# AZURE MIGRATION SERVICE

Presentation Deck - 2023

**Computacenter**

# BROAD AZURE MARKET EXPERIENCE

## OUTCOME BASED SERVICES | CO-CREATION | SKILLS AUGMENTATION | RESOURCE ON DEMAND

| serco | LLOYDS BANK | ASDA | Reckitt Benckiser | Microsoft Azure |
|---|---|---|---|---|
| Enterprise Azure Landing Zones | AzureStack | Azure Engineering | Azure Landing Zones | Multi-cloud |
| Automated Developer onboarding | Migration to Azure vmWare | DevOps Enablement | Next Gen Firewalls in Azure | Automation |
| Cloud Engineering | Azure Well Architected Review | Multiple Projects | Micro Segmentation | Security |
| **Foreign & Commonwealth Office** | **RSIndustrialServices** | **HAYS** | **FCA** | App modernisation |
| | | | | Cloud native platforms |
| Application Migration Assessment | Azure Landing Zone | Azure Landing Zone | Azure Landing Zone | DevSecOps |
| Azure Landing Zone Build | Cloud Migration | CI/CD Pipeline integration with Managed Services | Management Tooling | Devops toolchain |
| Image Lifecycle Management | Ongoing Support | Configuration Factory | CCoE Discussions | CCOE |
| | | | | FinOps |
| **Rolls-Royce** | **AstraZeneca** | **NHS Worcestershire Acute Hospitals NHS Trust** | **Freshfields** | Observability |
| | | | | Cloud migrations |
| Azure FinOps | Azurestack Deployment | Azure Landing Zone | Azure Landing Zone | Landing zones |
| Azure Subscription management | AWS to Azure Migration | Application Migration Assessment | Cloud Migration | Cost optimisation |
| Secure Azure Landing Zone | Containers PS | Digital Health Care Record | Ongoing support | CCOE augmentation |
| | | | | Resource on demand |

# OUR CUSTOMER'S COMMON CHALLENGES

Undertaking large scale migration and transformation programmes is complex, especially when there can be several options for what the target state of each application could be.  This process is further impacted by the challenges here.
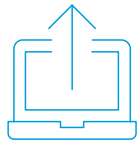
## UNQUALIFIED CLOUD MIGRATION

Cloud migration isn't easy, and customers are often pressurised from multiple angles to make unnecessary transformational changes that fundamentally impact their business.
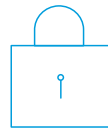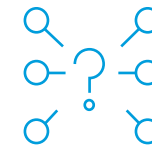
## LEGACY APPLICATIONS

Existing business applications are not typically configured for a public cloud environment, and just migrating them does not automatically upgrade them.
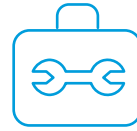
## END OF LIFE SERVICES

Ageing infrastructure, unsupported software or legacy facilities presents risk and is seen as 'additional tasks requiring further investment'.

## COMPLEX ENVIRONMENT

Large infrastructure and application estates are inherently complex, with accumulated technical debt and incomplete configuration information adding risk and uncertainty to migrations.
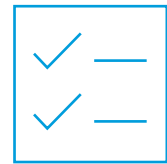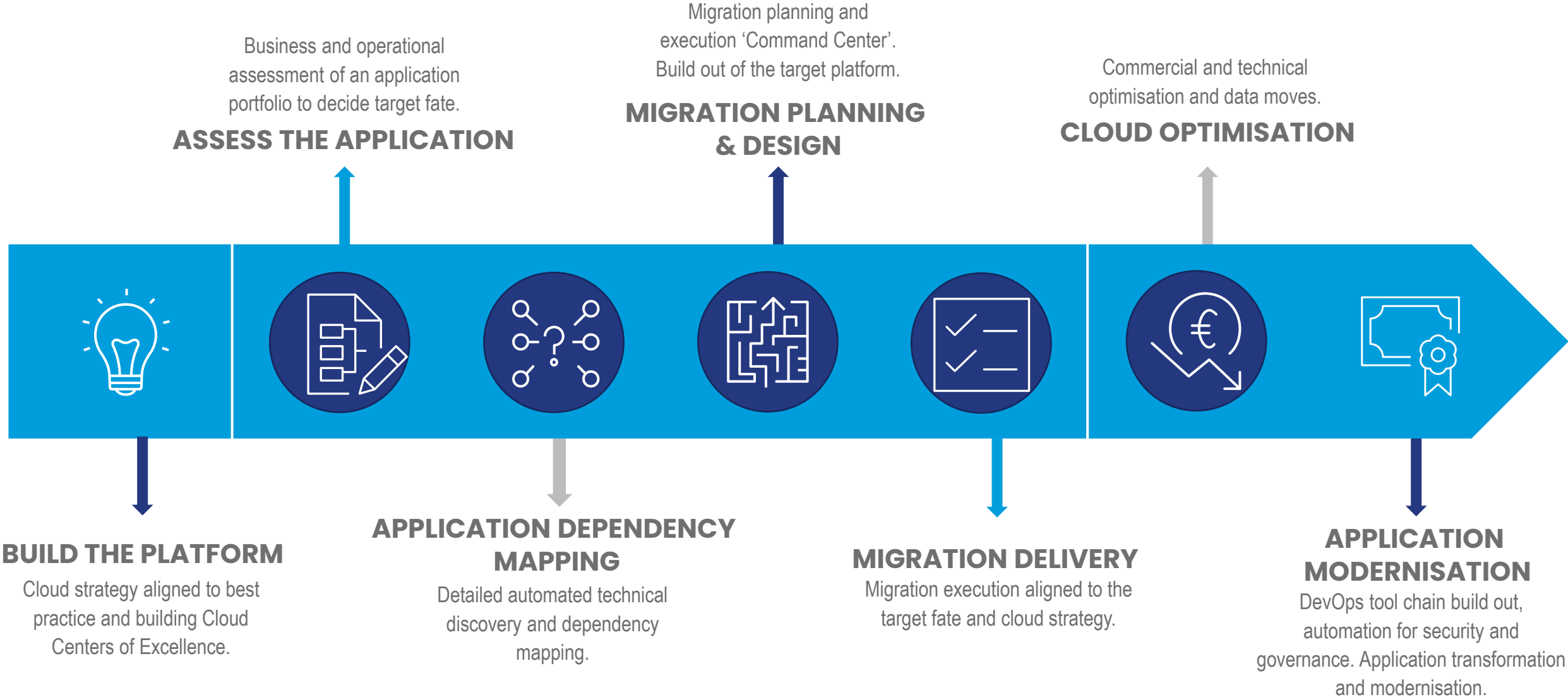
## BUSINESS CASE

Creating a clear Business Case to justify the investments and clearly articulate the benefits of migrating an application can be complex without the right information.

# THE TRANSFORMATION JOURNEY

**Business and operational assessment of an application portfolio to decide target fate.**

**ASSESS THE APPLICATION**

**Migration planning and execution 'Command Center'. Build out of the target platform.**

**MIGRATION PLANNING & DESIGN**

**Commercial and technical optimisation and data moves.**

**CLOUD OPTIMISATION**

**BUILD THE PLATFORM**
Cloud strategy aligned to best practice and building Cloud Centers of Excellence.

**APPLICATION DEPENDENCY MAPPING**
Detailed automated technical discovery and dependency mapping.

**MIGRATION DELIVERY**
Migration execution aligned to the target fate and cloud strategy.

**APPLICATION MODERNISATION**
DevOps tool chain build out, automation for security and governance. Application transformation and modernisation.

# DECIDING APPLICATION MIGRATION OUTCOMES / STRATEGIES

| BUSINESS DISCOVERY | > | ANALYSIS | < | TECHNICAL DISCOVERY |
|---|---|---|---|---|

| RETIRE | RETAIN | REHOST | REPLATFORM | REPURCHASE | REARCHITECT |
|---|---|---|---|---|---|
| Sunset the application | Maintain 'as is' | Lift and shift | Lift and refresh | Assess alternative technologies or procurement models | Re-design and re-architect |

**DRIVE EFFICIENCY**

**SHOW AGILITY**

**STAY COMPLIANT**

**COST**
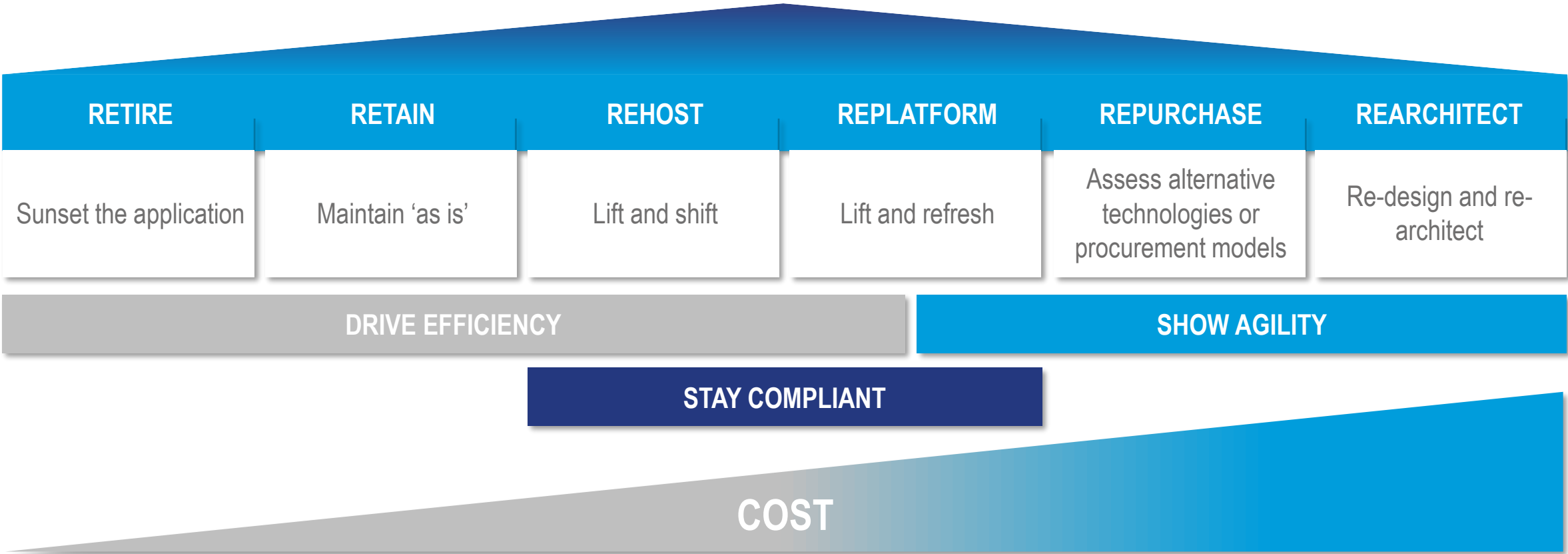
# APPLICATION MIGRATION ASSESSMENT APPROACH

# PROVEN METHODOLOGY

**Application Migration Assessment**

**Expert Consultants**

Microsoft Azure

**Detailed Discovery**

**Migration Planning**

**Migration Execution**

**Application Migration Discovery**
- Correlated Data
- Automated Discovery
- Dependency Mapping

Replatform
Rehost
Rearchitect

**Application Migration Orchestration**
- Automated Schedules
- Automated Run Books
- Design Creation
- Test Plans
- Landing Zones

**Application Migration Delivery**
- Tool Driven Execution
- Automated Scheduling & Execution
- Automated Cutover

**Factory Migration Team**

**Migration Orchestration**
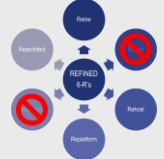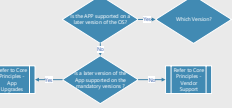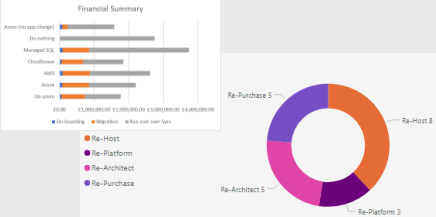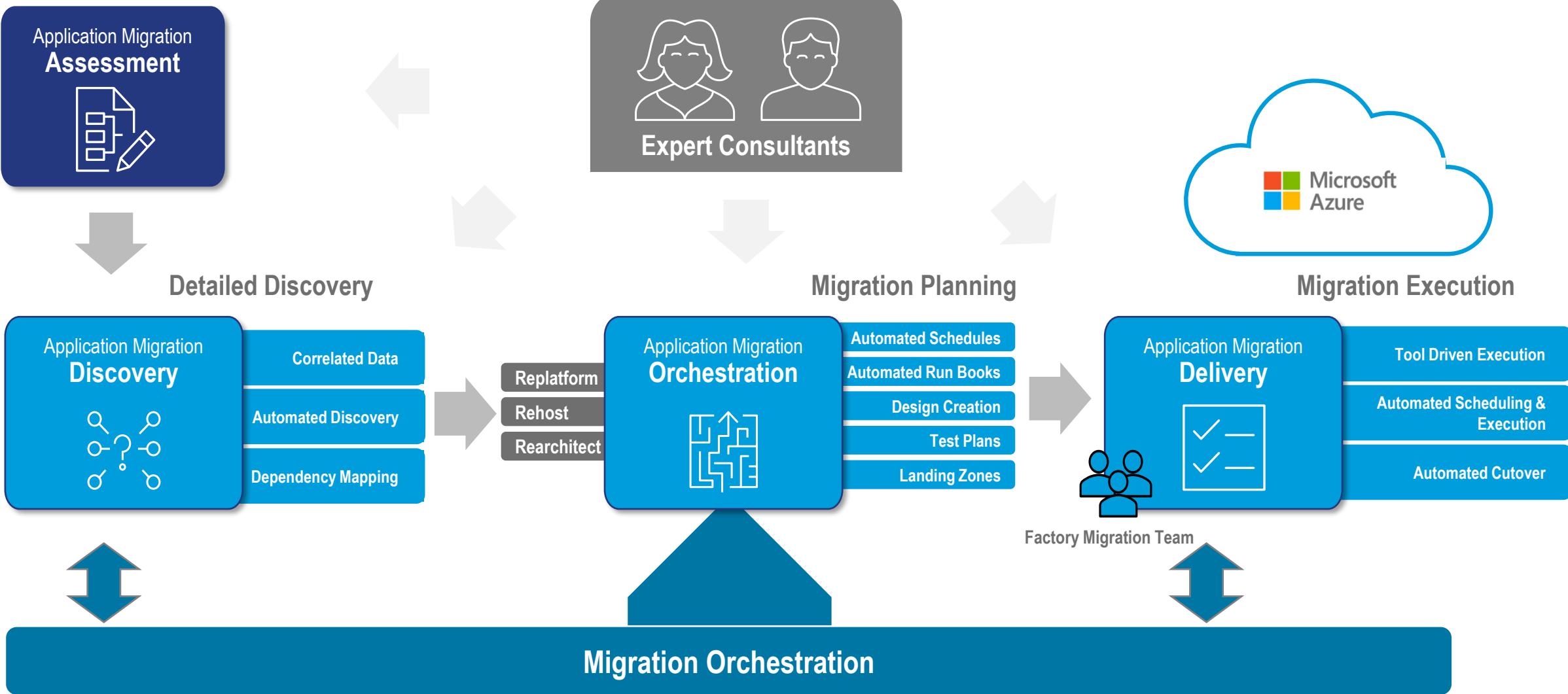
# DELIVERING SUCCESSFUL MIGRATIONS

**Migration Engineering**

**1**

Migration Plans

Resource Plans

**2**

Change Approval

Go / No Go

**3**

Testing / Cutover

Hypercare / Handover

**Orchestration and Automation**

**Project and Stakeholder Management**
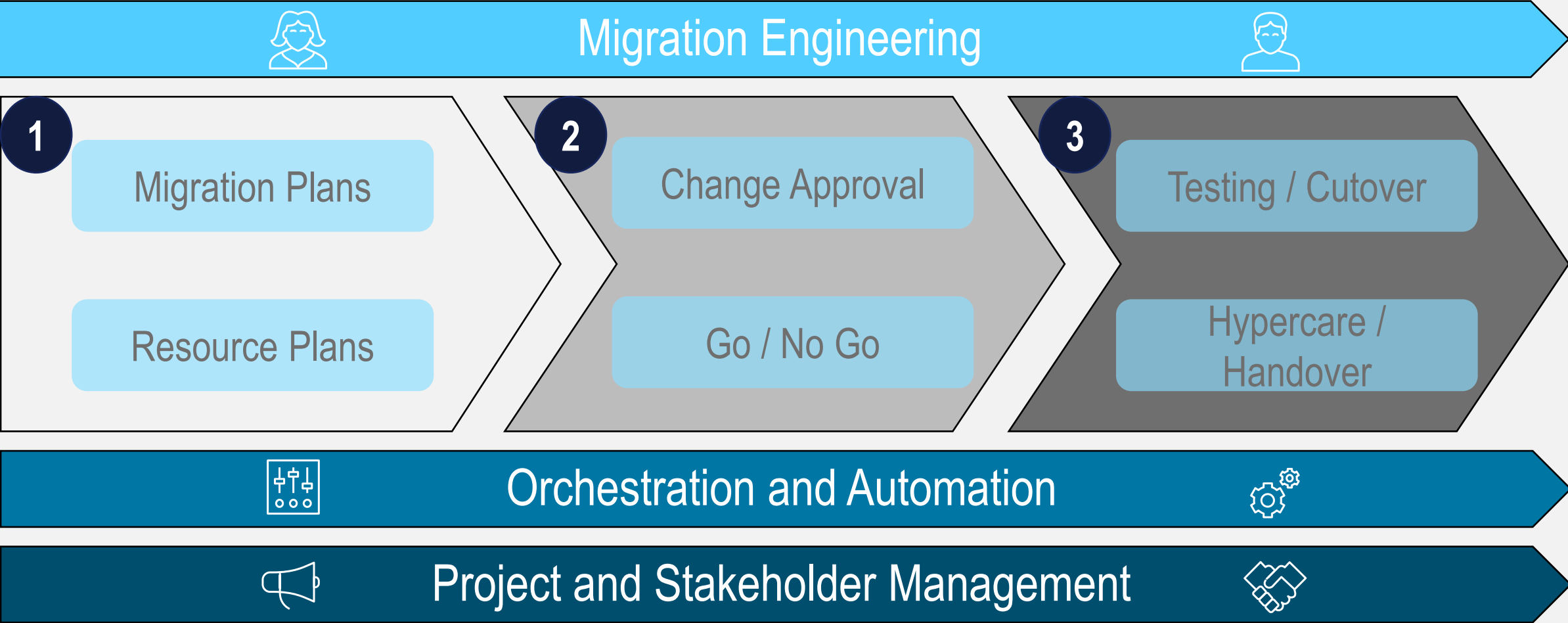
# CUSTOMER EXAMPLES

Virtual and physical migration from data centre in the Netherlands to Dublin to enable AerCap to relocate their office to Dublin in 9 migration events.

Application discovery and transformation planning for upgrade and migration to cloud – public testimonial at youtube.com/watch?v=oKoNgPoxDqE

Dual private cloud data centre deployment and migration services for critical legal data.

# CLOUD AND DATA CENTER EXPERTISE

## Our People



**370+**
Consultants

**190+**
Project Professionals

## Technical Accreditations and Awards

DELL/EMC Hyper-converged Infrastructure Credential

HPE Master ASE

Microsoft Specialist: Architecting Microsoft
MS Gold Cloud Productivity & Platform competency
MS Gold Data Platform competency

Partner of the Year & Cloud Partner of the Year

EMEA Converged Partner of the Year

150 + Certifications

## Our Partners

# REFERENCES

Full data centre migration from CIE data centre facility to Vodafone co-location facility.

Data centre discovery and analysis activity, followed by data centre migration

Application and server discovery and upgrade and migration planning

https://www.computacenter.com/uk/customers-and-industries - further customer references and testimonials available online