

# Case Study

## Top-tier Bank

Enhancing Security Ops for a Small Finance Bank with Advanced Security Technologies

### Enhanced Security:

The firewall provided a strong defense against external threats, significantly improving network security.

### Secure Communication and Access:

Email security and proxy solutions safeguarded communications and controlled web traffic.

### Controlled Network Access:

NAC ensured only authorized devices could access the network, enhancing overall security.

### Comprehensive Protection:

MDM and attack surface management reduced vulnerabilities and secured mobile devices.

## Problem Statement

A small finance bank in India, faced pressing cybersecurity challenges. The bank encountered challenges in managing a variety of security controls across its IT systems. A comprehensive solution was needed, incorporating advanced security technologies.

## Key Customer Expectations:

1. **Comprehensive Network and Email Security:** Implement a robust firewall and email security measures to protect against external threats, phishing, spam, and malicious attachments.
2. **Secure Web and Endpoint Protection:** Deploy a proxy solution and Endpoint Detection and Response (EDR) to secure web traffic and protect against endpoint threats.
3. **Network Access and Mobile Device Management:** Utilize Network Access Control (NAC) and Mobile Device Management (MDM) to manage device access and secure mobile devices.
4. **Vulnerability and Attack Surface Management:** Conduct thorough assessments to identify and mitigate vulnerabilities within the IT infrastructure.

## Solution Proposed

1. **Firewall for Network Security:** Deployed a robust firewall to protect the internal network from external threats.
2. **Email Security:** Implemented comprehensive email security measures to filter phishing, spam, and malicious attachments.
3. **Proxy for Web Traffic Control:** Introduced a proxy solution to secure and manage web traffic.
4. **Endpoint Detection and Response (EDR):** Employed EDR solutions for continuous endpoint monitoring and incident response.
5. **Network Access Control (NAC):** Used NAC solutions to enforce access policies and secure network entry points.
6. **Attack Surface Management:** Utilized advanced tools to identify and mitigate IT vulnerabilities.
7. **Mobile Device Management (MDM):** Implemented MDM solutions to secure and manage mobile devices accessing the network.

## Conclusion

By partnering with Techjockey, the small finance bank enhanced its cybersecurity with a comprehensive suite of solutions these measures ensured robust data protection, improved threat detection, and the integrity of financial operations.