



# A Pragmatic Secured Access Solution with Multi-Factor Authentication

**Industry:** Financial Services

**Location:** Mumbai, India

**Client:** (Provided on request)

## Objective

Implement Multi-factor Authentication (MFA) in a Financial Services Company for providing secured and confidential access to their workforce and clients.

## Solution

- Secured and convenient access to Office 365 resources
- Authenticator options to fit user and policy needs
- Infusing behavioural analytics and intelligence to enhance identity assurance
- Comprehensive identity assurance to confirm user authenticity
- Minimal disruption to users' productivity

## Introduction

A leading financial services firm in India required end-to-end protection for their corporate assets and enterprise data. The solutions needed to be compliant and consistent with policy regulations across all locations.

A pragmatic security solution was implemented to offer robust enterprise data protection and ensure a good user experience. Both the factors are crucial to the on-going success of the business and to retain its competitive advantage. The solution included the RSA Multi-factor Authentication solution for 300 Users to secure on-board access and prevent any data breaches. The Identity and Access management approach was fully integrated with multiple solutions such as VPN access and internal portals to guarantee complete security of the information assets.

## Challenges

Cyber security attacks continue to grow in both frequency and sophistication for all industries, and the banking and financial sector is particularly impacted. Together the sectors account for more than 50% of all breaches according to the Identity Theft Resource Centre. An average of 108 breaches per month were recorded for financial services, which amounts to an average of 100 million sensitive records each month. Data breaches lead to irreversible damage to the brand reputation, interruptions in operations and loss of revenue. It's imperative for financial companies to safeguard themselves from cyber threats and plug in all vulnerabilities to remain in compliance with local and federal regulations. Under the Know Your Customer (KYC) procedures and Bank Secrecy Act, financial institutions are required to collect and store important information such as Aadhar Card Number (UID), full names, address, employment status, and previous business and financial activities.

Simple passwords and 2FA are no longer enough to safeguard information security. Passwords are easy to compromise posing a potential risk and hence do not represent an effective barrier to malicious attacks. While 2FA (2-Factor Authentication) is a step towards improved identity and access management, there are still limitations with 2FA.

The client wanted a total endpoint security solution to maintain data integrity on the network, secure the on-board user access and prevent any kind of malicious attacks.

## Swan deployed a full-fledged RSA Multi-factor Authentication solution for 300 Users to secure on-board access and prevent security breaches.

Keeping in mind the cruciality of the data protection needs of the financial sector industries, Swan ensured implementation of additional layers of security through the organization. Our IT team deployed a full-fledged RSA Multi-factor Authentication solution for 300 Users to secure on-board access and prevent security breaches. The authentication software secures the users' accounts by mandating users to prove their identity in two or more ways before granting access to accounts, sensitive information, systems, or applications. The integrated solutions include an Active Directory along with multiple solutions like **Fortinet VPN Access, Office 365 and Internal Portals**.

An IT security project of this magnitude required an immense amount of planning and coordination to ensure smooth implementation of robust security plug-ins. Our team's diligence was tested in this project and by far our team has accomplished the job assigned in a timely manner with minimal disruption to the client productivity. We can certainly emphasize that we have the expertise and experience in delivering the Ideal Cyber Security Solutions to corporates.

### Business Impact

- Enabled Secured Workforce Access for every user to ensure complete enterprise security.
- Simplified administration with globally managed configurations and policies.
- Extensive application of template library to enable rapid creation and easy management of authentication experiences.
- Compliant and consistent with policy regulations across all locations.



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