

SOTI MobiControl

Enterprise Mobility Management

Purpose-Built for Banking Security

Presented by EmergTech Solutions | SOTI Platinum Partner

Pakistan's Largest Bank Trusts SOTI

SOLUTION OVERVIEW

Securing Pakistan's Banking Mobility Infrastructure

SOTI MobiControl is a market-leading **Unified Endpoint Management (UEM)** solution designed to secure, monitor, and manage enterprise mobile devices at scale. It enables financial institutions to enforce cybersecurity policies, secure transactions, track device locations, prevent theft and misuse, improve workforce productivity, and remotely troubleshoot devices in real time.

As Pakistan's banking sector rapidly expands branchless and field operations, the need to **manage and secure thousands of Android devices** in the field has become a critical security imperative. SOTI MobiControl meets this head-on with advanced lockdown, cybersecurity hardening, and real-time device monitoring — proven in Pakistan's most demanding banking deployments.



Banking Security Challenges — and How SOTI MobiControl Closes Every Gap

THE BANKING SECURITY CHALLENGE

Fraud Risk on Field Devices

Unmanaged field devices are vulnerable to malicious app installation, SIM swapping, and unauthorized transaction bypass — creating direct fraud exposure.

No Visibility Across Device Fleet

Without centralized MDM, banks cannot monitor whether field devices run approved apps, connect to secure networks, or operate in compliant configurations.

Device Theft & Data Breach

Field banking devices contain sensitive customer data. Lost or stolen devices without remote wipe capability expose PII and transaction records.

Uncontrolled App Ecosystem

Side-loaded malicious apps and unapproved software can intercept transactions, harvest credentials, and exfiltrate customer data.

Regulatory & Compliance Gaps

SBP guidelines require demonstrable controls over mobile banking infrastructure — unmanaged devices create direct compliance risk.

HOW SOTI MOBICONTROL CLOSES THE GAPS

- ✓ **Advanced Kiosk Lockdown** restricts devices to approved banking apps only — zero tolerance for unauthorized software installation.
- ✓ **Real-time monitoring** with 24/7 console visibility, GPS tracking, and instant alerts on any policy violation.
- ✓ **Remote wipe & AES encryption** ensure customer data is protected the moment a device is reported lost or stolen.
- ✓ **App whitelist/blacklist enforcement** prevents any unapproved application from running — ever, on any device in the fleet.
- ✓ **Full audit trail & compliance reporting** aligned with SBP digital banking security requirements.

Banking-Grade Feature Capabilities

🔒 Advanced Kiosk Lockdown

Lock devices to approved banking apps only. Prevent access to settings, browser, camera, and all non-business functions. Full COBO Android Enterprise enforcement.

🛡️ Cybersecurity Hardening

Android Enterprise policies, certificate-based auth, mandatory VPN, encrypted communications, and threat detection integration for banking-grade device security.

🔧 Remote Device Control

Remotely view, control, and troubleshoot field devices without physical recall. Push emergency patches and policy updates to 10,000+ devices simultaneously.

📍 GPS Tracking & Geo-Fencing

Real-time & last-known location of all field devices. Auto-lock or alert when devices leave authorized service territories.

📱 App Lifecycle Management

Silent enterprise-wide app deployment, updates, and removal. Block unauthorized sideloading and enforce version compliance across the entire fleet.

⚡ Zero-Touch Enrollment

Mass-deploy Android devices with zero manual configuration. Devices auto-enroll, apply all security policies, and are operation-ready out of the box.

HBL Bank Secures Pakistan's Largest Branchless Banking Network with SOTI

Zero Fraud Loopholes • 10,000+ Devices • 100% Nationwide • 1+ Year Operational



SOTI MOBICONTROL

INDUSTRY

Banking & Financial Services

SOLUTION

SOTI MobiControl

DEVICE

Android 13.0 Handheld
Banking Terminals

DEPLOYMENT

Nationwide, Pakistan

SCALE

10,000+

Active Field Devices

UPTIME

1+ Year

Continuous Operation

INFOSEC RESULT

Zero

Unresolved Vulnerabilities



Habib Bank Limited
Pakistan's Largest Bank

SOTI
soti.net

THE CHALLENGE

Habib Bank Limited (HBL), Pakistan's largest bank, operates an extensive branchless retail banking network spanning the country. As the network scaled to thousands of **Android 13.0 field devices** in the hands of retail banking agents, HBL's InfoSec team identified a critical threat surface: unmanaged field devices presented potential loopholes for **fraudulent transaction manipulation, unauthorized app installation, and data interception**. The bank required a solution capable of withstanding exhaustive closed-environment InfoSec testing before any nationwide deployment.

THE SOLUTION

Working with **EmergTech Solutions — SOTI's Platinum Partner in Pakistan** — HBL deployed SOTI MobiControl across its entire field banking fleet. HBL's InfoSec team conducted rigorous **closed-environment penetration testing**, simulating fraud attack vectors on SOTI-managed devices. Every identified loophole was closed through SOTI's **advanced kiosk lockdown, Android Enterprise hardening, app whitelisting, encrypted communications, and remote wipe**. Validated in field pilots before full nationwide rollout.



BANK-GRADE SECURITY.
HARDENED. LOCKED DOWN.

- Locked Down with SOTI
- Remote Monitoring
- Built for Retail Banking

THE RESULT

SOTI MobiControl **passed HBL's exhaustive InfoSec testing with zero unresolved vulnerabilities**. Deployed across **10,000+ branchless banking devices nationwide**, fully operational for over one year. SOTI's lockdown and cybersecurity hardening eliminated all identified fraud transaction loopholes — a landmark milestone in mobile banking security.

“ **No fraudulent transaction cases have been reported on SOTI-managed devices throughout the year of operation across our branchless banking network.** ”

— Business Operations, Habib Bank Limited (HBL) | Pakistan's Largest Bank

10,000+

Field Banking Devices

1+ Year

Continuous Operation

100%

InfoSec Validated

Zero

Unresolved Vulnerabilities

Complete Feature Reference — Banking Applications

Capability	Banking Application
Multi-OS Support	Manage Android 13.0, iOS, and Windows from a single unified console
Rapid Deployment	Zero-touch mass enrollment — agents receive pre-configured, policy-compliant devices
App Management	Banking app whitelist, block all unauthorized apps, silent OTA updates to 10,000+ devices
Device & Data Security	AES encryption, remote wipe, certificate management, threat detection integration
Location & Geo-Fencing	Real-time GPS tracking; auto-lock alerts for out-of-zone banking devices
Enterprise Integration	Azure AD / LDAP integration with bank's existing identity infrastructure
Granular Permissions	Role-based access: branch manager, field agent, IT admin — all scoped per role

Supported: Android 4.2+ (incl. 13.0) • iOS 8.0+ • Windows CE 4.2+ • macOS 10.2+ | Deployment: Cloud | MSP Hosted | On-Premise



Your Local SOTI Platinum Partner

Complete Lifecycle Support — Pakistan

As a SOTI Platinum Partner, EmergTech Solutions delivers the full spectrum of SOTI MobiControl services — from initial consultation through to nationwide deployment and ongoing support, with deep expertise in financial sector mobility and Pakistan's largest MDM rollout at HBL Bank.

- ✓ Pre-Sales Consultation & Solution Design
- ✓ Deployment Planning & Architecture
- ✓ Configuration & Implementation
- ✓ End-User & IT Administrator Training
- ✓ Onsite & Remote Ongoing Support
- ✓ InfoSec Compliance Review & Testing

★ SOTI PLATINUM PARTNER

Why EmergTech + SOTI for Your Bank?

- 1 Proven at Pakistan's #1 Bank**
HBL's 10,000+ device nationwide deployment is live proof of our capability and scale.
- 2 InfoSec-First Approach**
We support your security team through closed-environment testing and full compliance validation.
- 3 Platinum-Level Support**
Highest SOTI tier — fastest escalation, dedicated resources, and priority access.
- 4 Banking Domain & SBP Expertise**
Deep knowledge of SBP regulations, branchless banking operations, and financial IT security.

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