Secure Mobility Transformation for a Leading Financial Institution

Enterprise Mobile Device Management (MDM) Transformation for BYOD, Secure Mobile Access, Compliance Control, and 24x7 Remote Support

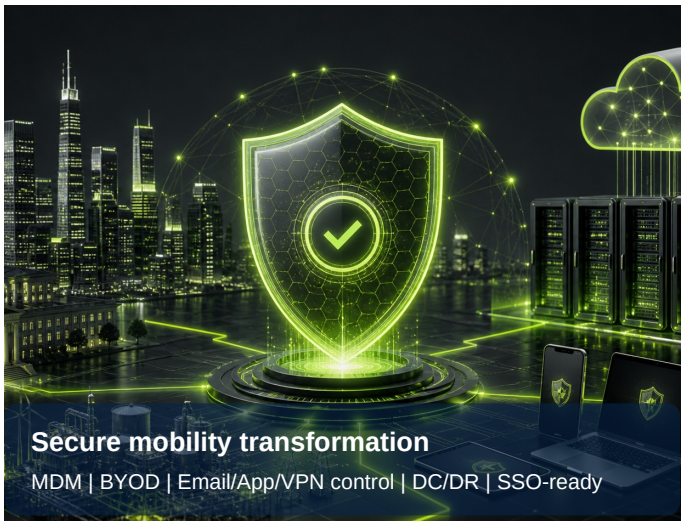
EXECUTIVE CONTEXT

COMnet partnered with a major financial services organization in India to implement a large-scale mobile device management (MDM) program for secure enterprise mobility. The initiative focused on controlling access to corporate resources from mobile devices, supporting both Android and iOS BYOD use cases, enabling managed access to email, enterprise applications, and VPN, and deploying the solution in a resilient DC/DR setup. The architecture was designed to be SSO ready, with 24x7 remote support to sustain operations across 70K users.

70K
Users

BYOD
Android & iOS

24x7
MDM support



IMPACT

- Established centralized governance of mobile access for approximately 70,000 users, improving control over enterprise mobility at scale.
- Strengthened security and compliance for BYOD access by applying policy-based controls across Android and iOS device populations.
- Improved visibility into mobile application access and user activity, enabling tighter control over enterprise email, apps, and VPN usage.
- Enabled a resilient secure-mobility platform through DC/DR deployment, supporting business continuity and operational availability.
- Created an identity-ready foundation for future SSO integration, improving the path toward more seamless yet controlled mobile access.

MAJOR ISSUES

- The client needed to control access to company resources from employee-owned mobile devices without degrading user experience.
- BYOD operating models across Android and iOS increased policy complexity, enrollment diversity, and compliance governance challenges.
- The organization required stronger visibility into which enterprise applications and resources were being accessed from mobile endpoints.
- Secure access to email, business applications, and VPN services needed to be governed consistently across a very large user base.
- The program required resilient deployment architecture and continuous support to sustain enterprise-scale mobility operations.
- The client also needed an identity-ready design that could support SSO as an add-on capability in later phases.

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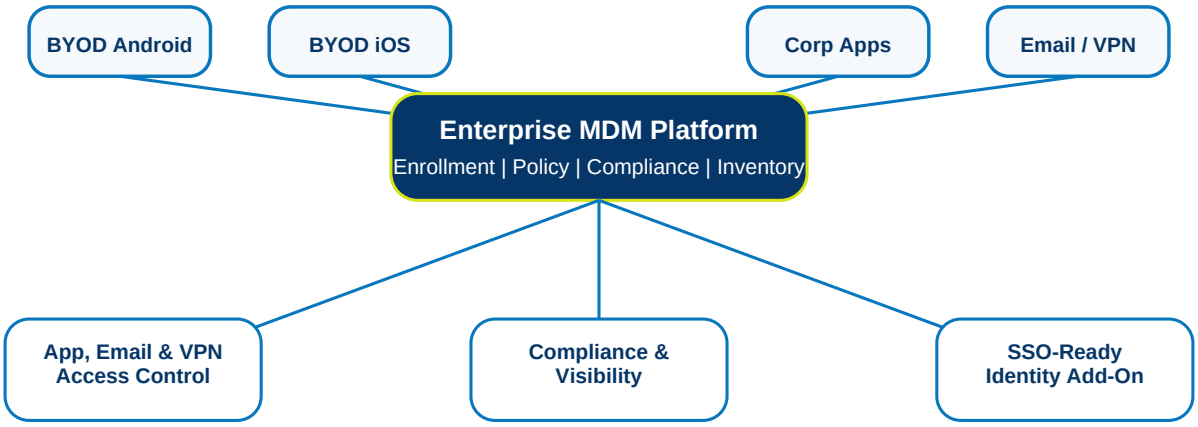
HIGHLIGHTS

ARCHITECTURE AND DEPLOYMENT SCOPE

REFERENCE SECURITY ARCHITECTURE



DC/DR deployment | 70K-user scale | 24x7 remote support | policy-driven secure mobility

- Enterprise MDM platform deployed for approximately 70,000 users.
- Supported BYOD enrollment and policy control for both Android and iOS devices.
- Enabled controlled access to enterprise email, business applications, and VPN services.
- Implemented solution deployment across DC and DR environments for resilience and continuity.
- Established a 24x7 remote support model for MDM operations and platform sustainment.
- Provided a future-ready design to accommodate SSO as an add-on capability.

- Enrollment and Device Governance Layer: Mobile devices were onboarded into a centralized MDM framework supporting policy-driven enrollment and lifecycle management.
- BYOD Management Scope: Android and iOS devices were brought under a governed mobility model aligned to enterprise access and compliance requirements.
- Access Control Layer: Managed access policies were applied for enterprise email, approved applications, and VPN connectivity.
- Visibility and Compliance Layer: Central administration provided visibility into mobile application usage, device posture, and policy compliance status.
- Identity Readiness: The architecture was designed to support SSO as an add-on capability, allowing future integration with identity and access management workflows.
- Deployment Scope: The platform was implemented in DC and DR environments to improve availability, continuity, and supportability at enterprise scale.

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KEY STRATEGIES

- Scale-First Mobility Design: The program was built to support a 70K-user deployment model without sacrificing policy control or operational manageability.
- BYOD-Aware Security Governance: Controls were tailored for mixed Android and iOS populations while balancing security, usability, and corporate-resource protection.
- Access-Centric Mobility Controls: Email, application, and VPN access were positioned as core governed services, not open mobile entitlements.
- Compliance-Led Operations: Centralized reporting and device/app visibility improved the client's ability to meet internal governance and compliance expectations.
- Resilient Deployment Architecture: DC/DR implementation patterns were used to improve service continuity and platform availability.
- Future-Ready Identity Integration: SSO was treated as an architectural extension point, ensuring the mobility program could evolve without redesign.
- Managed Support Continuity: A 24x7 remote support model provided operational stability, incident response, and ongoing platform assistance.

EXECUTIVE TAKEAWAY

COMnet transformed a mobile-access governance challenge into a structured secure-mobility program with centralized device management, policy-based access control, and resilient enterprise deployment. The result is a more compliant, visible, and scalable mobile environment for a large financial-sector organization operating at significant user scale.

OUTCOME SNAPSHOT

- Higher control and visibility over mobile access to enterprise resources.
- Improved compliance posture across a large BYOD estate.
- A scalable, supportable secure-mobility foundation for future identity and access enhancements.

TRANSFORMATION SUMMARY

70K-user MDM deployment | Android/iOS BYOD | email/app/VPN governance | DC/DR resiliency | 24x7 support