peerio

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Free Encrypted Messaging and Cloud Storage App to Replace E-mail

Montreal-based company Peerio released today their free, encrypted messaging and cloud storage app. Peerio offers ultra-secure, state-of-the-art encrypted communications in a simple and easy to use app.

Developed by the creator of CryptoCat and miniLock, Nadim Kobeissi, Peerio aims to make end-to-end encryption a standard for everybody. In an interview with Wired Magazine, Kobeissi said the app is "as easy as using Gmail—you don't need to learn to use it."

The developing team's focus on accessibility has pushed them to meet users more than halfway. "Peerio brings crypto to where the people are," said Kobeissi, who believes the app is so accessible it will offer a replacement to e-mail and cloud storage services.

The app protects users data with encryption protocols that have been tested and verified by a team of third-party experts and system penetration testers, Cure53.

Peerio makes encryption more accessible by radically simplifying key management. Users pick a username that can be made public, and then choose a passphrase that generates their private keys locally. Keys are never sent to the server and when the app is closed, so is the key, allowing users to safely manage encrypted data from any device with a simple and familiar login screen.

Passphrases are used to provide higher security in an easier to remember format than a comparatively strong password. Two-factor authentication is offered as a second line of defense; in the event a user allows their passphrase to be compromised, an attacker would also need their mobile device to gain access to the account.

Peerio is an open-source project that publishes its code publicly, encouraging programmers and security researchers to review and test its security claims.

Currently in "beta", Peerio is conducting a thorough public testing to ensure the app can improve features around users' actual needs and concerns. The team encourages feedback via e-mail, Twitter, Facebook, and their support center to ensure users are given creative influence in Peerio's ongoing development.

Peerio is available for free download at peerio.com.

For more information, visit peerio.com.
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