

Cloud Platform Modernization

TRANSFORM WITH CONFIDENCE.

The safe transition,
from cloud-enabled
to cloud-native

We help organizations transform legacy or first-generation cloud infrastructure into **scalable, secure,** and **cost-efficient** cloud environments. From initial assessment to full modernization journey, we deliver a structured, low-risk path to cloud-native platforms.

IS THIS YOU?

- Corporate enterprises running first-generation cloud systems, now **looking to optimize costs.**
- Highly regulated organizations aiming for **resilience and compliance.**
- Overloaded DevOps teams encountering **scalability** or **performance challenges.**

WHAT WE DELIVER?

01.

Transformation Blueprint

- Cloud readiness assessment
- Infrastructure review
- Application analysis
- TCO estimation

02.

Migration & Modernization

- Build a solid foundation
- Establish a secure, scalable and resilient architecture
- Rehost, replatform, or refactor
- Minimal downtime migration

03.

Continuous Support

- Cost and usage optimization (FinOps best practices)
- Performance tuning
- Governance, security & compliance alignment

HOW WE DELIVER?



Discover



Diagnose



Design



Deliver



Rollout



Optimize

COERA's 4D Method

Managed Platform Phase

BUSINESS OUTCOMES

30-50%

Infrastructure cost
reduction



Improved system
reliability and scalability

3-5x

Faster deployment
cycles



Reduced operational
overhead

PROVEN RESULTS

Migrated a reputable FinTech infrastructure from traditional EC2 to EKS, resulting in...

70%

Less VMs
used

24x

Faster app
deployment

36x

Faster creation of
new environments



Letting the facts and figures tell the story:

RESILIENCE

What?	Before	After
Create a new deployment environment	3-4 Days	1-2 Hours
Total deploy time for applications	1-2 Hours	<5 Minutes

OPERATIONAL COMPLEXITY

What?	Before	After
Number of VM's	220	80
No. of monitoring environments	10 <i>Increased costs and impossible cross-environment queries (eg. which environment encountered disruptions in the past 24 hours)</i>	2 <i>Centralized monitoring (prod & non-prod)</i>
Cost savings (monthly AWS bill)	Undisclosed	30-35% less <i>...while providing more resources per environment</i>
Workload lifecycle ("pets" vs. "cattle")	All environments are "pets" <i>Unique, manually maintained</i>	All environments are "cattle" <i>Replaceable, automated</i>
Configuration drift	All resources prone to heavy configuration drift	Minimum drift <i>GitOps ensures environments match Git; manual changes are automatically removed</i>

SECURITY & COMPLIANCE

What?	Before	After
AMI upgrade	3-4 Months	2-3 Hours
VM access	SSH access needed for each VM	No direct VM access needed
Recreate an application environment from scratch	1-2 Days	1-2 Hours
Application backup duration	40-60 Minutes	Instant
Persistent changes	Resources are long-lived	Environments are ephemeral
Backup impact on application environments	High <i>Backups used CPU and I/O resources which affected the production environments</i>	None <i>Backups run separately from the production environments with no performance impact</i>

ARCHITECTURE

What?	Before	After
Application vs. Infrastructure coupling	Applications are coupled to the underlying infra VMs <i>The number of VMs matched the number of application instances</i>	No coupling <i>A single VM can run multiple applications. This enables better scaling and workload consolidation</i>

