



## THE ONLY AUTHORIZED DATA PROTECTION SOLUTION INTEGRATED DIRECTLY INTO TAK

### Sensitive ATAK data secured

Full data-at-rest and in-use protection of data generated by ATAK

### Quantum resistant security

Security that stays with the data when the device is powered off, on, and at runtime

### Possession does not equal Access

Encryption and shredding for secure storage prevents unauthorized users from accessing protected data, even if they have access to the device

### Transparency and performance

Protect your data without impact to productivity or device performance

### Vendor diversity to reduce risk

Randomized encryption algorithms and encryption keys separated from device security to ensure non-compromise

## Secure Your ATAK Data

CSfC Cyber Reliant Data Defender Plugin for ATAK provides a complete and easy to integrate solution for protecting all data generated by ATAK:

- Integrated directly into TAK to secure **individual files** and mobile **database records**, adding an additional layer of security for data stored on mobile devices
- **All data generated by ATAK will be protected automatically** by Cyber Reliant's **QS-Platform** for encryption, shredding, secure dispersal and recombination

## CRC Secure Elements

- AES-256 Encryption Library
- Information Dispersal Algorithm Engine
- Protection of file input/output
- Protection of **SQLite/Spatialite** database input/output
- Meets NSA requirement for rendering data **unclassified** when not invoked



## PROTECTING MISSION DATA FROM THE INSIDE OUT

### Easy Plugin Integration

- Uses secure I/O calls instead of the standard Android Java calls
- Randomized crypto-algorithms for encryption/decryption, shredding,
- Compatible with Java applications
- Deployed as .apk – EMM agnostic

### Robust Management Service

Stable, Secure, and Robust Management Service ensures consistent management for:

- Operates Connected/Disconnected
- Operator friendly Authentication
- Internal Key generation and management
- Multi-level anti-tamper features

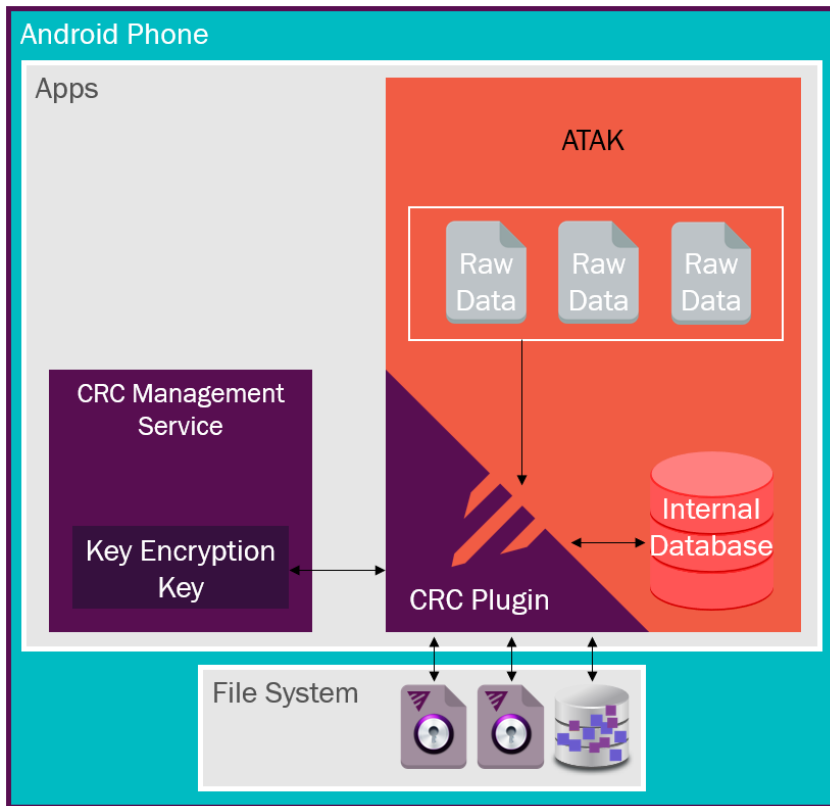


## ATAK/CIVTAK

Designed to support high performance I/O calls to ensure reliability, consistency and transparency to the user

- Map overlays
- Chat history
- Photos & videos
- Notes
- Location info
- and more





## Empowering Developers

- Cyber Reliant Data Defender Plugin empowers developers to implement quantum resistant data security.
- Straightforward and simple APIs for rapid integration - hours or days, not weeks or months
- No data security expertise needed – the plugin does all the work

## Benefits

- CSfC/NIAP for Android 10/11
- Transparent to the end user with no discernible performance impact
- Data integrity ensured with file level fault tolerance
- Scales to meet PJ/Medic patient privacy regulations
- Simple & scalable
- Ease of integration
- Seamless Security and Mission Ready

## Features

- FIPS 140-2 certified encryption module
- Protects data using AES-256 bit encryption in combination with a randomized Information Dispersal Algorithm to shred data in a non-deterministic manner
- File I/O and SQLite database I/O protection
- Separate layer of user authentication abstracted from native device log-on
- Obfuscation for tamper-resistant code
- Quantum resistant security to keep data safe even if the device is compromised

Supported Up To:  Android 11

## About Cyber Reliant Corp

Founded in 2010, Cyber Reliant's next generation data protection stays with data to keep information safe and industries thriving. Cyber Reliant supports the classified and sensitive data protection needs of Government agencies (DoD and Intelligence communities) and companies in regulated markets, such as Healthcare and Financial Services.

Battle Hardened : Business Ready