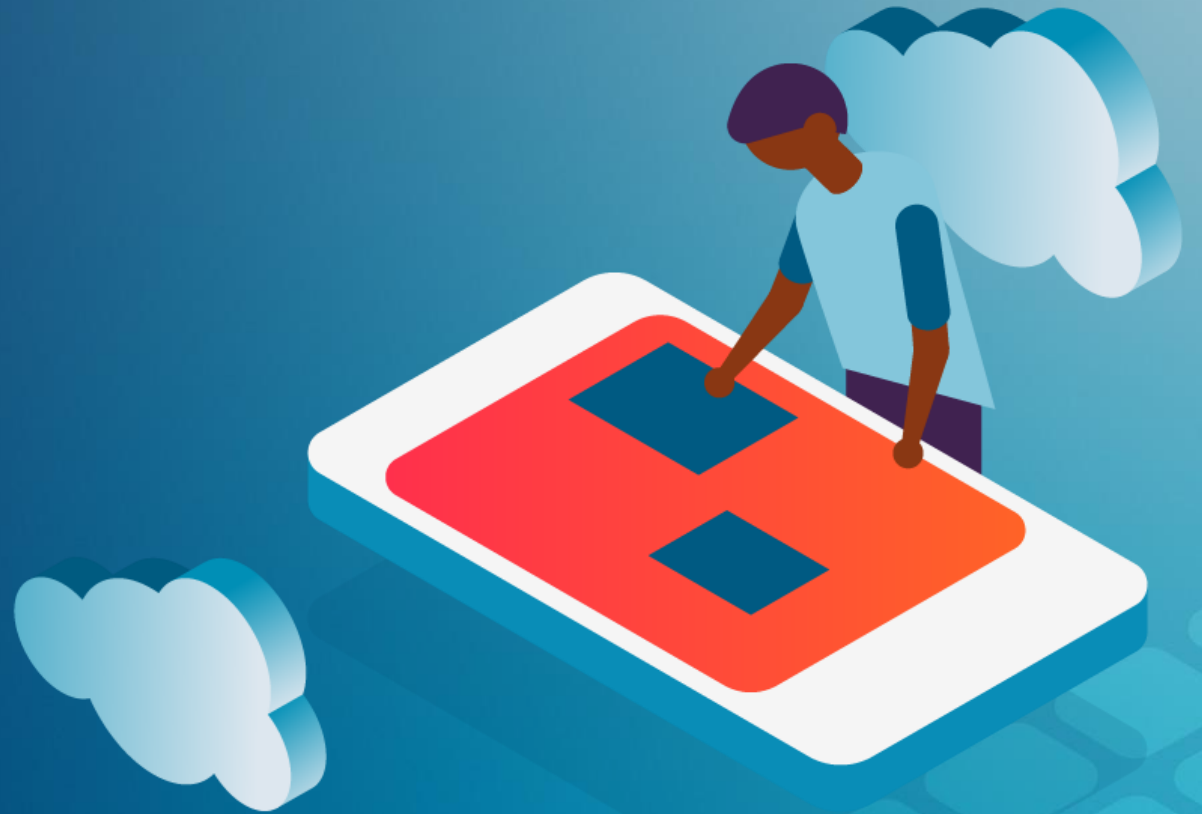


Cloud Modernization

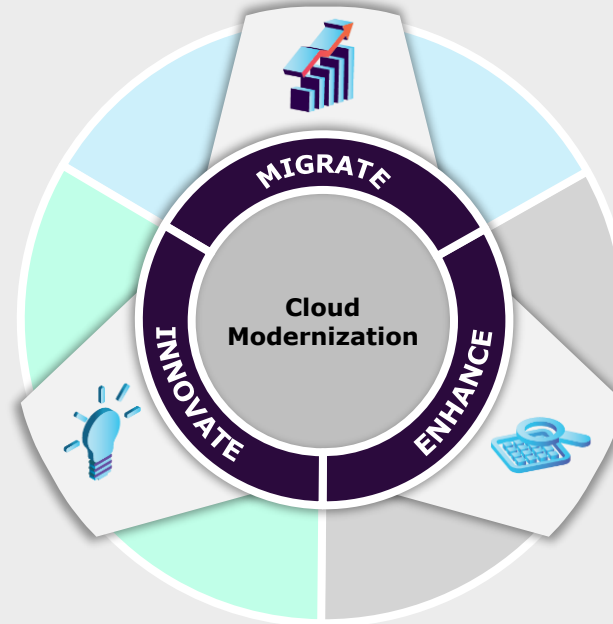


Why Cloud Modernization



Key Drivers

- Cost Efficiency
- Enhanced Security
- Scalability
- Sustainability
- Availability & Resiliency
- Productivity Improvement
- Operational Efficiency



..Challenges Solved



- Outdated infrastructure
- Performance bottlenecks
- Security concerns
- Scalability limitations
- High maintenance costs
- Higher time to market
- Technical debt
- Compliance and Regulatory Requirements
- Operational Inefficiencies

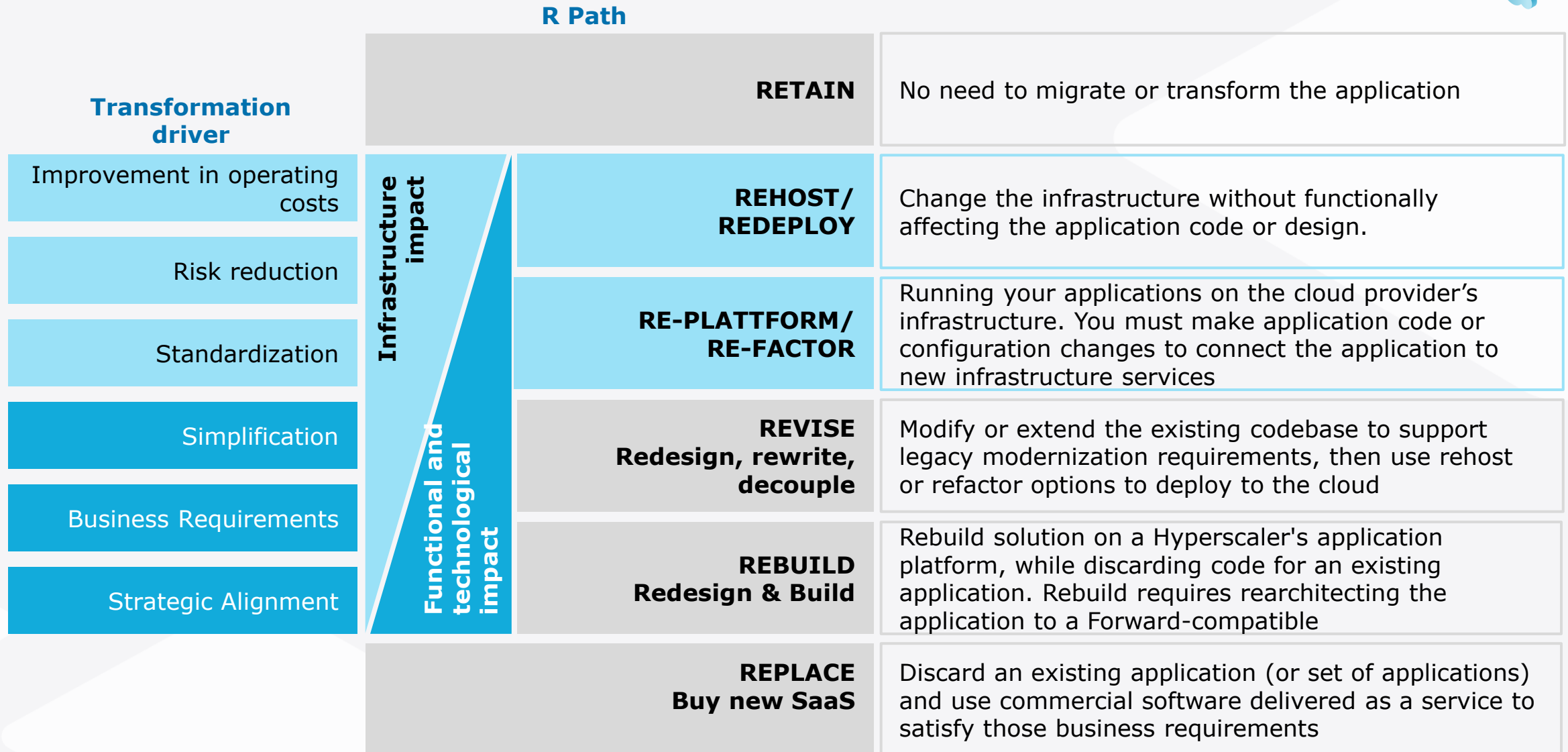


Market Trends

The cloud computing market is projected to surpass \$1 trillion by 2028 and \$1.6 trillion by 2030, with a CAGR of 17.43% through 2030

The global cloud security market is expected to increase from USD 40.7 billion in 2023 to USD 62.9 billion by 2028, indicating a significant growth trajectory

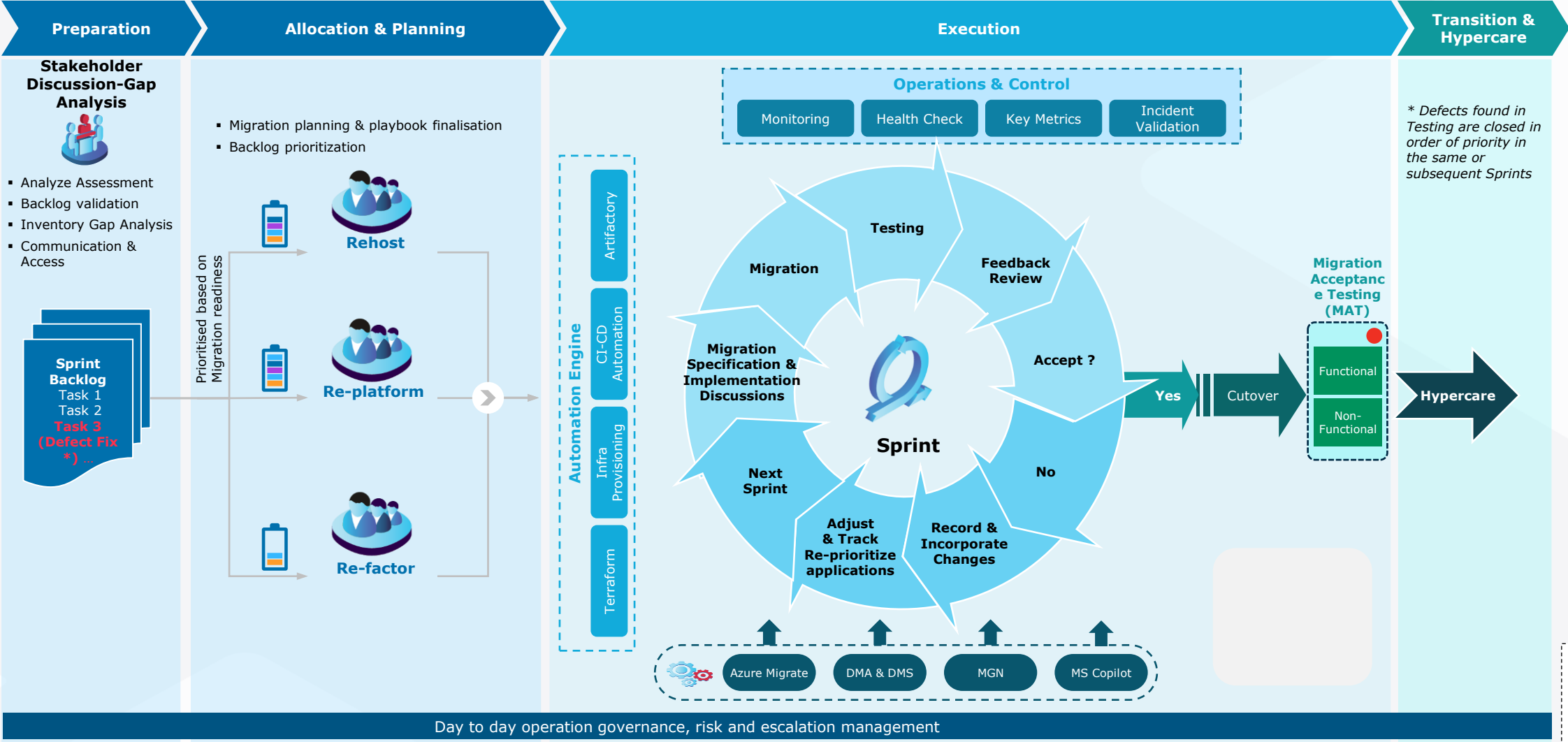
How to approach to Cloud effectively



Our offerings

| | Rehost | Redeploy | Re-platform | Re-factor |
|--------------|-------------------------------|--|---|--|
| Applications | Moved as-is to the cloud | Restructured to leverage cloud-native services | Redeployed with minor modifications (e.g., migration of a Node.js app to Azure App Service). | Rewritten or restructured for better performance and scalability |
| VM | Migrated without modification | Optimized for cloud environment | Redeployed with minor configurations (e.g., migrating Hyper-V VMs to Azure VMs). | Redeployed with minor configurations (e.g., migrating Hyper-V VMs to Azure VMs). Rewritten or restructured for better resource management and scalability |
| Database | Moved as-is to the cloud | Redesigned to use cloud-native databases | Migrated with slight optimizations (e.g., moving a MySQL database to Azure Database for MySQL). | Restructured and optimized for better performance and scalability (e.g., migration of a monolithic database to a distributed NoSQL database like MongoDB Atlas). |
| Tools | CloudBoost, AzureMigrate, | CloudBoost, AzureMigrate, | Reference Architecture CloudBoost Code Analyzer OneDeploy | Reference Architecture CloudBoost Code Analyzer OneDeploy |

How we deliver



| Sprint Planning Meeting | Daily Scrum Meetings | Sprint Review | Retrospective Meeting |
|---|--|--|---|
| <ul style="list-style-type: none">Review Migration BacklogEstimate Sprint BacklogCommit | <ul style="list-style-type: none">Activities done since last meetingPlan for todayImpediments / Accelerators | <ul style="list-style-type: none">Demo Progress to clientEarly feedback | <ul style="list-style-type: none">"Retrospective" on the Sprint (good practices / improvements for next Sprint) |

What Makes It Unique

01

Focus on Technology & Methodology for value delivery & innovation

02

Infused GenAI for enhanced productivity

03

Compliance with Green IT principles

04

Accelerated delivery using Assets & Accelerators across all phases of migration

05

Pre-existing, established POD teams, optimized with the right Agile tools and skillsets

06

Automation through DevSecOps practices and CI/CD pipelines

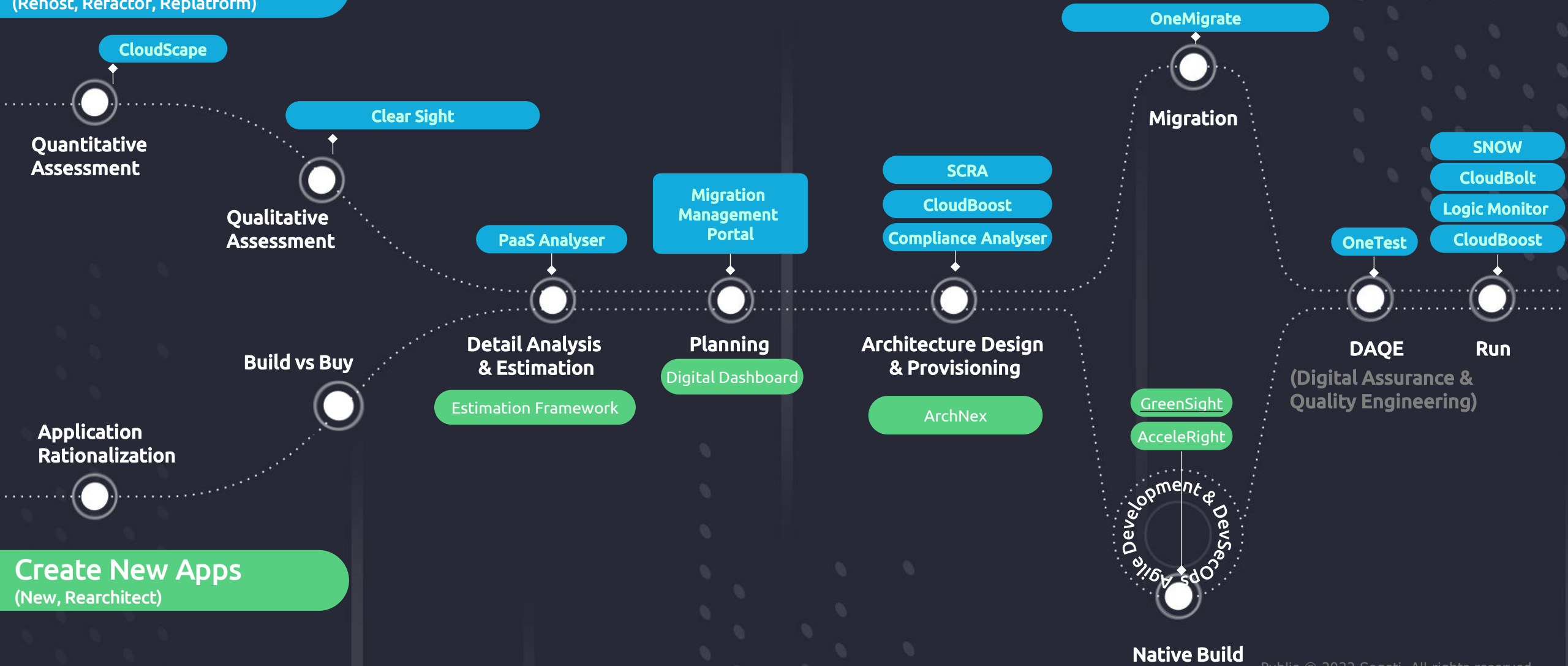
07

100% certified engineers and architects with deep expertise in cloud



Modernization Journey

Modernize Existing Apps (Rehost, Refactor, Replatform)



Accelerators

01

ArchNex

AI enabled tool to identify architectural gaps and suggest recommendations based on WAF principles. Allows to gather ARR and show cost optimization levers.

02

Code Analyzer

Code Analyzer is a Capgemini proprietary accelerator which enables us to read the code repository and provide insights about non-compliance in the code for migration to the cloud.

03

Cloud Reference Architecture (SCRA)

SCRA is Capgemini cloud reference architecture helps to map the customer application & EAI requirements with readily existing design patterns & principles to expedite the design phase.

04

CloudBoost

CloudBoost is a structured library of ARM and CloudFormation templates used to provision independently deployable secure cloud landing zone components which can evolve independently.

05

Reusable code blocks for NFRs

Reusable code snippets while re-platforming to PaaS services to support NFRs like logging, monitoring, authentication etc

06

OneTest

OneTest is our cloud testing framework mapping the different "R" patterns with multi-testing scenarios across functional, security, API, performance, integration & environment provisioning testing.

07

OneMigrate Framework

OneMigrate framework is set of assets used during the migration lifecycle for enabling the migration workflow. It contains TO-BE templates, migration runbooks, cutover steps etc

08

Carbon Calculator

Capgemini proprietary adaptable framework to enable the measurement of carbon impact across a broad range of sectors and projects in addition to assessing impacts of our project delivery teams to create and authentic estimate of the overall impact

Customer Cases

| | Large Insurance Firm | American Healthcare Company | American Retail Store |
|---|--|--|--|
| What was the client business objective? | <ul style="list-style-type: none"> Strategic cloud transformation program globally to meet long term modernization goals | <ul style="list-style-type: none"> Minimizes any additional investment into legacy/transitionary on-premises applications and infrastructure | <ul style="list-style-type: none"> Kroger intend to gain maximum benefit with cloud like cost saving, resiliency, performance improvement, auto scaling by modernizing and migrating apps to cloud |
| Why did the client choose Modern Apps? | <ul style="list-style-type: none"> Reduce infra compute & operational cost Leveraging standardized Cloud PaaS auto scaling & availability features Cloud enabled Security, Data Privacy, Architecture | <ul style="list-style-type: none"> Reduce infrastructure cost upto 27% with right shift towards committing to sustainability goals. Cloud enabled Security, Data Privacy, Architecture Automated deployments using One Deliver cloud boost libraries and One Deploy. Highest degree of automation to deploy application (COTS & CUSTOM) with their underline infrastructure. | <ul style="list-style-type: none"> Enterprise Scale Cloud Foundation Provisioning Performance efficiency & Operational excellence Cost optimization & faster time to market |
| How did we achieve the solution? | <ul style="list-style-type: none"> Start with medium complex pilot, validate our methodology and alignment with SMEs 30% effort saving using Code Analyzer for application code detailed analysis 20% - 40% effort saving for platform & app deployment Squad based feature teams (from a vast talent pool of specialized Cloud resources) for higher migration efficiency | <ul style="list-style-type: none"> Fixed cost, flexible staffing: Swap team roles as needed. Customer-embedded PODs for seamless collaboration Accelerated migration approach to the cloud through the migration factory model | <ul style="list-style-type: none"> Proposed a managed capacity approach to migration leveraging Capgemini's Global Cloud Services Team App Modernization Cloud Accelerators along with our proven POD model teaming approach to focus on productive modernization through factory approach |
| IT Landscape | <ul style="list-style-type: none"> 60+ Applications Deployment across 20 Countries | <ul style="list-style-type: none"> Terraform, Ansible, Chef, GitLab, Lucid Chart, Windows, Linux, COTS | <ul style="list-style-type: none"> 142 Apps, ~900 VMs |

Why us?

One-stop shop with an end-to-end cloud transformation offering

Applications +
Infra + Security +
Testing all under
one umbrella

100% certified
strong resource
pool, trained on
varied and latest
technologies

Our accelerators
increase speed and
efficiency of cloud
transformation by
40%



25+ years as a Microsoft partner

Microsoft's technology together with Capgemini's industry expertise has helped thousands of clients in their cloud transformation journey



3000+
Microsoft Trained
Sogeti Team
Members



1500+
Azure
Certifications for
Sogeti



Industry Recognition



Recognized as a Leader in Everest Group's Cloud Services in Insurance PEAK Matrix® 2023



Tenth consecutive year to received a Pega Partner Innovation Award



2024 Microsoft Migration to Azure Partner of the Year Award



Expert Managed Services (MSP) Provider - Kubernetes on Microsoft Azure

**2024
Accreditation:**

Low Code Application
Advanced Specialization



Microsoft solution partner
Business Applications – Low
Code Application Development

About Sogeti

Part of the Capgemini Group, Sogeti makes business value through technology for organizations that need to implement innovation at speed and want a local partner with global scale. With a hands-on culture and close proximity to its clients, Sogeti implements solutions that will help organizations work faster, better, and smarter. By combining its agility and speed of implementation through a DevOps approach, Sogeti delivers innovative solutions in quality engineering, cloud and application development, all driven by AI, data and automation.

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 340,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering, and platforms. The Group reported in 2023 global revenues of €22.5 billion. Get the Future You Want.

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