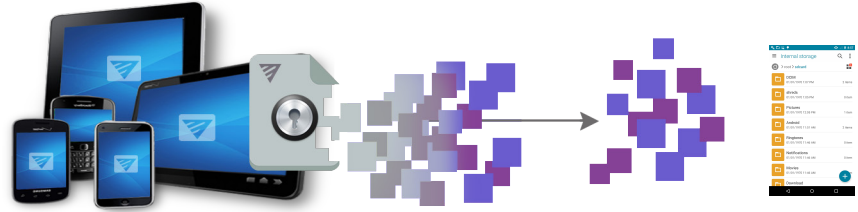


Strength of Security



Through Trivalent's leading-edge encryption and file shredding technology, Trivalent Protect enables users to securely store data on their devices to ensure critical data remains safe in the file system. Trivalent Protect integrates seamlessly and compliments existing security technologies.



Critical data

Store Secure Shreds

1
Encrypts
files as they are saved to disc

2
Shreds
the encrypted files for storage

3
Stores
the shreds across the device file directory


4
Recombines
the shreds and decrypts for authorized user

Benefits

- Protect all email and web browsing user activities
- Intelligence-grade security to keep data safe even if the device is compromised
- Based on NIAP Top Secret certified Trivalent technology through NSA's CSfC program
- Obfuscation for tamper resistant code
- Data integrity ensured with file level fault tolerance
- Keeps PII and PHI data compliant, meets HIPAA, GDPR, PCI DSS, NIST 800-171 data protection requirements

Features

- Full data-at-rest encryption of email subject, body, and attachments
- Protection of inbound and outbound email
- Enhanced security of email transmission with S/MIME support
- Full data-at-rest protection of files, including downloaded files, browser history, and bookmarks
- Secure viewing of encrypted files in local device storage
- 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
- Separate layer of user authentication abstracted from native device log-on

Supported Platforms:  Android 5, 6, 7

About Trivalent

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