Recognized as a Leader in the 2023 ISG Provider Lens™ Finance and Accounting Outsourcing Services	Cognizant Recognized as a Leader in ISG Next-Gen ADM Services 2023	Cognizant Recognized in ISG Future of Work Provider Lens Services Study, 2023
	Cognizant Recognized by Avasant as a Leader in Tech-enabled Sustainability Services RadarView 2023-2024	Cognizant Recognized by Avasant as a Leader in Data Management and Advanced Analytics Services, 2023	Cognizant Named by Avasant as Leader for End-User Computing Services, 2023	Cognizant Recognized by Avasant as a Leader in Digital Workplace Services, 2023	Cognizant Recognized by Avasant as a Leader in Banking Process Transformation, 2023
	Cognizant Recognized as a Leader in the Inaugural HFS Horizons, 2024	Cognizant Recognized as a Leader in Generative Enterprise™ Services by HFS, 2024	Cognizant Recognized as a Leader in Services for the Platform Economy by HFS Research, 2023	Cognizant Recognized as Market Leader in Travel, Hospitality, and Logistics Service Providers by Analyst Firm HFS, 2023	Cognizant Recognized as a Market Leader in Automation Services by HFS Research, 2023

Our Culture & Vision

Every choice we make aligns to our vision: to become the pre-eminent technology services partner to the world's top companies. Our values form the bedrock of our culture and define how we work together to serve our stakeholders.

- Start with a point of view
- Seek data, build knowledge
- Always strive, never settle
- Work as one
- Create conditions for everyone to thrive
- Do the right thing, the right way

Next Steps and Contact Details

Please send your requirements to inquiryPSandHealth@cognizant.com

Alternatively, if you wish to discuss your requirements in more detail, please send us the following information and we will contact you:

- The name of your organization.
- Your name and contact details.
- A brief description of your business situation.
- The service that you are interested in.
- Your planned timescales for the work.



About Cognizant

Cognizant (Nasdaq-100: CTSI) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast changing world. Together, we're improving everyday life. See how at www.cognizant.com or [@Cognizant](https://twitter.com/Cognizant).

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