

# Route to Live – Multinational conglomerate company

## Challenges

- Monolithic deployment architecture
- Disparate Toolchain
- Non scalable Branching strategies
- API Versioning is not followed
- Dependent Deployment artefacts – Ex -ESB, Pega etc. & Longer build duration
- Single environment for all changes
- Up to 24 weeks for a release
- Limited adoption – automation & quality gates
- Lack of security adoption
- 7 weeks for requirements
- Agile Culture & DoD, process, Product dependencies, Self Organization
- Risk management is manual and taking longer time
- Manual testing up to 8 weeks in SIT phase
- Limited automation coverage
- Higher defect leakage after few months of releases including regulatory defects
- Heavy focus on later stage E2E Testing

## Solution

- RTL enablement & Roadmap
- BluePrint as a code (Automated provisioning of Azure Landing Zone)
- DevOps (CI/CD) pipeline implementation on cloud
- Microservices based Application Architecture
- Building Elements & Deployable with Low Code. Containers & reusable patterns (Azure DevOps & Terraform)
- Azure Cost Management
- Controlling access to sensitive data
- Infra as Code
- Agile Transformation
- Automated Governance
- ERA, VISTA
- Mindset Shift – SaaS > PaaS > IaaS
- Multilayer test automation & QE Transformation
- Contract Testing to shift left component integrate test
- Data Virtualization using Delphix & App Resilience Test

## Value delivered

- 90% Reduction in Full Stack Environment Provisioning Time
- Ideation to Live down to 2 weeks from 24 weeks
- < 5% Defect Escape Rate
- 0 Expertise needed for Infra provisioning