DATA-DRIVEN CLOUD MIGRATION

Actionable insights on your application portfolio drive faster cloud migration
Tools for Assessment

Application Portfolio Assessment

- Business and Technology context
- Source Code and Database Analysis

Migration Planning

- 6 R’s of migration
- Transition Waves
Migrate with Confidence

Discover
Application, Server, Database Inventory

Execute
Replatform
Transform
Lift & Shift

Assess
Dependency Mapping
Transformation Guidance

Plan
Determine Target End State
Create Migration Waves

Tidal Migrations
Traditional vs Application Centric

Traditionally, companies spend 6+ months on network based discovery tools, and 40 hours per application assessment*. This leaves very little time to Plan and Execute migrations:

**DISCOVER** 6+ months | **ASSESS** 40 hrs per app | **PLAN** | **EX.**

Tidal Migration’s application-centric approach gives you the data you need sooner, leaving more time for transformative cloud migration approaches**:

**DISCOVER**  | **ASSESS** | **PLAN** | **EXECUTE**

Migrate faster, with better results.

*AWS Consulting average application assessment time
**Based on portfolio of 100 applications
Example Business Case

Traditional
- $6,000+ per app
- 6-12+ months
- Minimal Savings

Application Centric
- $2,500 per app
- 3 weeks
- 90%+ Opex Savings
A CASE STUDY

Highlights

Vertical: Education
Compelling Event: Data center lease expiring
Current spend on co-location: $384,000 per year (racks, power, network only)

Modernization process:
Discover opportunities to transform
Explore technical hosting options (cloud vs on-premise)

Recommendations:
Employ a multi-cloud strategy to enable app. modernization
Rationalize the application footprint

Results

40 Apps Analyzed
• Refactored 11
• Replatformed 13
• Rehosted 5
• Repurchased 4
• Retired 7

OpEx to: $60,000 p.a.
RoI: < 7 months
A CASE STUDY

Highlights

Vertical: Transportation
Compelling Event: Hardware Refresh Avoidance
Previous technology stack: AIX, Windows
Previous spend on hosting: $5,200,000 per year
Hardware refresh project: $50 mil avoided

Modernization process:
Replatform COTS applications from traditional IT mode-1 to an immutable infrastructure model.
Replace AIX with Linux, and use Terraform to standup environments with ease.

Results

8 Apps Analyzed

- Refactored: 0
- Replatformed: 5
- Rehosted: 3
- Repurchased: 0
- Retired: 0

OpEx to: $250,000 p.a.
A CASE STUDY

Highlights

Budgeted 2 years for Lift and Shift
Transformative in just 15 months

Vertical:
Public Sector - State/Provincial

Compelling Event:
Hardware Refresh Avoidance

Previous technology stack:
AIX, Solaris, Windows, Mainframe

Previous spend on hosting:
$2,070,000 per year

Hardware refresh project:
$15 mil avoided

Modernization process:
Rationalize applications, and migrate J2EE to serverless
Remove over 100 Critical + High CVEs
Refactor core applications that have high-levels of technical debt first, to enable faster transformation

30 Apps Analyzed

- Refactored 20
- Replatformed 5
- Rehosted 1
- Repurchased 2
- Retired 2

OpEx to: $80,000 p.a.
YOUR CLOUD JOURNEY

1. Review Company Objectives
2. Identify Discovery Sources
3. Organizational Skills Assessment
4. Application Inventory

5. Preliminary Application Assessment
6. Deep Dive Source Code + DB Assessment
7. Transition Requirements
8. Transition Wave Planning

9. Retire, Repurchase, Rehost
10. Refactor, Replatform, Retain
11. Policy Automation + Enforcement
12. Stabilization