APP MODERNIZATION POC

REPLY
VALOREM

ENGAGEMENT OVERVIEW

Who Is It For?

Enterprises interested in improving the functionality and stability of legacy business apps at scale.

Goal

Demonstrate the viability of modernization as a key component of your larger cloud strategy while improving app functionality and reducing migration costs through Azure platform services.

Outcomes & Deliverables

- Prioritized legacy app portfolio with identified modernization opportunities.
- Accelerated cloud readiness and Azure adoption.
- Identified technical challenges.
- Asset life cycle plan & OPEX vs CAPEX strategy.
- Repeatable & scalable process for Azure migration.

1 APPLICATION ANALYSIS

Our experts assess your current on-premises application and database for cloud compatibility to determine the most cost efficient platform and modernization journey for reaching your goals.

2 CLOUD ARCHITECTURE

Based on app and database analysis results our experts will recommend the best modernization approach for your goals, budget and timeline. Then we'll design the intended cloud architecture and migration plan with detailed Azure services outlined, delivering a repeatable framework for app migration.
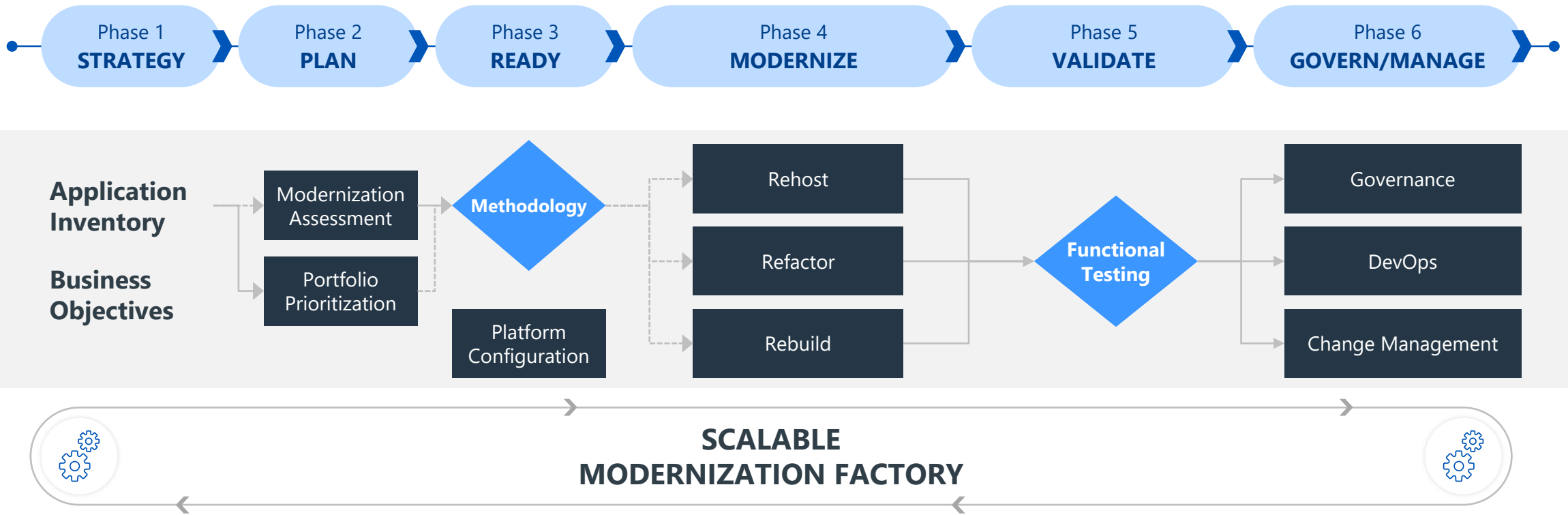
3 APPLICATION MIGRATION

Deployed Azure application with detailed plan and subsequent results, including overall timeline and finalized cloud architecture to inform and accelerate app migration time.

APP MODERNIZATION – OUR APPROACH

Our enterprise-proven modernization framework takes a strategic, phased approach ensuring that the process aligns with business requirements while driving acceleration and efficiency of the migration. Our deep expertise across the 3 modernization methods facilitates success and organizational knowledge transfer.

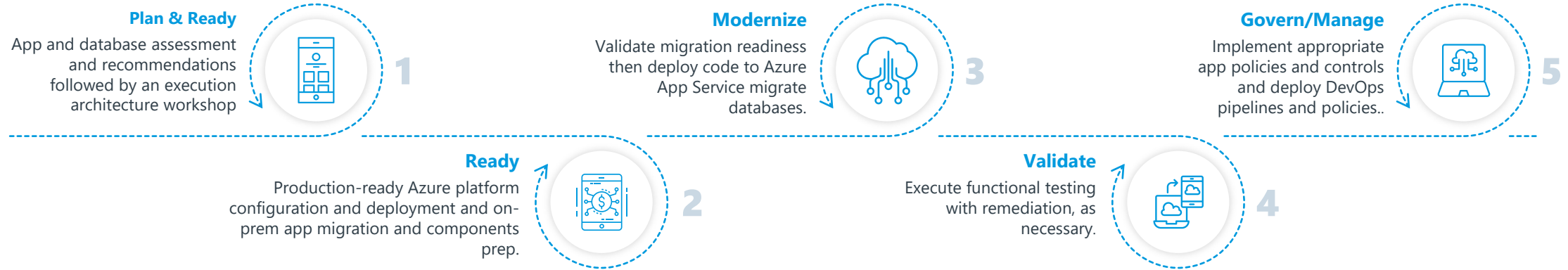| Phase 1 STRATEGY | Phase 2 PLAN | Phase 3 READY | Phase 4 MODERNIZE | Phase 5 VALIDATE | Phase 6 GOVERN/MANAGE |

Application Inventory

Business Objectives

- Modernization Assessment
- Portfolio Prioritization

Methodology

- Platform Configuration

- Rehost
- Refactor
- Rebuild

Functional Testing

- Governance
- DevOps
- Change Management

SCALABLE MODERNIZATION FACTORY

APP MODERNIZATION POC AGENDA

Plan and Ready Weeks 1-2	Ready Week 3	Modernize Week 4-6	Validate Week 7	Govern/Manage Week 8
Architecture Workshop	Azure Platform Configuration	Application Migration	Functional Testing	Governance Deployment
	On-prem Prep	Data Migration		DevOps Configuration

Activities

Plan and Ready	Ready	Modernize	Validate	Govern/Manage
• Review all client provided materials prior to workshop • Review application modernization analysis • Execution architecture workshop	• Deploy and configure Azure platform • Prepare application for migration • Deploy necessary on-premises migration components	• Validate migration readiness • Deploy code to Azure App Service • Migrate database with Database Migration Service • Validate application functionality	• Execute functional tests • Document test results • Remediation as necessary	• Implement appropriate application policies and controls • Deploy appropriate pipelines and development policies

Deliverables

• Finalized Application Architecture • Migration plan and timeline	• Production-ready Azure instance	• Migrated application	• Validation results	• Manageable application environment • Configured development environment

APP MODERNIZATION POC

Transform & Enhance Your Legacy Business Applications at Scale

OUR PROCESS

Plan & Ready
App and database assessment and recommendations followed by an execution architecture workshop

1

Modernize
Validate migration readiness then deploy code to Azure App Service migrate databases.

3

Govern/Manage
Implement appropriate app policies and controls and deploy DevOps pipelines and policies..

5

Ready
Production-ready Azure platform configuration and deployment and on-prem app migration and components prep.

2

Validate
Execute functional testing with remediation, as necessary.

4

DURATION

4-8 weeks

DELIVERABLES

- Finalized Application Architecture
- Migration plan and timeline
- Production-ready Azure instance
- Migrated application with validation results
- Manageable application environment
- Configured development environment

OUTCOMES

- Modern, cloud-optimized application
- Documented, repeatable and scalable modernization process including technical challenges, organizational readiness, OPEX vs CAPEX strategies and prioritization of your legacy app portfolio.

APP MODERNIZATION POC

Summary

Demonstrate the feasibility and real business value of modernizing your business applications in preparation for cloud migration. Valorem's App Modernization POC is an agile way to introduce advanced functionality and performance into your business with more reliable and scalable critical business platforms.

Duration	🕐	4 – 8 weeks
Investment		$25,000 - $50,000 per application
Deliverables		• Finalized Application Architecture • Migration plan and timeline • Production-ready Azure instance • Migrated application • Validation results • Manageable application environment • Configured development environment
Outcomes		• Insight into the feasibility and real business value of modernizing your applications before deployment. • Prioritized legacy app portfolio with identified modernization opportunities. • Accelerated cloud readiness and Azure adoption. • Identified technical challenges. • Asset life cycle plan & OPEX vs CAPEX strategy. • Repeatable & scalable next steps for Azure migration.

THANK YOU

Matt Boudro
Director, IT Modernization

mboudro@valorem.com