

# AWS Cloud Migration of IIB services

A pan-African investment, savings, insurance, and banking group



A pan-African insurance company wanted to move away from IIB ESB architecture to a more resilient and robust microservices-based serverless architecture using AWS cloud-native features.

Over 10+

technology stack  
the integration  
applications built

930+ Integration  
Applications

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## CHALLENGE

- The client has embarked on a journey to migrate current on-premises services to AWS by 100% remote means
- One of the key steps in this journey is the migration of services which currently deployed on IBM stack to AWS Cloud
- The client would like to move away from the current IIB (IBM Integration Bus) ESB architecture to a more resilient and robust microservices-based serverless architecture using AWS cloud native features (serverless)

## SOLUTION

- ITC Infotech deployed a scrum team to deliver the Migration services in an agile sprint delivery model in ~5 months
- Sprint0 will be used to build frameworks, utilities finalization, test strategy and ramp up. Subsequent sprints will deliver tranches of Services migrated to UAT/Production in a factory model approach on a monthly release cycle
- Migration activities will be to rebuild the existing IBM Services in AWS Native Services, Functional and Non-Functional (performance / security) testing of identified services and benchmark.
- Discovery of Bizagi Services and Complexity categorization of other IOP services (930 Minus 50)

## RESULTS

- **930+** Integration Applications on diversified set of technologies
- Part of due diligence Migrated 4 Bizagi services to AWS native
- Conducted functional and nonfunctional (load, Performance, Stress, security) testing
- Documentation and deployment pipeline
- Handover services and knowledge sharing with the client stake holders