BOOST YOUR DATA PROTECTION AND EMAIL MANAGEMENT IN MICROSOFT 365 WITH GALAXKEY

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PROTECT YOUR COMPANY'S DATA- WHEREVER IT GOES

Share files with confidence

Communicate securely

Protect all your data

Control access to your data without compromising efficiency

While cloud computing offers greater efficiency, flexibility and collaboration, it also raises extra security considerations. Storing your data in the cloud means you're storing it in someone else's infrastructure – and trusting they can always protect it.

Microsoft 365 offers strong data protection features, but with some important limitations. Because data isn't encrypted at source or when it's stored, it's more vulnerable to hackers.

And as a US-based company, Microsoft is bound by the US Cloud Act. This empowers US federal agencies to access any data stored in Microsoft applications worldwide – without your say-so.

So, security-conscious businesses and public sector organisations are increasingly looking for ways to use Microsoft 365 while still keeping complete control of their data.

Galaxkey gives you an additional layer of iron-clad data protection when using Microsoft 365, without compromising efficiency.

Galaxkey's end-to-end encryption means data is encrypted at source, before it reaches the cloud. Then it stays encrypted, wherever it's sent or saved. Even if you're hacked.

And unlike Microsoft 365, Galaxkey gives you full control of your own encryption keys. So even if anyone does access your data, they cannot decrypt it because they don't hold the encryption keys.

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Using Galaxkey with Microsoft 365 gives you: .

→ Complete control over your data – because you hold the encryption keys, nobody can unlock your data without your permission.

→ Bulletproof, end-to-end encryption – keeping your data safe from prying eyes, wherever you send, store, or open it.

→ Additional, flexible options for managing emails – giving you more control, efficiency and security.

The increasing popularity of Microsoft 365

Within the last five years, most major corporations have shifted their email and general IT infrastructure to the cloud. This trend was only accelerated by the 2020 pandemic, which significantly boosted demand for technology that supports remote working.

Embracing cloud-based technology and ways of working is the rational choice for businesses wanting to remain competitive.

Microsoft 365 is the cloud-based software subscription of choice for many organisations. As well as the full range of Office applications, it provides extensive cloud-based storage and some robust security features.

Yet data security is an add-on, not Microsoft's primary focus. So Microsoft 365's encryption and data protection features are strong – but not impermeable.

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All Galaxkey products use its signature three-layer encryption architecture. This gives your data military-grade protection, both in transit and at rest.

Passwords aren't stored in any format, and Galaxkey is the only platform that allows you complete control of your encryption keys. So you can rest assured, knowing your data is being protected to the highest level.

Use Galaxkey's four products together or singly to:

Secure your emails
Protect all your emails, including attachments, with our easy-to-use, robust email encryption. It's CPA certified by the UK's National Cyber Security Centre.

Secure your documents
Safeguard your confidential data when using, sharing or storing files, with our file encryption for files of all types and sizes.

Collaborate securely
Work with colleagues and external teams to edit, share and save sensitive information within the protection of our secure workspace.

Sign documents digitally
Save time, effort and paper by using secure electronic signatures for confidential or legal documents.

With Galaxkey, you can continue enjoying all the productivity and collaboration benefits of Microsoft 365, with the peace of mind that your data is securely ring-fenced from any prying eyes.

And you have a wealth of extra ways to manage your email more efficiently and securely. From creating time-limited and security-classified messages, to recalling any email, to one-click file encryption.

How and when data is encrypted

EMAIL ENCRYPTION MODELS	
Microsoft has three email encryption models with varying features.	**Galaxkey has one comprehensive encryption model.**
✗ Figure out which features you need most and choose between the three models – you can't have it all.	✓ Get all the benefits of all three Microsoft models (and more) – no need to compromise.

ENCRYPTION OF EMAILS WHILE THEY'RE BEING SENT	
When sending emails, Microsoft encrypts them with standard TLS (transport layer security) only.	**Galaxkey encrypts emails before sending. So they're bullet proof in transit and beyond.**
✗ If TLS is compromised, so are the content of your emails in transit.	✓ Even if TLS is compromised, the contents of your emails are kept completely safe from prying eyes.

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ENCRYPTION OF STORED EMAILS AND DATA

Microsoft doesn't encrypt stored emails.

✗ If your email account or computer is hacked, your emails aren't protected. Hackers can access your emails and you can lose vital data.

Galaxkey stores all emails in an encrypted form.

✓ Even if your mail server or desktop is hacked, your email data stays encrypted. So hackers can't access it, and you won't lose it.

ENCRYPTION KEY MANAGEMENT

Encryption keys are managed by Microsoft, which as a US company is subject to the US CLOUD Act. So if a US federal agency demands Microsoft share your data, it has to comply

✗ You have no control over the encryption keys for your data – so you don't control who can access your data.

Galaxkey gives you complete control of your encryption keys. So even if Microsoft has to share your data with a US federal agency, without the encryption keys your data cannot be unlocked and read.

✓ You control your encryption keys – and so you control who accesses your data.

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Email set-up options

EMAIL CLIENTS AND EMAIL SERVERS

Microsoft encryption only works with Microsoft products and systems.

✗ To access Microsoft data protection for emails, you have to use Outlook and a Microsoft server.

Galaxkey works on all email clients and servers. Outlook, webmail, Gmail, hMail, Exchange, Android, iOS, Mac – you choose.

✓ Your data's kept safe, whichever email client and server you prefer.

AUDIT LOGS

Microsoft provides audit logs up to 90 days only.

✗ You can't check back on email transaction records any further than three months ago.

Galaxkey lets you decide how much time you want your audit logs to cover.

✓ You can make sure your audit logs keep track for as long as you want. So you can always go back and check your records.

POLICY-BASED ENCRYPTION

Microsoft's policy-based encryption (where the system encrypts any email message that matches your pre-defined conditions) is cumbersome to configure and use.

✗ Setting up and using policy-based encryption is fiddly and not intuitive.

Galaxkey's policy-based encryption is easy to configure and use.

✓ Setting up and using policy-based encryption is simple and straightforward.

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GEOFENCING

Geofencing lets you restrict certain data to your own network, or to a specific geographical region. This can be crucial in the legal, financial and other sectors. Microsoft doesn't provide any geofence options.

✗ You can't make sure certain data stays within your own network, or within – or outside of – a particular region or legal jurisdiction.

With Galaxkey, you can restrict an email to a specific geographical region, or to your own network.

✓ Control exactly where your highly sensitive data can – and can't – be shared and accessed.

EASE OF SET-UP

Setting up Microsoft encryption involves several steps, including first setting up information rights management (IRM) – it's not quick or straightforward.

✗ It takes time and knowhow to set up Microsoft encryption and get it working.

Galaxkey is quick and easy to set up and start using.

✓ Get military-grade data protection up and running in less than an hour.

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RECALLING SENT EMAILS

Microsoft only lets you recall an email if you and the recipients are all on Microsoft Exchange or Microsoft 365 – and in the same organisation – and the email hasn't yet been opened.

✗ You can only recall an email in a limited set of circumstances.

Galaxkey enables you to recall emails sent to anyone in the world, on any email server or platform. Even if they've already opened the email.

✓ Recall any email any time, with just one click.

SETTING TIME RESTRICTIONS FOR ACCESSING AN EMAIL

Microsoft encryption doesn't give you any options for controlling when an email can be accessed. For instance, if you're sending privileged or time-sensitive information.

✗ You can't set any limits on when or for how long recipients can access an email.

Galaxkey gives you time-based encryption. You can specify when an email can be opened and read, and how long it's available for. After that, it won't be accessible any longer, even if it was already sitting opened in the recipient's inbox.

✓ Make sure emails containing sensitive data can only be accessed during the time period you specify.

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FILE ENCRYPTION

Microsoft doesn't enable you to encrypt files to keep your data safe, for example when sending or receiving email attachments.

✗ There's no quick, built-in way to encrypt files within the Microsoft platform.

Galaxkey has easy-to-use file encryption built in. Once Galaxkey's installed, it's available to you any time, for all file types.

✓ Encrypt or decrypt any file with a single click.

EMAIL SECURITY CLASSIFICATION

Microsoft doesn't give you the option to assign security classifications (protective markings such as Confidential, Top Secret, Official) to your email messages.

✗ You can't classify emails based on their security status.

Galaxkey comes with built-in email classification options that you can customise to suit your organisation's needs.

✓ immediately know how sensitive they are and can respond accordingly.

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