



Case Study : Microfinance Industry

Making Legacy Applications Cloud-Ready: AWS Cloud Migration for Svatantra Microfin

Svatantra Microfin, a next-gen microfinance entity empowering rural entrepreneurship—primarily among women—needed a **future-ready IT backbone** to support its rapid growth. With 800+ branches across 19 states, 2.1 million active customers, and 6,500+ employees, the company sought to migrate its legacy infrastructure to AWS Cloud. The goal was to **enable scalability, improve security, and strengthen operational resilience** as customer and workload demands continued to surge.

The Challenge

Svatantra's existing infrastructure faced several pressing issues:

- **On-Demand Scalability** : Legacy systems could not keep pace with rapid business growth.
- **Performance Bottlenecks** : Infrastructure struggled to support increasing workloads and user traffic.

At a Glance

Industry : Microfinance

Company : Svatantra Microfin

The Solution :

- Cloud migration
- MSSQL HA setup
- Cost Optimization
- Monitoring
- Managed Services

Business Impact:

- 40% cost savings
- Improved Security
- Disaster Recovery Readiness
- Faster time-to-market
- 24/7 uptime

- **Operational Inefficiencies** : Manual infrastructure operations delayed responsiveness and innovation.
- **Security Gaps** : The need for a stronger security posture to safeguard sensitive financial data.

The Solution

Flentas partnered with Svatanttra to execute a full-scale migration to AWS Cloud, modernizing their applications and enabling a secure, highly available architecture.

The solution included :

Compute & Networking

- Amazon EC2 for web services powering customer-facing mobile apps.
- ALB & NLB to ensure load balancing and seamless scalability.
- Amazon VPC to securely segregate UAT and production environments.

Database Modernization

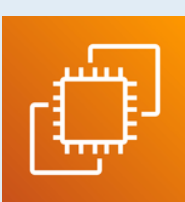
- Migration of on-prem MSSQL workloads to an always-on high availability cluster in AWS.
- Disaster recovery strategy with restore drills for ~5TB of data.

Security & Governance

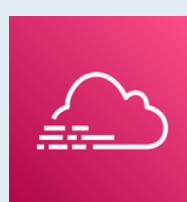
- AWS WAF for application security and geo-restrictions.
- AWS Systems Manager for automated patching.
- AWS CloudTrail for centralized audit logging and compliance.



AWS Services Used



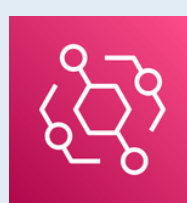
EC2



CloudTrail



VPC



Amazon EventBridge



ALB



AWS Savings Plans



NLB



CloudWatch



S3



SNS



AWS WAF



AWS Systems Manager



Storage & Optimization

- Amazon S3 for secure object storage.
- AWS Savings Plans to optimize compute costs.
- EventBridge for automated EC2 scheduling

Operations & Monitoring

- CloudWatch & SNS for real-time monitoring and alerts.
- Centralized compliance and workload visibility

Business Impact



40% Cost Savings through automation, cost optimization, and AWS Savings Plans.



24/7 Managed Services & Improved Uptime via proactive monitoring and incident resolution.



Disaster Recovery Readiness with MSSQL clusters and tested restore processes.



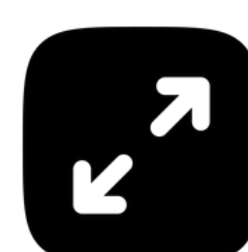
Centralized Monitoring & Compliance for audit-readiness and governance.



Accelerated Time-to-Market using modular API-driven design and serverless microservices.



Enhanced Security Posture with all critical vulnerabilities addressed.



High Availability & Scalability with AWS-native, on-demand architecture



Faster Product Launches supported by streamlined deployment pipelines.



Reduced Cutover Time with migration completed in just ~1 month.



Key Learnings



Early adoption of automation accelerates maturity and innovation.



Security must be embedded from Day 1



Segmenting workloads (UAT/Prod) improves scalability and control



Cloud-native architectures drive both cost efficiency and operational excellence.

Conclusion

By **migrating Svatanttra's** mission-critical applications to AWS Cloud, **Flentas delivered immediate operational gains and built a secure, scalable, and cost-efficient foundation** for future growth.



For more information on how our Migration solutions can transform your business, contact us at

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