

File Encryption

Digital Rights Management



File-Level Access Control

Work practices are changing and many organisations send and share documents to work quickly and more productively. Files are shared in many ways: email, FTP, cloud and USB all of which are not secure methods. Documents must be protected for compliance and commercial reasons and need to be secured at all stages, in transit, at rest and in storage. Especially since organisations are strictly regulated. Many turn to organisational policies to try to manage their documents as existing solutions are inefficient and partial. This creates data protection and privacy challenges. Documents are being shared using various enterprise solutions and the moment a file is shared, removed or downloaded it is no longer secure.



Effective solutions are needed to secure files whilst maintaining control and visibility. **Galaxkey** combines strong encryption with **Digital Rights Management** (DRM) and real-time policy control to provide effective, user-friendly enterprise document security with high-level access controls to secure and control sensitive files in a compliant way. Using Galaxkey, even if an attacker were to gain access to your secured documents or files, your data is protected and unusable to them.

Data Security

Galaxkey offers robust file encryption capabilities, providing encryption at the file level through two distinct methods:

01 Classification-Based Encryption: This method secures files based on business units and their classifications, independent of individual users. It is ideal for businesses that need to protect files according to organisational policies and structures.

02 User-Level Encryption: This approach allows business users to encrypt files within their control, providing flexibility and autonomy in securing their data.

Both the mentioned can be initiated in two ways:

User-Initiated Encryption

Business users can easily encrypt a single file, multiple files, or entire folders with a simple right-click. During the encryption process, users can select the appropriate classification or specify the individuals who will have access to the files. If the encryption is based on classification, the access controls are automatically applied according to the policy defined for that classification. If not, users can explicitly set access controls and designate who can access the files.

Monitored-Initiated Encryption

Businesses can centrally define folders to be monitored for new (and existing) files. Based on configured classifications, these files are automatically encrypted as they are added to the monitored folders. This ensures that files are encrypted without requiring user intervention, thereby eliminating the risk of human error and ensuring consistent security compliance.

By leveraging these two methods, Galaxkey ensures comprehensive file protection tailored to both organisational and individual needs.

All the files are encrypted at file level and each file is encrypted with a separate encryption key. All the actions on the files are audited. Access control to files can be controlled remotely via a central portal.

- **File-Level Encryption** - Encrypts files individually, ensuring granular protection and security.
- **Classification-Based Encryption** - Secures files based on business units and predefined classifications. Automatic application of access controls based on organisational policies.
- **User-Level Encryption** - Allows individual users to encrypt files within their control. Users can set specific access permissions and manage encryption settings.
- **User-Initiated Encryption** - Easy encryption of single or multiple files, and entire folders via right-click. Option to select classifications or specify individual users for access.
- **Monitored-Initiated Encryption** - Central definition of monitored folders for automatic encryption of new files. Ensures automatic encryption based on pre-configured classifications. Eliminates the need for manual user intervention, reducing human error.
- **Access Control Management** - Users can define who has access to encrypted files. Supports both classification-based and user-specific access control settings.
- **Policy Enforcement** - Automatic enforcement of encryption policies based on classifications. Ensures compliance with organisational security requirements.
- **Audit and Monitoring** - Tracks and logs all encryption activities. Provides detailed audit trails for compliance and security monitoring.
- **Seamless Integration** - Integrates with existing file management systems and workflows. Supports all file types and formats.
- **User-Friendly Interface** - Simple and intuitive user interface for easy adoption. Minimal training required for end-users.
- **Scalability** - Suitable for organisations of all sizes. Can handle large volumes of files and users.
- **Security** - Utilizes strong encryption algorithms to protect data. Ensures data confidentiality, integrity, and availability.
- **Centralized Management** - Central administration console for managing encryption settings and policies. Allows IT administrators to oversee and control encryption across the organisation.
- **Multi-Platform Support** - Compatible with various operating systems and devices. Ensures consistent encryption capabilities across different environments.
- **Compliance** - Helps organizations comply with data protection regulations and standards. Supports compliance with GDPR, HIPAA, and other regulatory requirements.

- **SECURE FILES BEFORE COPYING THEM TO THE CLOUD** - Have assurance that your data is protected no matter the cloud you choose to use.
- **SECURE ANY FILE, ANY SIZE ON ANY DEVICE**- Galaxkey secures the entire file in any format with no restrictions on file size and on any device.
- **CLASSIFY DOCUMENTS** - Proactively mark your documents and data to assist with compliance.
- **INTEGRATED CLOUD SYNCHRONISATION**- Galaxkey provides complete cloud synchronisation to store and share files securely.
- **POLICY MANAGEMENT** - Set rules and policies to protect your data and meet specific compliance requirements.
- **SECURITY POLICIES FOLLOW YOUR FILES WHEREVER THEY'RE STORED**- Our data-centric approach enables this. Protect your files anywhere: Box, Dropbox, Google Drive, Microsoft and on-premise.
- **UNAUTHORISED DATA DISTRIBUTION** - Digital rights management to restrict the flow of data.
- **GRANULAR VISIBILITY AND CONTROL** - Maintain control of your data and its security- always!
- **DIGITAL DOCUMENT SIGNING**- Digitally sign documents for non-repudiation.
- **MEET LEGISLATIVE AND INDUSTRY COMPLIANCE REQUIREMENTS** - Maintain data privacy of personal and sensitive information, whilst keeping control of your data. Galaxkey stands out for its unparalleled data protection capabilities. Offering a singular platform, it ensures the security of data during both transmission and storage, providing users with peace of mind at every step.

1. Galaxkey stands out for its unparalleled data protection capabilities. Offering a singular platform, it ensures the security of data during both transmission and storage, providing users with peace of mind at every step.
2. At the heart of Galaxkey's offering lies its pure end-to-end and military-grade three-layered encryption platform. This robust encryption ensures that sensitive information remains safeguarded, even in the face of sophisticated cyber threats.
3. Galaxkey's approach to data security acts as the ultimate line of defense, particularly in scenarios where network breaches occur. By enabling businesses to store encryption keys internally, it eliminates the risk of unauthorised access and backdoor entry, putting control firmly in the hands of the organisation.
4. Galaxkey's federated architecture empowers businesses to maintain total control over their files and data, even when leveraging cloud providers. This decentralised approach ensures that data sovereignty remains intact, giving businesses the confidence to operate securely in any environment. The service can be managed by Galaxkey or businesses can setup on-prem.
5. Furthermore, Galaxkey proudly holds certification from NCSC UK, further underscoring its commitment to meeting the highest standards of security and reliability.
6. Notably, Galaxkey distinguishes itself by prioritising user privacy. Unlike many other products, it refrains from storing or recording any user behavior or analytics data, thereby respecting the privacy and confidentiality of its users.
7. The complete suite of Galaxkey products has been meticulously crafted to cater to the diverse needs of enterprise customers across various sectors. Every feature of our product lineup is tailored to meet the rigorous demands of the enterprise environment. Our seamless integrations with existing ecosystems ensure effortless implementation and compatibility, making adoption a smooth and efficient process for businesses of all sizes.
8. No business has experienced data loss when utilising Galaxkey, a testament to the robustness of our encryption architectural approach.
9. Interface available in English, Spanish & Arabic languages.
10. In summary, Galaxkey's comprehensive suite of features, coupled with its dedication to privacy and security, makes it the premier choice for businesses seeking robust data protection solutions.

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