Fulcrum™ Secure Mobility Platform

Fulcrum™

Trusted, Special-Purpose Services

Secure System Architecture

The SafeCase Device

OVERVIEW

The Fulcrum Platform addresses the challenge of delivering security enhancements in isolation from the vulnerabilities of the smartphone ecosystem.

Smartphone-Coupled but Independent

The Fulcrum Platform provides cloud-integrated services in conjunction with the SafeCase – the hardware cornerstone of the Platform. SafeCase, and the entire Platform architecture, remain functionally independent of the commercial mobile device.

Security-First

The Platform was designed to a nation-state threat model standard. Rigor across the entire system, in everything from architecture to development to manufacturing.

Flexible

The Platform was designed to accommodate future capabilities leveraging SafeCase hardware and/or cloud-based intelligence.

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Fulcrum Secure Mobility Platform

CURRENT CAPABILITIES

Fulcrum Anti-Surveillance

Secure, cloud-based governance of SafeCase anti-surveillance protections

- Policy management, including geofencing for alerts on policy

- Scalable to thousands of users

- Simple provisioning process

- Future third-party integrations for UEM, MDM and SIEM

- Flexible implementation to accommodate unique policy requirements and security considerations

FULCRUM PLATFORM COMPONENTS

A powerful marriage of hardware, software and the cloud.

SafeCase

- Couples with a smartphone to provide special-purpose security enhancements
  - Independent Hardware Root of Trust (HRoT)
- Provides physical anti-surveillance capabilities include audio masking and camera blocking
- Includes hardware capabilities like processing, storage and more
- Supports additional hardware capabilities via custom backpacks
- Security credentials and approvals:
  - First NTSWG-approved mobile device: TSG-NC-03-2021
  - FIPS 140-3 L2 Overall, L3 Physical Security – In Process
  - Manufactured in an ITAR-certified facility in the United States
  - Rigorously tested by some of the most security-conscious organizations across the USG

Privoro App

- Provides user interface functions for SafeCase, including notifications
- Creates a data channel between SafeCase and the Fulcrum Cloud through which a secure inner tunnel is used to pass encrypted data
- Verifies audio masking protections

Cloud

- Handles SafeCase policy decisions, logging/reporting and firmware updates
- Architected to FedRAMP High Baseline
- Interfaced via our cloud-based management portal
- Supports future integrations with UEM, MDM and SIEM solutions

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