EMAIL SECURITY

galaxkey ®

www.galaxkey.com

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BE THE ORGANISATION EVERYONE TRUSTS

Share files with confidence

Communicate securely

Protect all your data

Secure emails for enterprise

Emails are an accepted means to communicate and are essential to any organisations productivity. They're used to share personal and commercially sensitive data both internally and with external third-party users, raising issues around email security and data privacy. If this data is leaked, not only will it result in a data breach and financial penalties but also severely impact company brand and reputation.

Up until now, many legacy tools have made it complicated to secure emails resulting in nominal uptake of email security technologies. When implemented they're often side-stepped due to poor usability and forgo accessibility and efficiency for partial security.

Emails are highly susceptible to many forms of attack throughout their journey from originator to recipient: at the source, on the originator's server and at all points in between. Also, on the recipient's server and finally at the destination. Nonetheless, organisations continue to share sensitive information, over emails, in an unprotected way.

Galaxkey combines strong encryption and real-time policy control to provide user-friendly, scalable enterprise email security with high-level access controls to protect and control sensitive emails: your messages, attachments and files.

Galaxkey's data-centric solution

Galaxkey is an identity-based solution. When a user registers with Galaxkey, a secure user identity is created for that user and it is associated with their email address. Galaxkey securely stores and manages the identity in the cloud ensuring it is accessible to any Galaxkey enabled client on proper authorisation and authentication. Once the application is installed on the client machine all email content is protected end-to-end, in transit and at rest. Email security is immediate with no impact on business function or user experience.

Emails, both internal and external, are secured. One solution is used for all environments, on all email clients and devices. So, no matter how you choose to work, your data is always secure. Additionally, recipients of Galaxkey secured emails can reply securely without incurring any cost.

Galaxkey provides flexible deployment solutions (cloud, on-premise or hybrid), integration into existing infrastructure, gateway security, multi-factor authentication as well as customisable policy control and is underpinned by government and industry-certified standards.

EMAIL SECURITY
EASY TO USE DEVICE CLIENTS

Galaxkey integrates easily with existing email clients, providing one-click security for end-users to share information securely straight from Outlook, iOS, Android and Windows. Mobile applications enable access to secured information anywhere, providing streamlined secure

GALAXKEY ADDIN

→ The Galaxkey Addin is a Microsoft Outlook Addin which transforms Outlook into a Galaxkey enabled client. The Addin integrates with Outlook seamlessly, enabling the user to send and receive secure emails with ease.

GALAXKEY APPLIANCE

→ Galaxkey is available as an onsite appliance, which can be set up in corporate networks. This is ideal for organisations who do not want to expose their private keys. The appliance provides a hybrid solution that attaches to Galaxkey in the cloud and takes advantage of the invitation model seamlessly.

GALAXKEY WEB ACCESS

→ The GWA is a web-based Galaxkey client that enables the user to view secured emails. GWA can be used to view secured emails on any browser-enabled devices including: iPhone, iPad, Blackberry and Android. The GWA can be hosted in-house for corporate accounts or users can opt to use the Galaxkey cloud-based service.

GALAXKEY APPLIANCE

→ Galaxkey provides native mobile clients for Apple iOS (iPhone and iPad), Windows Mobile and Android devices. These apps work seamlessly with the Galaxkey framework and provide the ability to read and send secured emails.

BENEFITS

DESKTOP, MOBILE AND WEB
Encrypt and decrypt emails as well as content on any mobile device and on the web.

MAIL REVOCATION
Revoke access to secured emails that have been sent. User is able to revoke access to incorrect sent email making it inaccessible to the recipient.

DIGITAL EMAIL SIGNING
This anti-spoof feature ensures data integrity and non-repudiation. A digitally signed email provides the assurance that the data has not been tampered with.

CLASSIFICATION
Proactively mark data and files to assist with compliance.

MAIL TIME-OUT
Implement time limits for accessibility when sending secured emails. Once the time lapses, the email becomes inaccessible.

NOTIFICATIONS
A digital notification can be sent to the user (sender) when the secured email is opened and viewed.

MEET LEGISLATIVE AND INDUSTRY COMPLIANCE REQUIREMENTS, INCLUDING THE EU GDPR
Encrypt personally and commercially sensitive emails and attachments, whilst staying in control of your data.
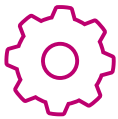
POLICY MANAGEMENT
Set rules and policies to protect your data and meet specific compliance requirements.

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SYSTEM REQUIREMENTS

Since Galaxkey is a cloud-based solution, it does not require additional hardware or software on your premises. The Outlook Addin currently supports Microsoft Outlook 2003, Microsoft Outlook 2007, Microsoft Outlook 2010, 2013 and 2016. Galaxkey Native Mobile applications support Apple iOS Version 5+ and above.

ADMINISTRATIVE HIGH-LEVEL CONTROL

Galaxkey provides a perfect solution for administrators to manage their keys and control their data.

SINGLE SIGN-ON

A Single identity is used for all devices to support access control.

Galaxkey blends a perfect balance between the highest level of security and usability.

INVITATION MODEL

The Galaxkey clients provide the mechanism to send invites as you send emails so that you can invite users on the fly.

QUICK DEPLOYMENT & EASY OPERATION

Within minutes Galaxkey can be deployed within a corporate environment by installing the application on the client machine. Galaxkey works transparently in the background to relieve the organisation and user of any key management complexities.

B2B AND B2C

Both Business to Business and Business to Customer are supported. Galaxkey manages the entire registration process to enable your recipients to receive secure emails.

WHITE LABEL

White label the solution to brand the security as your own.

Our security solution is not limited to encrypting emails. Additional security features are included to ensure your data is fully protected.

ENCRYPTION STANDARDS

Galaxkey uses AES FIPS 140-2 compliant encryption security modules which is the US government standard that defines a minimum set of the security requirements for products that implement cryptography. It is designed for cryptographic modules that are used to secure sensitive information. The encryption modules can be safely run only in FIPS enabled environments. The system uses 2048-bit RSA Keys, higher grade protection is available if required.

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