ONICA PIPELINE DRIVEN MIGRATION

Declare war on lift and shift through continuous delivery techniques that bring acceleration and automation to any migration

For far too long we've believed that a lift and shift migration is the go-to method to get to the cloud. The reality – lift and shift is a method that is driven by duplicate, error-prone work that's niether scalable, reliable, cost-effective, nor manageable in the long-term. Instead, Onica developed a pipeline-driven approach to migration, which utilizes continuous delivery techniques to bring acceleration, automation, repeatable processes, and a clear operating model to any migration. Pipeline Driven Migration focuses on creating reusable templates and components, which are put in a pipeline for each application.

Onica's Pipeline Driven Migration creates workflows that support the environment post-migration enabling ongoing updates and maintenance, change control processes, and security/compliance audits. The adoption of modern, agile, workflows allows organizations to deliver applications and updates quickly.

Tactical

Our tactical deployment services team utilizes the right tooling and expertise to ensure you´re well-architected and optimized for cost savings.

Transitional

Our proven methodology for migrating to AWS utilizes a long-lasting, sustainable automation to ensure a simplified & repetable deployment.

Transformational

Development, testing and deployment processes are transformed to the latest technology and optimized through AWS tools for long-lasting ROI.

Why choose a Pipeline Driven Migration over Lift & Shift

LIFT & SHIFT MIGRATION	PIPELINE DRIVEN MIGRATION
Full of duplicate, wasteful & error-prone work	Deployment pipeline is built once & re-used for similar applications
More costly to migrate & operate, long term	Additional ROI from operational & tooling enhancements
Scalability & reliability are not improved	Cloud optimized apps leverage reliability, scalability & cost benefits
No ongoing management or updates	Apps are updated & managed using the same pipeline
No clean build– replicates on on prem cruft	Dev, test & prod deployment processes are transformed & upgraded
Done with 3rd party Migration tools which have limitations	Migration focuses on building long-lasting, sustainable automation

DevOps Transformation Engagement

PART 1 — On-site workshop (1 day)

- ✓ Overview of Pipeline Driven Migration
- ✓ Practical comparison of migration approaches:
  - ✓ Manual
  - ✓ Lift and Shift w tools
  - ✓ Pipeline Driven
- ✓ Introduction to managing Infrastructure as Code
- ✓ Hands on Labs: Onica ECB, Runway, & AWS Cloudformation

PART 2 — Deploy PoC Migration Pipeline (2-weeks)

- ✓ Identify PoC Pipeline Driven Migration workload / use case
- ✓ Discovery Sessions
  - ✓ Gather requirements
  - ✓ Produce PoC roadmap
  - ✓ Define PoC Success Criteria
- ✓ Define PDM toolchain, architecture, and workflow
- ✓ Deploy PoC PDM Pipeline, tailored to PoC workload/use case

PART 3 — Migrate PoC Application to AWS (4-8 weeks)

- ✓ Use PoC Pipeline from Phase 2 to migrate workload PoC to AWS
- ✓ Produce Documentation & provide Training for client IT team
- ✓ Identify low hanging fruit workloads for continued pipeline driven migrations
- ✓ Produce post PoC Pipeline Driven Migration roadmap
- ✓ Project wrap-up workshop & POC demo to stakeholders

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aws partner network

Premier
Consulting Partner

- IoT Competency
- DevOps Competency
- Big Data Competency
- Education Competency
- Healthcare Competency
- Migration Competency
- Microsoft Workloads Competency
- Storage Competency
- MSP Partner
- Public Sector Partner
- Marketplace Partner
- AWS Channel Reseller

Customer Success: Oil Services Co.

The Customer: One of the world's largest oilfield services company (Fortune 500)

What we did: Onica created a proprietary framework that was alternative to a traditional 'lift & shift' migration, building a series of CI/CD Pipelines that natively integrated with AWS Services (Auto Scaling, EC2, Lambda, CloudFormation & CodeDeploy) delivered through the Enterprise Delivery Framework.

The Outcome:

- ✓ Designed a highly functional conveyer belt (CI/CD Pipeline) to production, enabling groups to operate at 5x-10x efficiency

- ✓ Created a continuous delivery culture, emphasizing alignment with stakeholders across the organization

- ✓ Domino effect started with Transformation Team and ended with multiple, highly functional delivery teams, cut across traditional matrixed development organizations (e.g. Dev, QA, Ops, PMO)

- ✓ Revelations (and corrections) of misallocations, over-allocations, inefficiencies in process amounting to measurable dollar savings & new opportunities

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