

UNLOCK BUSINESS TRANSFORMATION WITH APPLICATION MODERNIZATION

A Comprehensive Checklist to Innovate and Evolve

Ready to transform your business by modernizing your legacy applications? This checklist is your guide to navigating the modernization journey with confidence, ensuring your technology aligns with your strategic goals and drives game-changing results.



STRATEGY & PLANNING

- Prioritization and Alignment
 - Prioritize applications based on business impact and criticality
 - Align modernization initiatives with business goals and strategies
- Plan a phased approach to mitigate risks and ensure iterative improvements
- Define the Minimum Viable Product (MVP) for each phase focusing on core functionality



CURRENT STATE ASSESSMENT AND ANALYSIS

- Application Portfolio Review
 - Conduct a comprehensive assessment of the current application portfolio
 - Identify redundant, obsolete, or underutilized applications for rationalization
- Evaluate the cloud readiness of existing applications and infrastructure
- Integration Landscape Analysis
 - Catalog integration points with other systems to ensure compatibility
 - Identify redundant, obsolete, or underutilized applications for rationalization
 - How is the maintenance of these integration tools carried out?
- Analyze the Total Cost of Ownership (TCO) for the current application landscape
- Document the business purpose, roles, and integration workflows for each application



FUTURE-STATE ARCHITECTURE DESIGN AND PLANNING



- Targeted Architecture
 - Map out the desired future-proof architecture that addresses current challenges
 - Identify applications and systems to migrate, consolidate, or retire
 - Evaluate the feasibility of containerization and microservices for legacy applications
- Integration Planning
 - Define integration requirements for the new architecture
 - Plan for the migration of existing integrations and the creation of new ones
 - Design a unified integration platform to support hybrid integrations, if any
- Incorporate modern security practices: zero trust, encryption, and automated controls
- Document the transitional and future state architectures, including application retirement and consolidation



TECHNOLOGY SELECTION AND ENABLEMENT

- Select programming languages, frameworks, and libraries based on project requirements
- Implement cloud platforms (AWS, Azure, GCP) for infrastructure, services, and managed offerings
- Adopt containerization (Docker) and orchestration (Kubernetes) solutions for portability and scalability
- Leverage integration and middleware tools for data streaming and processing
- Establish DevSecOps practices and implement CI/CD tools for automation
- Deploy monitoring, logging, and analytics tools for visibility and insights
- Explore IoT platforms and protocols for connected device integration
- Incorporate machine learning and AI capabilities for automation and analytics



EXECUTION AND IMPLEMENTATION

- Migration and Modernization
 - Migrate data, applications, and integrations to the new architecture using automated tools and processes
 - Refactor legacy codebase to improve maintainability, scalability, and performance
 - Optimize algorithms, data structures, and code quality using best practices
 - Incorporate design patterns, modularization, and dependency injection
 - Enhance user interfaces for modern, responsive, and accessible experiences
 - Implement responsive design principles & WCAG accessibility standards
 - Leverage low-code platforms and frameworks for rapid UI development

Testing and Quality Assurance

- Implement automated, continuous integration, and deployment
- Conduct user acceptance testing and quality assurance activities

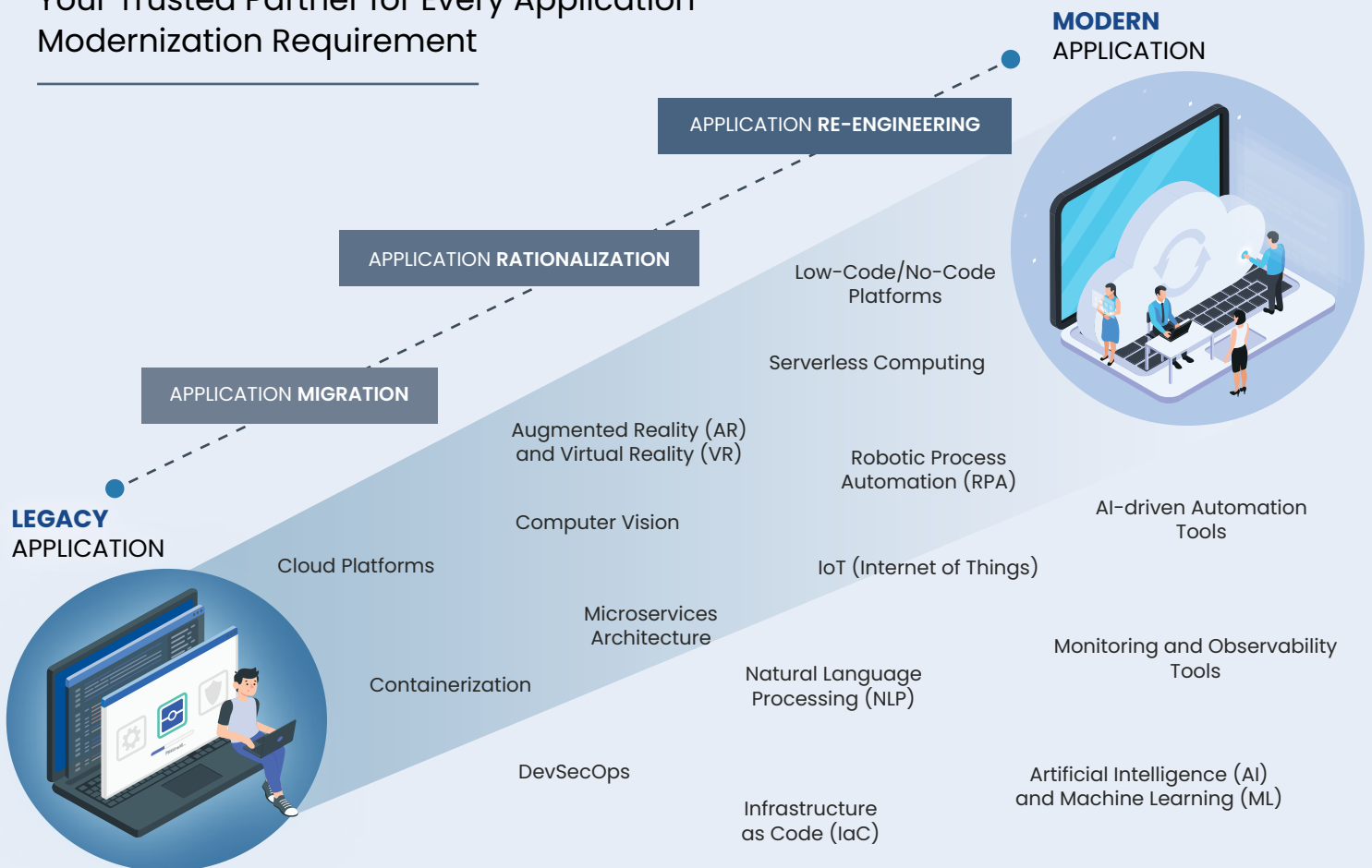


GOVERNANCE AND CONTINUOUS IMPROVEMENT

- Establish governance processes for the modernized applications
- Implement application lifecycle management practices for continuous improvement
- Facilitate proactive change management, communication, and user training
- Invest in upskilling developers, operations teams, and IT staff on modern practices
- Implement a feedback loop to gather insights and recommendations

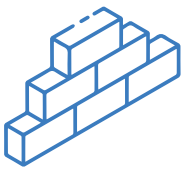
Utthunga:

Your Trusted Partner for Every Application
Modernization Requirement



Let's tackle this together!

We offer the building blocks for successful application modernization that can unlock agility, efficiency, and sustainable growth for your organization.



THE BUILDING BLOCKS FOR SUCCESSFUL MODERNIZATION



EXPERIENCE

1 million+ man hours



DOMAIN ACUMEN

Expertise in offering custom fit solutions to individual business use cases



PROCESS

Assess

Going beyond surface-level analysis, we uncover untapped potential and pave the way for transformative modernization strategies

Mobilize

We assemble a dynamic and multidisciplinary team of specialists equipped with the latest tools and technologies to kickstart your modernization journey

Modernize & Migrate

Through meticulous code refactoring, platform migration, and feature enhancement, we transform outdated systems into agile, scalable, and future-ready solutions

Rollout

Through rigorous testing, deployment, and post-implementation support, we deliver not just a product but a complete solution that drives measurable results and empowers your organization to thrive in the digital age



TECHNOLOGY STACK

End-to-end technology stack to drive efficiency, scalability, and agility in your applications (from cloud-native solutions like AWS and Azure to containerization technologies such as Docker and Kubernetes)



FRAMEWORKS / ACCELERATORS

Turbocharge your modernization journey with an arsenal of frameworks and accelerators



RESOURCE POOL

Pool of top-tier talent with diverse expertise and experience to fuel your modernization initiatives



PARTNERSHIPS

Strategic partnerships with industry leaders, technology vendors, and ecosystem partners



Join our two-day workshop to take the first step
towards modernizing your applications.

Register Now