



Strengthening Mainframe Access and Compliance

A global financial institution modernized its mainframe environment with Rocket® Secure Host Access



CHALLENGE

Securing access across a regulated environment

The bank's heritage terminal emulator infrastructure left it without MFA support or enterprise IAM integration. **This outdated approach created notable security challenges**, making consistent security enforcement difficult across environments.

- **Authentication gaps**

Separate, eight-character mainframe passwords couldn't meet modern security standards or evolving regulatory mandates.

- **IAM disconnect**

Thick-client access couldn't route through the enterprise IAM platform, blocking centralized identity control.

- **Compliance pressure**

The absence of unified access controls complicated audit readiness and exposed sensitive financial data to risk.

SOLUTION

Unifying identity and access with Rocket® Secure Host Access

01 Proof of concept first

The bank ran a targeted POC with system administrators, validating technical fit and MFA alignment before moving to production.

03 Automated Sign-On

ASO eliminated static mainframe passwords, replacing them with one-time, time-limited logins for every session.

02 Enterprise IAM integration

Rocket® Secure Host Access connected directly to the bank's existing IAM platform, enabling consistent MFA enforcement across mainframe environments.

04 Centralized control

IT and security teams gained a unified view of access activity, streamlining administration for both thick and thin clients.

RESULTS

Improving compliance and productivity

Supporting compliance

MFA requirements now cover the mainframe, helping meet strict regulatory requirements.

Lowered IT workload

Eliminating reliance on static passwords cut help desk tickets for password resets.

Improved user experience

Time-limited logins let users access systems faster and more securely.