

PRESS RELEASE

Say goodbye to digital espionage with DataShielder, Freemindtronic's new encryption app

The encryption that makes you switch to the dark side.

Andorra, 24 March 2023 : Freemindtronic will launch DataShielder in June **2023**, an end-to-end encryption application compatible with all messaging services in the world. This disruptive innovation will allow users to benefit from increased security for their online communications, regardless of the messaging service used. DataShielder will also offer simple and effective encryption key management for enhanced privacy. With DataShielder, Freemindtronic takes on an ambitious challenge, that of a system that works completely anonymously, without a server or database. This innovative app works in real-time on Android and iPhone phones while offering end-to-end encryption through segmented OpenPGP encryption keys. It can also operate contactless via a Freemindtronic NFC HSM, providing enhanced security for users.

Freemindtronic, a company specializing in the design and manufacture of cybersecurity and safety solutions, today announces the upcoming launch of its latest innovation: DataShielder, an encryption key management application that enables the generation, storage and offline use of all types of symmetric and asymmetric keys of OpenPGP encryption algorithms.

DataShielder gives users full control over their encryption and decryption keys, as well as file encryption and data signing with signature self-verification functionality. DataShielder's extension, developed for Chromium and Firefox-based web browsers, also offers a message, file, signature, and signed document validity verification service.

Protected a patent extended to the international gold medalist of international inventions of Geneva 2021 including patent (EP3586258A1, FR3063365B1, US11281759B2, KR102479661B1, JP7105495B2, WO2018154258A1 and CN110402440A

DataShielder is the first application compatible with all messaging services, also offering an SMS-encrypted instant messaging service.

While other end-to-end encrypted messaging apps exist, such as Signal, Telegram, WhatsApp, or Apple's iMessage system, the encryption and decryption keys are not under the absolute control of the user. They cannot generate,

save, partagate, use and receive them freely. Nor can they use it to sign files. This is where DataShielder comes into its own.

DataShielder is a disruptive patent-protected innovation that operates in real time, without a server, without a database, in offline mode and in volatile memory. It is completely anonymized because it does not request any information about the user, does not collect any data and does not save any unencrypted keys. Encrypted keys can be physically stored outside the phone.

Finally, DataShielder is also fully compatible with two Freemindtronic technologies, EviCypher and EviPass, which work via NFC HSM. This greatly expands the possibilities of segmented key authentication with the possibility of adding trust criteria such as fingerprint and the predefined geo-zone of authorization to use encryption and/or decryption keys. Visitors to the International Cybersecurity Forum (ICF) 2023 will be able to attend demonstrations to experience all the features and benefits offered by DataShielder. The demonstrations will take place on the stand of the Hauts-de-France region from 5 to 7 April 2023 with Sésame Expertises

(<https://www.sesame-expertises.fr/contact.html>), Freemindtronic's partner.

With DataShielder, Freemindtronic reaffirms its commitment to security and privacy. This disruptive innovation meets the needs of users concerned about the security of their data, offering them a single solution for managing their encryption keys. With DataShielder, users can generate, store, and use their encryption keys securely and without relying on a trusted third party.

In addition, DataShielder is the first encryption application compatible with all email services in the world, providing a universal solution for users. This universal compatibility allows users to benefit from enhanced security for their online communications, regardless of the email service used. DataShielder is even compatible with email clients such as Thunderbird, which accept the import of OpenPGP encryption keys.

Finally, Freemindtronic reaffirms its commitment to security and privacy with DataShielder, offering an encryption solution that does not collect any data or backup any unencrypted keys. With this breakthrough innovation, Freemindtronic continues to position itself as a leader in the Zero Trust field of cybersecurity and the protection of sensitive data.