Freemindtronic

DATASHIELDER HSM PGP

Counter-espionage solution par excellence, deployable on a global scale, one-click encryption, anonymized from end to end. It is interoperable and backwards compatible with all communication systems that can be used in a Windows or macOS computer!

Patented technology

Zero Trust – Zero Knowledge

EXTREMELY REDUCED ATTACK SURFACE!

One click – Offline – Serverless – No database – No login

Freemindtronic Unveils at Eurosatory 2024 DataShielder HSM PGP - The Future of Secure Communication

Paris, France - Freemindtronic, a leader in the tailor-made design of counterintelligence solutions that work stealth, anonymized end-to-end, offline, contactless, serverless, database-free and without the need to identify yourself, announces the launch of its latest technological innovation - the DATASHIELDER HSM PGP solution. This encryption tool redefines secure communication for businesses and government entities around the world.

A Revolution in Communications Security

Imagine a solution that allows you, without any particular knowledge, to automatically encrypt everything post-quantum from any computer in the world, in one click, in less than a second, all your messages without ever keeping them in the clear. Imagine that this tool makes you totally invisible, your messages undetectable, untraceable, unstoppable, and can even be intercepted without risk. Finally, imagine that you don't need to change your habits, making your messages indecipherable, providing absolute power of sovereignty over your data, no matter where it is stored in the world. What would you do if you had such a tool without any limits or constraints, blinding all legitimate or illegitimate spying systems, usable by a 12-year-old child?

This counter-espionage tool now exists, it is DataShielder HSM PGP whose official commercial launch is announced on June 17 at Eurosatory 2024!

Key features

- **Ultra-Fast Encryption and Decryption** : Translated into 14 languages, DataShielder HSM PGP offers the world a unique tool for encrypting and decrypting messages in volatile memory in less than a second in one click, interoperable and totally transparent for the user, directly in its usual email clients such as webmail Gmail, Yahoo, iCloud, Yandex, Outlook, HLC Domino, as well as instant messaging such as WhatsApp or private messaging such as LinkedIn.
- **Interoperability and Backward Compatibility** : Allows the user to encrypt upstream with one click and then use the encrypted message in any email service available from a computer.
- **File Encryption** : Offers other encryption tools, including clickless, just drag-and-drop encryption to auto-encrypt any type of file.
- **AES-256 CBC PGP Segmented Key Encryption** : Uses patented segmented key authentication technology, allowing for user anonymity, while creating infinite combinations of segmented keys to chat with groups, subgroups, and an individual within a subgroup.
- **Advanced File Signing** : DataShielder HSM PGP takes advanced file signing a step further without the need for a trusted third party with an AES-256 CBC PGP ".asc" key generator secured by a password with a self-repudiation date of its signing key in ".p7s" format. These encryption keys are also used to share segmented keys between users to encrypt their message and/or file exchanges.

Maintaining Anonymity with DataShielder Engine

DataShielder HSM PGP also benefits from the innovative DataShielder Engine, which helps maintain the anonymity of all users. The license is based on the hardware and not the user's name, making it possible for several different people to use it on the same computer with their own segmented keys physically outsourced from the computer.

A Must-Have Solution for Sensitive Businesses and Government Entities

DataShielder HSM PGP is an ideal tool for sensitive businesses and government entities, providing advanced protection for sensitive communications and ensuring the security of critical data.

About Freemindtronic

Freemindtronic specializes in the design and creation of cybersecurity and counterintelligence systems, particularly in contactless (NFC) technologies. By offering innovative and high-quality solutions, Freemindtronic continues to redefine the standards for protecting sensitive data and communications.

Come and watch the demos at Eurosatory Hall 5B Booth A199 from June 17 to 21 to experience the unique capabilities of DataShielder HSM PGP in person! For more information, visit [Freemindtronic](#).

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