



INDUS SYSTEMS
& SERVICES PVT. LTD.

CASE STUDY

**Empowering a Leading Financial
Infrastructure Provider with VMware VCF
Migration**

OVERVIEW

Solution Area(s): Hybrid Cloud
Industry Vertical: Finance

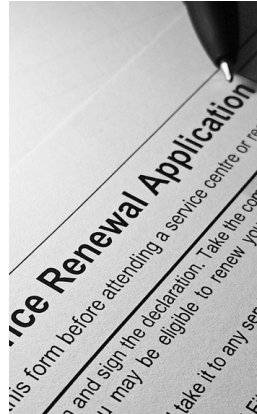
BACKGROUND

A major player in India's financial infrastructure sector faced an urgent need to modernize its virtualization platform, as its existing VMware vSphere environment was nearing license renewal. Given the mission-critical nature of its operations, any disruption to services could result in significant business impact. The organization required a solution that would not only maintain business continuity but also improve performance, scalability, and manageability.

To achieve this, the company partnered with Indus Systems and Services and technology vendor Broadcom. Together, they undertook a detailed assessment of the current infrastructure, defined the future-state requirements, and crafted a seamless migration strategy. The initiative focused on transitioning to a modern, future-ready virtualization platform—designed to optimize resources, support evolving workloads, and align with broader digital transformation goals.



CHALLENGES



The customer faced several key challenges:

Imminent vSphere License Expiry: Their current virtualization platform was nearing the end of its support lifecycle, requiring a quick yet structured migration to ensure continuity and compliance.

Cost Optimization: With Broadcom's new VMware VCF core-based licensing model in place, the organization needed to manage licensing costs while maintaining the required performance levels.

Infrastructure Modernization: They aimed to evolve from a traditional virtualization setup to a more flexible, cloud-aligned infrastructure capable of supporting dynamic business workloads.

Minimizing Risk: Maintaining uninterrupted financial services was critical. The migration had to ensure zero downtime and data integrity throughout the transition.

These issues necessitated a comprehensive solution that would address current limitations while future-proofing the IT environment.

OUR COMPREHENSIVE SOLUTION

Indus Systems and Services, in close collaboration with Broadcom, facilitated a smooth migration to VMware Cloud Foundation (VCF)—a next-generation hybrid cloud platform that combines compute, storage, and network virtualization with advanced management capabilities. Our approach began with a comprehensive assessment of the existing infrastructure, followed by a precise core-count sizing exercise to ensure licensing efficiency under Broadcom's guidelines. This enabled the customer to optimize costs while planning for future scalability.

Key Solution Components:

VMware Aria Operations: For proactive performance monitoring and capacity planning.

VMware Aria Operations for Networks: Delivering deep network visibility, analytics, and assurance.

VMware Aria Automation: Enabling infrastructure as code, self-service provisioning, and automation of IT workflows.

Core Infrastructure Virtualization: Compute, storage, and networking virtualization aligned with enterprise-grade SLA requirements.

These elements transformed VMware from a traditional hypervisor platform into a robust enterprise cloud infrastructure, ready to support the organization's mission-critical applications and dynamic growth plans.

IMPLEMENTATION HIGHLIGHTS

To ensure a smooth and cost-effective transition to the new VMware VCF environment, Indus Systems and Services collaborated closely with Broadcom to deliver a carefully planned and expertly executed migration. The focus was on maintaining business continuity while enhancing cloud capabilities, governance, and long-term scalability.

Joint Core Sizing with Broadcom:

- Indus and Broadcom conducted a collaborative core sizing assessment to right-size the environment. This helped optimize licensing costs while ensuring the infrastructure could meet current performance demands and accommodate future growth.

Expert-led Migration:

- The Indus Professional Services team carried out the migration with meticulous planning and zero downtime. Live workloads were transitioned without disruption, preserving data integrity and application performance throughout the process.

Seamless Integration:

- All Aria suite components were integrated into the new VCF platform with minimal downtime. This enabled rapid adoption of cloud automation, monitoring, and cost management features, enhancing IT operational efficiency.

Governance & Security:

- The solution incorporated robust security frameworks, policy-based governance, and built-in compliance controls. This ensured the new environment met regulatory standards and provided enterprise-grade protection from day one.

BUSINESS IMPACT

The successful migration to VMware VCF, led by Indus Systems and Services in partnership with Broadcom, delivered tangible improvements across cost, performance, and agility. By leveraging advanced monitoring, automation, and scalability features, the customer is now better equipped to support mission-critical workloads and future innovation.

Cost Optimization:

- Through a joint core sizing exercise, the organization was able to right-size its VMware VCF licensing. This ensured optimal cost-efficiency under Broadcom's new licensing model, while maintaining performance benchmarks across the virtualized environment.

Enhanced Performance & Visibility:

- The integration of Aria Operations and Aria Operations for Networks provided comprehensive insights into system performance, network flows, and potential bottlenecks—empowering proactive management and smoother operations.

Operational Agility:

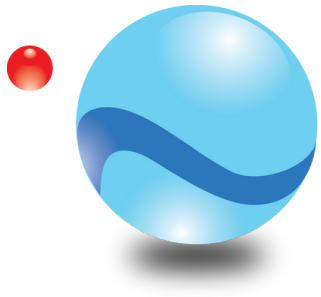
- With the automation layer enabled by VCF, the IT team can now deliver services more quickly, automate routine tasks, and reduce manual errors. This has significantly improved responsiveness to business needs and internal service levels.

Scalability & Resilience:

- Built on a modern VCF architecture, the new platform offers robust high availability, fault tolerance, and modular scalability. It supports seamless onboarding of new applications and users without major architectural changes or disruptions.

CONCLUSION

With the successful migration to VMware Cloud Foundation, this leading financial organization has unlocked a new era of digital agility, visibility, and control. Through strategic collaboration with Broadcom and the expert execution by Indus Systems and Services, VMware has evolved from a virtualization solution into a foundational digital platform. This initiative underscores Indus's commitment to delivering tailored, value-driven transformation for critical infrastructure clients.



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Get in touch with us to start your journey
towards a robust and future proof IT
infrastructure.



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