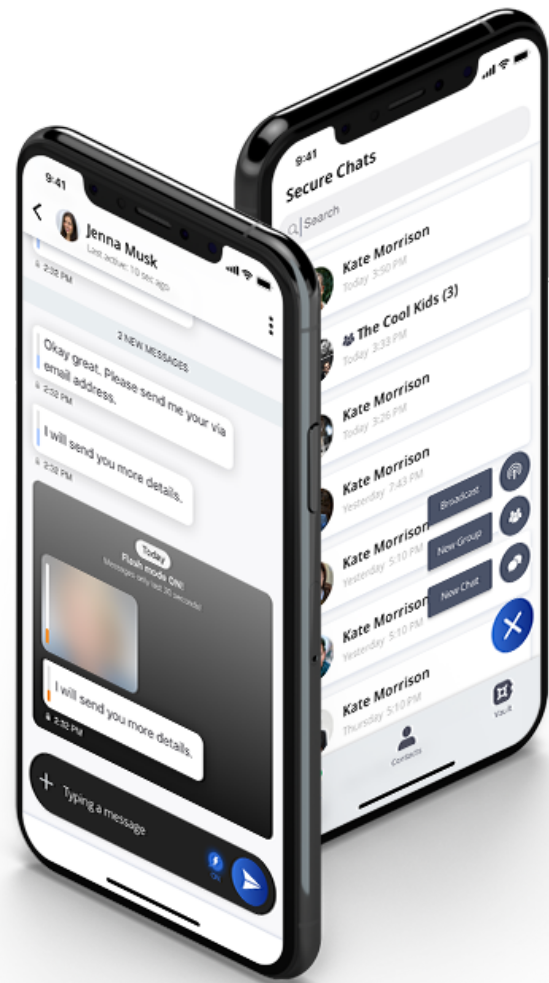


SKYECC

Technical Information

Best-in-Class
Security

Sky ECC is the world's leading secure messaging platform with tens of thousands of users world-wide used by the most regulated and sensitive industries. Sky ECC includes secure messaging, secure voice recording, password-protected vault, and is installed on tamper-resistant hardware with multiple layers of encryption to ensure that your messages can't be decrypted by anyone.



Core App Features

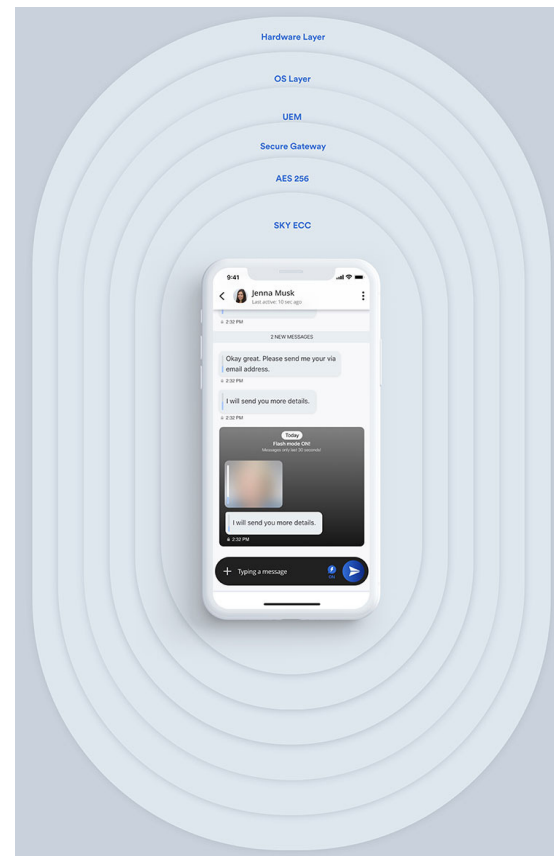
- Secure one-on-one and group chats
- Broadcast messaging to contacts
- Secure image, note, and contact sharing
- Record and send secure audio recordings
- Password-protected Vault for images, notes, and saved chats
- User-defined message expiry
- Revocable messages, images, recordings, and shared notes
- Flash messaging (messages disappear 30 seconds after reading)
- Duress password deletes all app data—chats, saved files, and contacts

Penetration testing conducted by BlackBerry Cybersecurity in October 2018 found no threats or flaws in the application or devices

Sky ECC is built on a zero-trust security model. We don't rely on other's assurances of security, so we protect Sky ECC from threats inside and outside of the device.

Security Layers

- Multi-layer app protections leveraging hardware, OS, app security, and password layers
- Deploying on devices with tamper-resistant hardware and operating systems
- Managing and locking down devices with Bluetooth, cameras, and other features disabled
- Impenetrable brute force protection
- No data stored on messaging servers
- Private keys remain on the device and never stored or sent to our servers
- Apps outside of the Sky ECC container have no access to Sky ECC data (and vice versa)
- Users cannot log into Sky ECC over insecure networks
- Secure gateway automatically encrypts, protects, and anonymizes network traffic
- AES 256 encrypts message headers and metadata
- Messages and Vault items are encrypted with 521 bit elliptic curve cryptography
- Message and Vault employ separate passwords for access and separate brute force protections.



Sky ECC operates on a secure global communications network supporting tens of thousands of users in over 150 countries.

Secure communications network

- Global network of redundant servers for maximum reliability, responsiveness, and stability
- SKY ECC servers are located in jurisdictions with stringent privacy and law-enforcement access protections
- Servers hardened to resist direct and DDoS attacks