DATA-DRIVEN CLOUD MIGRATION

Actionable insights on your application portfolio

drive faster cloud migration

tidal migrations
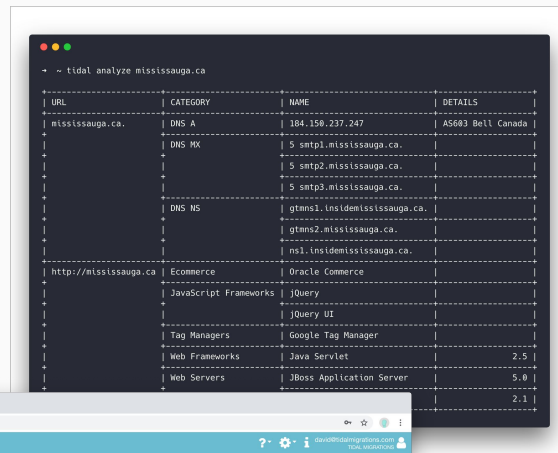
Approach

People

Platform

Tools for Assessment
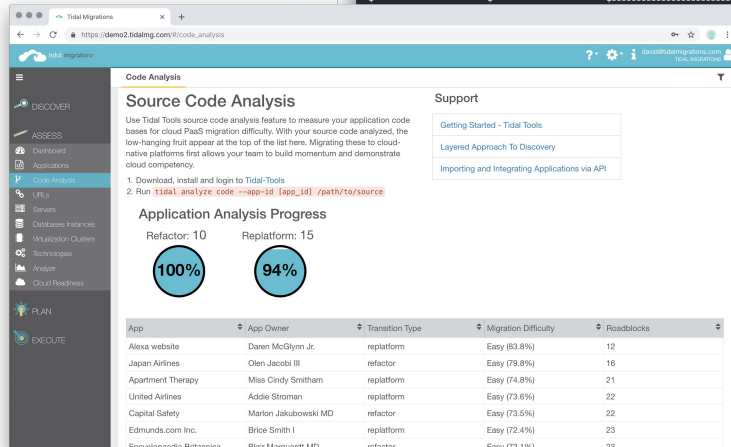
Application Portfolio Assessment

- Business and Technology context
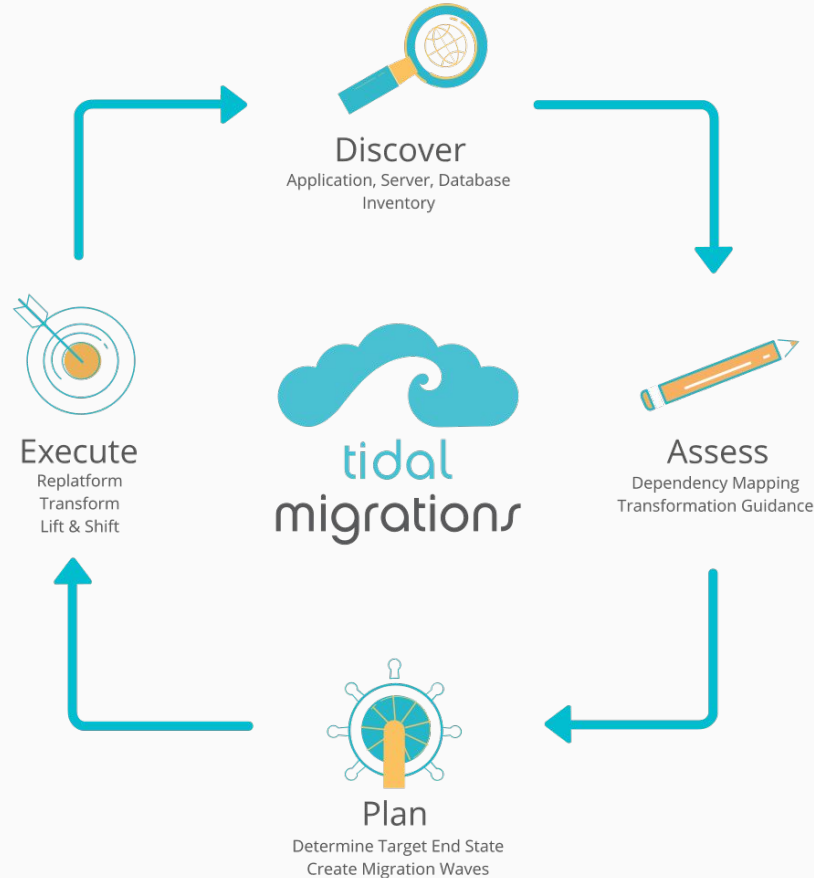- Source Code and Database Analysis

Migration Planning

- 6 R's of migration
- Transition Waves

Migrate with Confidence

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.

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

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

Results

Vertical:
Government
Compelling Event:
Previous technology stack:
Previous spend on hosting:
Hardware refresh project:

Public Sector - State/Provincial

Hardware Refresh Avoidance
AIX, Solaris, Windows, Mainframe
$2,070,000 per year
$15 mil *avoided*

30 Apps Analyzed

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

Modernization process:
Rationalize applications, and migrate J2EE to serverless

OpEx to: **$80,000 p.a.**

Remove over 100 Critical + High CVEs

Refactor core applications that have high-levels of technical debt first, to enable faster transformation

YOUR CLOUD JOURNEY

tidal migrations

1 Review Company Objectives

2 Identify Discovery Sources

3 Organizational Skills Assessment

4 Application Inventory

8 Transition Wave Planning

7 Transition Requirements

6 Deep Dive Source Code + DB Assessment

5 Preliminary Application Assessment

9 Retire, Repurchase, Rehost

10 Refactor, Replatform Retain

11 Policy Automation + Enforcement

12 Stabilization