

CASE STUDY

Securing Financial Innovation and Customer Trust

INDUSTRY Financial Services / Banking

USERS 4,500+

Suryoday Bank, one of India's leading Small Finance Banks, has successfully modernized its security infrastructure to support its digital transformation and ensure strict adherence to complex regulatory standards. By partnering with Skyhigh Security, the bank has replaced aging, siloed infrastructure with a cloud-native platform designed to protect its hybrid workforce and the sensitive financial data that underpins its business.

The Transformation: A Cloud-Native Security Strategy

Suryoday Bank embarked on a comprehensive security overhaul, selecting Skyhigh Security to establish a centralized and robust data protection framework.

The implementation focused on:

- **Unified Visibility and Control:** Implementing Skyhigh's Cloud Access Security Broker (CASB) and Data Loss Prevention (DLP) solutions to gain visibility into data movement across the entire environment.
- **Data-Centric Protection:** Utilizing advanced content inspection and contextual analysis to classify sensitive customer and business data effectively.
- **Centralized Policy Administration:** Moving away from fragmented, channel-specific tools to a single, scalable platform that streamlines security operations and reduces administrative complexity.

The Results: Enhanced Security and Operational Excellence

The strategic implementation of Skyhigh Security has delivered immediate, tangible benefits to both the organization and its customers.

Benefits to the Bank:

- **Regulatory Alignment:** The Bank has successfully met its primary goal of reaching full compliance with RBI guidelines and audit expectations.
- **Operational Resilience:** By replacing outdated systems with a cloud-native platform, the Bank has bolstered its cyber resilience, reducing the risk of data leakage and insider threats.
- **Increased Efficiency:** Centralized policy management and enhanced detection capabilities have significantly reduced the burden on security and compliance teams, allowing for faster incident investigation and response.
- **Granular Visibility:** The security team now has clear insights into data movement across the organization, enabling proactive risk mitigation.

THE CHALLENGES

Regulatory Compliance and Aging Infrastructure

As Suryoday Bank expanded its digital footprint to include retail, microfinance, MSME, and commercial banking services, it encountered significant security and operational hurdles:

- **Stringent Regulatory Requirements**

As a regulated financial institution, the Bank faced evolving expectations from the Reserve Bank of India (RBI). Achieving and maintaining full compliance with these strict government guidelines for data protection became a critical business priority.

- **Limitations of Legacy Systems**

The Bank's existing security infrastructure was insufficient to address the modern risks associated with cloud adoption and digital collaboration. The previous solutions lacked visibility into cloud-based applications, resulting in complex policy management, reliance on manual incident investigations, and inadequate contextual understanding of sensitive data.

- **Protecting a Hybrid Workforce**

With thousands of users and a diverse range of digital channels, ensuring consistent, scalable protection across endpoints, web traffic, and email was paramount.



Benefits to Customers:

- **Elevated Data Privacy:** Customers benefit from the enhanced protection of their personal identifiable information (PII) and financial data.
- **Reduced Risk of Disclosure:** The implementation significantly lowers the risk of unauthorized disclosure of sensitive data, providing a safer digital environment.
- **Strengthened Trust:** By prioritizing state-of-the-art security practices, the Bank has fostered greater confidence in its digital banking services, reinforcing customer trust in the institution's commitment to security.

Looking Ahead: Evolving Security with Advanced DLP

As Suryoday Bank continues to scale its digital ecosystem, it is already planning the next phase of its cybersecurity strategy. The Bank is currently evaluating the integration of **Advanced DLP add-on licenses** to move beyond traditional compliance and adopt a more risk-based approach to data security.

This future-looking strategy aims to deliver:

- **Proactive Insider Risk Management:** Deeper visibility into user activity to detect and prevent insider threats before they manifest.
- **Enhanced Contextual Intelligence:** Advanced analytics for more precise policy enforcement across cloud and hybrid environments.
- **SOC Integration:** Improved integration with the Bank's Security Operations Center (SOC) to drive automation in monitoring, investigation, and incident response.
- **Future-Ready Governance:** A robust framework that supports evolving data privacy initiatives, ensuring the Bank stays ahead of emerging threats in the digital financial landscape.

“The decision to replace our aging infrastructure was driven by the need for superior capabilities that could keep pace with our digital transformation. Skyhigh Security provided the right technology and local expertise to help us meet our regulatory, data sovereignty and business goals, and we are now looking forward to leveraging advanced DLP capabilities to further strengthen our cyber resilience.”

—Sumeet Narendra Mishra, CISO,
Suryoday Small Finance Bank



About Skyhigh Security

Skyhigh Security is dedicated to securing the world's data with cloud-native, data-aware security solutions that empower organizations to collaborate freely without compromising on security. Its market-leading Security Service Edge (SSE) portfolio focuses on protecting data use, enabling innovation and compliance across hybrid environments.

For more information visit us at skyhighsecurity.com